Volume

#

R0460

U. S. Surveyor General's
MAR 8 1922
SALT LAKE CITY, U

4—679

BOOK A-460 A

FIELD NOTES

OF THE ~~SURVEY OF THE~~

RETRACEMENT OF PORTION OF 8TH STANDARD PARALLEL SOUTH,

THROUGH RANGES 7 and 8 WEST.

RESURVEY OF EAST AND WEST BOUNDARIES, AND SURVEY OF SOUTH BOUNDARY

AND SUBDIVISION OF TOWNSHIP 41 SOUTH, RANGE 8 WEST.

Of the SALT LAKE BASE AND *Meridian,*

In the State of UTAH

EXECUTED BY

ANDREW NELSON, U.S. CADASTRAL ENGINEER.

~~In the capacity of U.S. Surveyor~~, *under Special Instructions dated* Sept. 24, *1921, issued by the United States Surveyor General to govern surveys included in Group No.* 121, *which were approved by the Commissioner of the General Land Office,* October 17, *1921, and Assignment Instructions dated* Oct. 31, 1921 ~~191~~

Survey commenced November 1, 1921, ~~191~~

Survey completed December 16, 1921, ~~191~~

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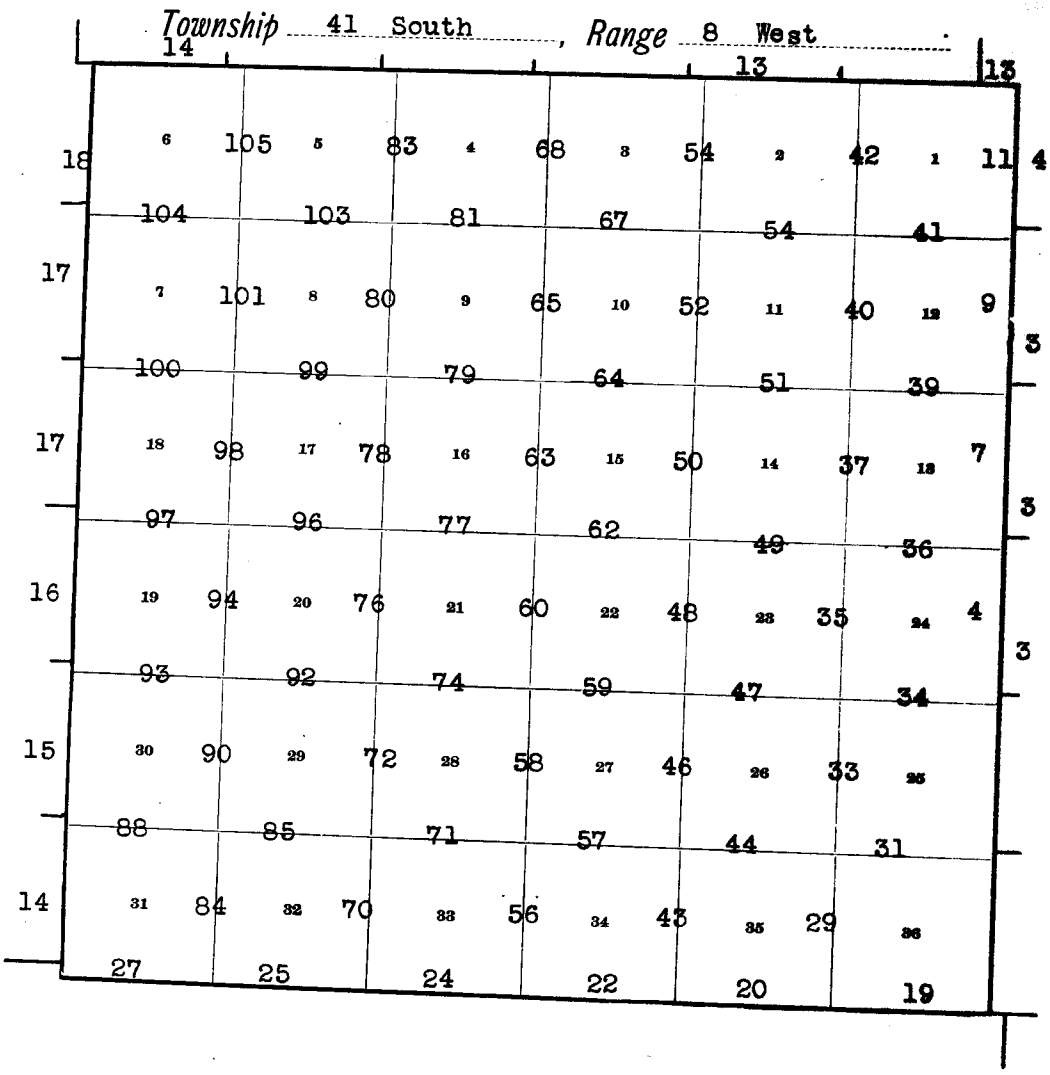
BOOK A-460

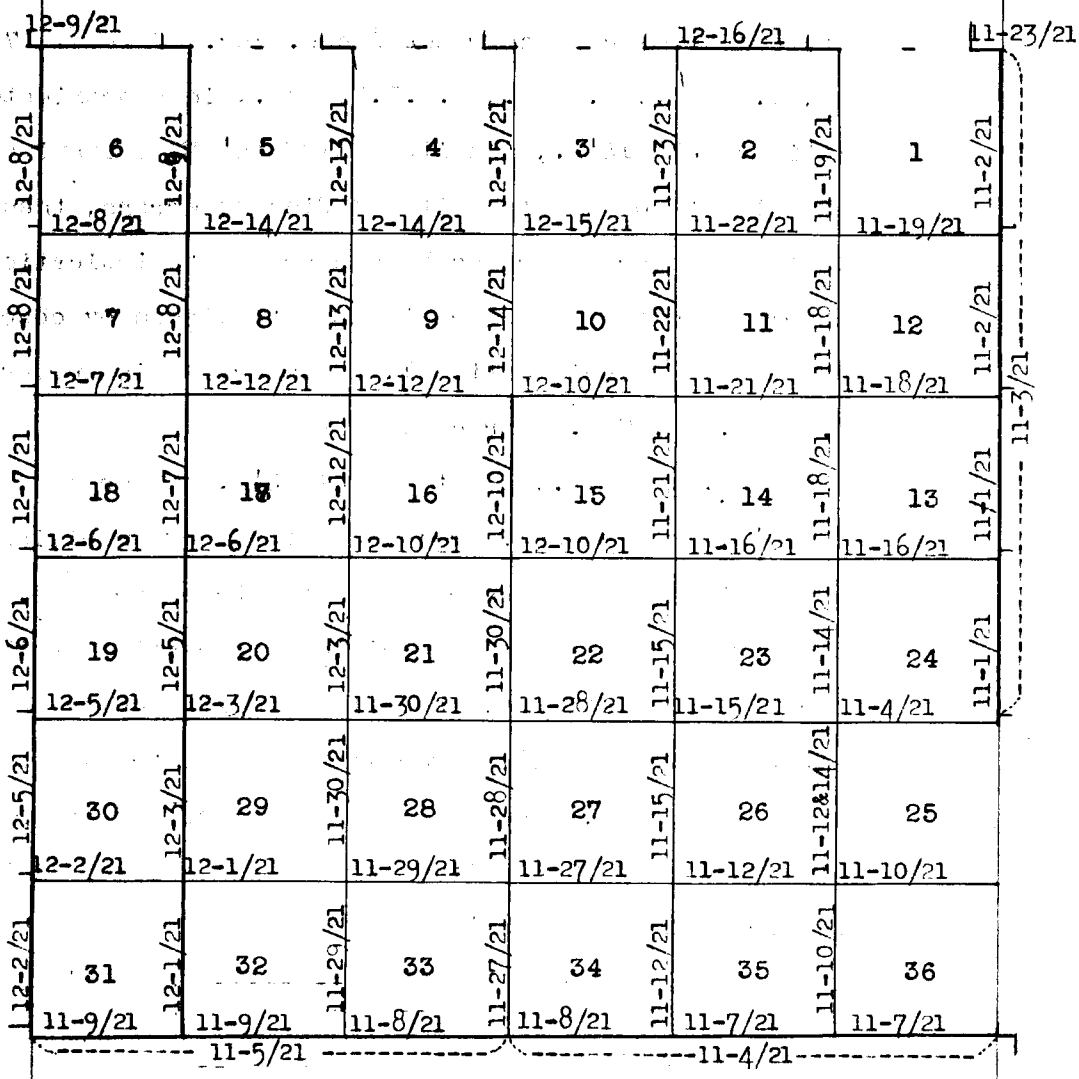
INDEX DIAGRAM.

Township 41 South, *Range* 8 West



T. 41 S., R. 8 W.

DATE DIAGRAM OF T. 41 S., R. 8 W.



The lines in this township were surveyed by Andrew Nelson, U.S. Cadastral Engineer, on dates as shown on diagram above.

Survey commenced November 1, 1921 and executed with a Buff & Buff light mountain 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

Instrument Test.

vertical circle.

The instrument was approved for use in this survey by the Assistant Supervisor of Surveys for Utah, in assignment instructions dated Oct. 30, 1921.

Oct. 30: At my camp near the ¼ sec. cor. of secs. 17 and 18, T. 41 S., R. 7 W., S.L.B. & Mer., in approximate latitude 37° 15'N., longitude 112° 38' W. I examine the adjustments of the transit and find no errors, then, to test the solar apparatus by comparing its indications hourly with the true meridian as established by observations on Polaris Sept. 11, as described in survey of T. 41 S., R. 7 W. I proceed as follows:

At 9h0m a.m. app.t., I set off 37°15'N. on the lat. arc; 13°44'S. on the decl. arc; and determine a meridian with solarwhich I find to agree with the true meridian.

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

Mean observed altitude ---------	38° 58' 00"
Reduced Latitude ----------	37° 15' 00"
Mean watch time of observation--	11h 44m 06s
Watch fast of local mean time --	oom 20s

At apparent noon, with the lat. arc unchanged I observe the sun on the meridian; the resulting reading of the decl. arc is 13° 47'S., which agrees with the computed declination of the sun.

At 3h0m p.m., app.t., with the lat. arc unchanged, I set off 13°49'S. on the decl. arc; and determine a meridian with the solar which I find to agree with the true meridian.

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.

CHAINS

The magnetic bearing of the true meridian at 9h 30m a.m. is N.15°45'W., the angle thus determined gives the magnetic declination 15°45'E.

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

MEASUREMENTS.

Unless otherwise specified all measurements are made with a Lallie steel ribbon tape 8 chains in length, compared with a Lufkin standard steel tape 1 chain in length, and found correct. The measurements are made on the slope, the vertical angle determined with clinometers, and the slope measurements properly reduced to true horizontal distances, which only appear in these notes.

Resurvey East Boundary of T.41 S., R.8 W.

From the cor of secs. 19 and 30, T. 41 S., R. 7 W., which is an iron post, 2 ins. in dia., extending 12 ins. above ground, firmly set, properly marked, and witnessed by a mound of stone to E. of post, recently established by me in the survey of T. 41 S., R. 7 W. Thence North, on retracement line, bet. secs. 19 and 24.

80.00 After a diligent search am unable to find any trace of the original cor. of secs. 13-18-19 and 24. Leave temp. point. I therefore continue my line North, and, at

159.96 Fall 2 lks. E. of the original cor. of secs. 7-12-13 and 18, hereinafter described.

The bearing of the line bet. the cor. of secs. 19 and 30, and the cor, of secs. 7-12-13 and 18 is therefore North, and proportional measurement of each mile is 79.98 chs.

From the cor. of secs. 7-12-13 and 18.

North, on retracement line, bet. secs. 7 and 12.

79.35 Fall 261 lks. W. of the cor. secs. 1-6-7 and 12, as

Chains

restored by reference to the N.E. bearing tree, hereinafter described.

The true bearing and distance of mile is therefore, N.1°53' E., 79.39 chs.

From the restored point for cor. secs. 1-6-7 and 12.

North, on retracement line, bet. secs. 1 and 6.

39.89 Fall 9 lks. W. of the original ¼ sec. cor., hereinafter described.

The bearing and distance of this ½ mile is therefore, N.0°8'E., 39.89 chs.

From the ¼ sec. cor., continue North.

80.02 Fall 78 lks. E. of the closing cor. of T. 41 S., Rs. 7 and 8 W., on the 8th standard parallel south, hereinafter described.

The bearing of the N. ½ mile is therefore N.1°7'W., and distance is 40.14 chs.

I return to the cor. of secs. 19 and 30, T. 41 S., R. 7 W., resurveying the range line N. from this cor. by establishing cors. at proportional points and changing the original cors. thereon to refer to R. 7 W. only, and setting an additional set of ¼ sec. and sec. cors. at intervals of 40.00 chs. from the cor. of secs. 24 and 25, T. 41 S., R. 8 W., which bears South, 6.98 chs. dist. from the above cor., and is an iron post, 2 ins. dia., extending 12 ins. above ground, firmly set, properly marked, and witnessed by a mound of stone to W. of post, recently established by me in the survey of T.41 S., R. 7 W.

Thence from the cor. secs. 19 and 30:

North, on resurvey line, on W. bdy. sec. 19.

Over level plowed land, lying on W. side of Virgin River Canyon.

3.50 Wash, 40 lks. wide, 20 ft. deep, course SE. about 5 chs. to river.

Chains	
9.00	N. edge of plowed land, bears W. and SE.
9.30	Wash, 25 lks. wide, 10 ft. deep, course SE.
10.50	Leave level bottom land, enter broken bench land, and medium dense cedar and pinon timber, scattering sage and service brush; asc. steep SW. slope of bench over small limestone ledges.
20.10	Top of ascent on S. edge of bench, 170 ft. above cor., bears NW. and SE.; slightly asc. over top of bench.
33.02	Northing of 40.00 chs. from the cor. of secs. 24 and 25. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for ¼ sec. cor. of sec. 24, T.41 S., R.8 W., with brass cap marked ¼ S24 | 1921 from which A cedar, 6 ins.diam.,bears S.30½°W., 35 lks. dist., marked ¼ S24 BT A cedar, 24 ins.diam.,bears N.53°W., 23 lks.dist., marked ¼ S24 BT Cor. stands on bench, slight SW. slope.
39.99	Proportionate measurement. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for ¼ sec. cor. of sec. 19, T. 41 S., R. 7 W., with brass cap marked | ¼ S19 1921 from which A cedar, 16 ins.diam.,bears S.58½°E., 64 lks. dist.,marked ¼ S19 BT A cedar, 8 ins.diam.,bears S.13¼°E., 94 lks. dist.,marked ¼ S19 BT Cor. stands on N. edge of bench, bearing W. and SE.
41.00	Descend N. slope from bench through less dense timber.
47.00	Draw, 90 ft. below bench, drains NE. to E.; asc. broken SE. slope.

Resurvey East Boundary of T. 41 S., R. 8 W.

Chains	
59.20	Wire fence, bears N.86°W. and S.82°E.
63.80	Clay spur, 80 ft. above draw, projects E.; desc. N. slope.
69.10	Base of descent, 85 ft. below spur, enter level hollow bottom and plowed land, bearing W. for 4 chs. thence N., and E.; thence over level land.
70.30	Telephone line, bears about NW. and SE.
72.10	Wash, 20 lks. wide, 8 ft. deep, drains. E. about 4 chs. to a main draw, course SE.
73.02	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 13 and 24, T. 41 S., R. 8 W., with brass cap marked

T41S S13 | T41S R7W S19
S24 R8W
1921

from which

A cedar, 8 ins.diam.,bears S.89¾°W., 263 lks. dist.,marked T41S R8W S24 BT
A cedar, 16 ins.diam.,bears N.87¼°W., 249 lks. dist.,marked T41S R8W S13 BT

79.00	Leave plowed land, bears NW. and SE.
79.98	Proportionate measurement.

True point for cor. of secs. 18 and 19, falls in bottom of wash, 50 lks. wide, 12 ft. deep, in a main hollow, drains SE., where cor. cannot be perpetuated, therefore at

80.55	Or 57 lks. N. of true point. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for witness cor. to the cor. of secs. 18 and 19, T. 41 S., R. 7 W., with brass cap marked

T41S R8W S13 | T41S S18
S19 R7W
W C
1921

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

Land, broken benches and low hills, with general exposure and drainage E. to SE. into Virgin River.

Chains	
	Soil, clay and sandy loam, and rocky; limestone and gypsum formations; some deep sandy and clay loams in hollow bottoms.
	Timber, medium dense scrub cedar and pinon, except in bottom land.
	Fair grazing land.
	Undergrowth, Scattering sage and service brush.
	North, on resurvey line, on W. bdy. sec. 18, counting distance from true cor. point.
	Across open hollow, draining SE.
0.57	The witness cor.
2.90	Wash, 50 lks. wide, 10 ft. deep, course S.20°W.
4.80	Leave hollow bottom, bears NW. and SE.; asc. steep SW. slope of bench, 150 ft. to
8.70	Top of ascent on S. edge of bench, and enter dense cedar and pinon timber, and scattered undergrowth, bearing NW. and SE.; thence over rolling and low broken bench land.
33.04	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for ¼ sec. cor. of sec. 13, T. 41 S., R. 8 W., with brass cap marked

¼
S13
1921

from which

A pinon, 10 ins.diam., bears S.32¼°W., 53 lks. dist., marked ¼ S13 BT
A pinon, 8 ins.diam., bears N.81¼°W., 61 lks. dist., marked ¼ S13 BT

	Cor. stands on an E. slope in broken gypsum formation.
	Continue over broken E. slope, over series of small draws, draining SE.
39.84	As the true point for ¼ sec. cor. falls in wash; therefore at this point, which is 15 lks. S. of true cor. point, Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for witness cor. to the ¼ sec. cor. of sec. 18, T. 41 S., R. 7 W., with brass cap marked

Resurvey East Boundary of T. 41 S., R. 8 W.

Chains	
	WC ¼ S18 1921
	from which
	A cedar, 8 ins.diam.,bears N.46¾°E., 70 lks. dist.,marked ¼ S18 BT WC A cedar, 6 ins.diam.,bears East, 41 lks. dist.,marked ¼ S18 BT WC
39.99	True point by proportionate measurement, for ¼ cor. of sec. 18, falls in small wash, 10 lks. wide, 3 ft. deep, course SE., where cor. cannot be perpetuated.
53.00	Leave broken, enter nearly level land, bears SE. and SW.
69.25	Wire fence, bears N.67°W. and S.67°E.
71.10	N. edge of bench, bears NW. and SE.; thence over rough broken slope; desc. steep N. slope, 45 ft. to
73.04	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 12 and 13, T. 41 S., R. 8 W., with brass cap marked
	T41S S12 / S13 R8W | T41S R7W S18 1921
	from which
	A pinon, 8 ins.diam.,bears S. 45°W., 89 lks. dist.,marked T41S R8W S13 BT A pinon, 8 ins.diam.,bears N.29°W., 8 lks. dist.,marked T41S R8W S12 BT
	Cor. stands on very steep NE. slope.
	Continue over broken land facing E.
76.70	Clay spur, slopes S.70°E.
79.98	The original cor. of sec. 7-12-13 and 18, which I find to be a sandstone 14x12x5 ins., properly marked with 4 grooves on S. and 2 grooves on N. faces, loosly set, and witnessed by a few stones about the cor. No trace of the old bearing trees. This cor. now refers to secs. 7 and 18, T. 41 S., R. 7 W. only. I set stone firmly in ground at exact point, from which I mark
	A pinon, 12 ins.diam.,bears S.64°E., 68 lks. dist.,marked T41S R7W S18 BT
	and raise a small mound of stone E. of cor.
	No other suitable tree within limits.

Chains	
	Land, broken and rolling bench; sandstone and gypsum formations; general exposure and drainage SE. and E.
	Soil, shallow sandy loam, clay and gypsum, with some scattered rock on slopes.
	Timber, dense cedar and pinon, on most of mile.
	Undergrowth, scattered sage and service brush.
	Fair grazing land.

	From cor. secs. 7 and 18.
	N. 1°53' E., on resurvey line, W. bdy. sec. 7.
	Over low broken land facing E. into Muddy Creek, through medium dense timber and scattered undergrowth.
0.60	Begin descent over NE. slope
6.75	Base of steep descent, 90 ft. below top, bears SE. and W., thence over hollow, slight NE. slope.
13.05	Wire fence, bears N.70°W. and S.70°E.
16.55	Wash, 1 ch. wide, 30 ft. deep, in bottom of hollow, drains NE.
24.50	N. edge of hollow, bears E. and SW.; asc. steep, rocky S. slope, 155 ft. to
28.50	Spur, projects S.70°E. about 12 chs. to end; desc. N. slope, 70 ft. to
31.50	Draw, course E.; asc. S. slope.
33.08	Northing of 40.00 chs. from cor. secs. 12 and 13.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for ¼ sec. cor. of sec. 12, T.41 S., R. 8 W., with brass cap marked
	¼ S12 1921
	from which
	A cedar, 14 ins.diam., bears S.72°W., 70 lks. dist., marked ¼ S12 BT A pinon, 8 ins.diam., bears N.78¼°W., 65 lks. dist., marked ¼ S12 BT
	Cor. stands on gentle S. slope, 15 ft. above draw.
34.20	Low spur, projects E.; desc. N. slope, 95 ft.
39.55	Wire fence, bears E., and W. for about 80 lks. dist.

Resurvey East Boundary of T. 41 S., R. 8 W.

Chains	
	thence about N.10°W.
39.69½	Proportional measurement,
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. of sec. 7, T. 41 S., R. 7 W., with brass cap marked
	¼ S7 | 1921
	from which
	A pinon, 6 ins.diam.,bears N.41¼°E., 44 lks. dist.,marked ¼ S7 BT
	and raise a mound of stone, 2 ft. base, 1½ ft. high,
	E. of cor. No other suitable tree within limits.
	Cor. stands at base of descent in N. edge of timber and SW. edge of canyon bottom, bearing NW. and SE.
	Thence over nearly level bottom land, plowed land.
69.50	Leave plowed field, bears NW. and SE.
70.20	Wash, 20 lks. wide, 10 ft. deep, from NW., course E. 2 chs. to Muddy Creek, course S.; thence along W. edge of wash bottom, near top of bank.
73.10	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 1 and 12, T. 41 S., R. 8 W., with brass cap marked
	T41S S1 / S12 R8W | T41S R7W S7 1921
	from which
	A cottonwood, 36 ins.diam.,bears S.14°W., 55 lks. dist.,marked T41S R8W S12 BT
	and raise a small mound of stone, W. of cor.
75.60	Muddy Creek, 4 lks. wide, 2 ins. deep, in wash, 1 ch. wide, 20 ft. deep, at bend from NE. to course SE.
79.39	Point for restored cor. secs. 1,6,7 and 12, now refers to secs. 6 and 7 only, (corner stone missing) from which the old bearing tree a dead cottonwood, 30 ins. dia., bears N. 12°E., 250 lks. dist. (record), blazed on SW. face with faint traces of scribe marks, too weather worn to be legible. For restored cor,

Chains	
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for secs. 6 and 7, T.41 S., R.7 W., with brass cap marked
	T41S R8W S1 | T41S S6 / S7 R7W 1921
	from which
	A cedar, 6 ins.diam.,bears N.34°E., 143 lks. dist.,marked T41S R7W S6 BT A cedar, 8 ins.diam.,bears S.4¼°E., 205 lks. dist.,marked T41S R7W S7 BT
	S. ½ mile is broken and rolling hills with general E. slope and drainage into Muddy Creek Canyon; covered with medium dense cedar and pinon timber; scattered sagebrush; soil, blue clay and stony of sandstone formation: N. ½ mile is level canyon bottom, mostly cultivated land; deep clay and sandy loam soil.

	N. 0°08' E., on resurvey line, W. bdy. sec. 6.
	Across canyon bottom.
0.20	Wire fence, bears about E. and W.
1.50	Muddy Creek, stream 4 lks. wide, 3 ins. deep, in wash, 1 to 2 chs. wide, 15 ft. deep, course SE.
4.50	Recross same, course SW.
6.20	Recross same, course SE.
10.00	Enter cultivated land, bears NW. and SE.
20.80	Irrigation ditch, 6 lks. wide, 1 ft. deep, drains SE.; and leave cultivated field, bears NW. and SE.
21.40	Wire fence, bears NW. and SE.
21.60	Cedar City to Orderville Road at base of rolling hills, bears NW. and SE.; gradually asc. S. and SW. slopes through dense timber and scattered undergrowth, 90 ft. to
33.60	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. of sec. 1, T.41 S., R.8 W., with brass cap marked
	¼ S1 | 1921

Chains

from which

A pinon, 6 ins.diam., bears S.39°W., 68 lks. dist.,marked ¼ S1 BT
A cedar, 8 ins.diam.,bears N.37½°W., 51 lks. dist.,marked ¼ S1 BT

Cor. stands on a NW. slope.

39.89 The original ¼ sec. cor., which now refers to sec. 6, T.41 S., R.7 W. only, which is a sandstone, 24x12x6 ins., lying on the ground, plainly marked ¼ on one face, from which the old bearing tree, bears N.10°W., 60 lks. dist., properly marked. I reset stone firmly in a large mound of stone, with ¼ mark facing E., from which I mark

A cedar, 8 ins.diam.,bears N.61¼°E., 103 lks. dist.,marked ¼ S6 BT
A pinon, 8 ins.diam.,bears S.69°E., 67 lks. dist.,marked ¼ S6 BT

I destroy the marks on the old bearing tree.

Cor. stands on steep, rocky W. slope at top of ascent, 25 ft. above last cor.

Thence from cor., N. 1°07' W.

Gradually descending along W. slope of hills.

54.10 Wire fence at base of hills, and S. edge of open draw, 60 ft. below cor., bears N.30°E. and S.30°W.; thence across level bottom of draw.

55.50 Enter plowed land, bears with draw.

57.10 Wash, 20 lks. wide, 3 ft. deep, in draw, drains S.30°W.

60.40 Leave plowed land, bears N.30°E. and S.30°W.

61.40 N. edge of draw, re-enter dense timber, bears N.30°E. and S.30°W.; asc. S. slope, 120 ft. to

66.00 Top of ascent from draw and S. edge of bench, bears NE. and S.30°W.; thence slight ascent over bench.

78.00 Old brush fence, bears N.10°E. and S.10°W.

80.03 The closing cor. of T.41 S., Rs. 7 and 8 W., on 8th Sta. Par. S. which is a sandstone, 18x16x6 ins., set in a mound of stone, plainly marked CC and 6 notches on S., 6 notches on E. and W. faces. There are no traces of the two old bearing trees, therefore I mark

A cedar, 14 ins.diam.,bears S.36°E., 44 lks. dist.,marked CC T41S R7W S6 BT
A pinon, 8 ins.diam.,bears S.76°W., 47 lks. dist.,marked CC T41S R8W S1 BT

Chains

S. 21.60 chs. is nearly level bottom land, lying along Muddy Creek; soil, deep clay loam; remainder of mile is low rolling hills and bench, with SW. general exposure and drainage; covered with dense cedar and pinon timber, and scattered undergrowth of sage and service brush; soil, rocky and clay; sandstone formation.

Retracement of 8th Standard Parallel South,
through portion of Range 7 W.

From the closing cor. of T.41 S., Rs. 7 and 8 W., on 8th Sta. Par. S., just described.

West, on retracement line, S. of sec. 31.

16.74 Fall 47 lks. S. of the standard cor. of T.40 S., Rs. 7 and 8 W., which is a limestone, 8x10x7 ins. above ground, firmly set, properly marked and witnessed as described by the surveyor general.

The bearing of this line is therefore, N.88°24' W., and distance is 16.75 chs.

Retracement of 8th Standard Parallel South,
through portion of Range 8 West.

From the standard cor. of secs. 35 and 36, which is a sandstone, 14x12x5 ins. above ground, firmly set, and properly marked and witnessed as described by the surveyor general.

West, on retracement line, on S. bdy. sec. 35.

41.18 Fall 2 lks. N. of the standard ¼ sec. cor., a sandstone 12x8x4 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

The bearing and distance of this half mile is therefore S.89°58' W., 41.18 chs.

From the ¼ cor., continue West.

81.04 Fall 4 lks. N. of the standard cor. of secs. 34 and 35, which is a sandstone, 12x7x6 ins., above ground, firmly set, marked and witnessed as described by the

Retracement of 8th Standard Parallel South,
through portion of Range 8 West.

Chains	
	surveyor general.
	The bearing and distance of W. ½ mile is therefore, S.89°57' W., 39.86 chs.

	From the standard cor. of secs. 31 and 32, a limestone, 10x9x6 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
	West, on retracement line, on S. bdy. sec. 31.
40.00	N. 10 lks. of my line, is the standard ¼ sec. cor., a limestone, 18x16x6 ins., above ground, firmly set, marked and witnessed as described by the surveyor general.
	The bearing and distance of this half mile are therefore, N.89°51' W., 40.00 chs.
	From my point 10 lks. S. of the ¼ sec. cor., continue West.
56.48	N. of my line 61 lks. dist. is the closing cor. of T. 41 S., Rs. 8 and 9 W., an iron post, 3 ins. dia., extending 12 ins. above ground, properly marked and witnessed as described by the surveyor general.
Note:	The true point for this cor. on Stand. Par. is 11 lks. S. (of present position)
	Continue West, from point 61 lks. S.
61.32	Fall 61 lks. S. of the standard cor. of T.40 S., Rs. 8 and 9 W., which is a sandstone, 12x12x6 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
	The bearing and distance of line bet. the ¼ sec. and tp. cor. is therefore, N.88°38' W., 21.33 chs.
	The standard tp. cor. stands on E. edge of creek, flowing. S.

	Resurvey of West Boundary T.41 S., R.8 W.
	I resurvey the west boundary of the tp. setting an additional set of ¼ sec. cors. for R. 8 W. only, changing the old corners to refer to range 9 W. only.
	From the cor. of Ts. 41 and 42 S., R. 9 W., hereinafter described, which bears North, 6.72 chs. dist. from the

Chains	
	closing cor. of Ts. 41 & 42 S., R. 8 W., as established by me in the survey of S. bdy.
	Thence,
	North, on resurvey line, on E. bdy. sec. 36.
33.27	Point midway bet. the closing cor. of Ts. 41 & 42 S., R. 8 W., and the closing cor. of secs. 30 & 31, T. 41 S., R. 8 W.
	Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in the ground to bedrock, and in a large mound of stone, with 5 ft. base, for ¼ sec. cor., on W. bdy. sec. 31, T. 41 S., R.8 W., with brass cap marked
	¼ S31 1921
	from which
	A pinon, 6 ins.diam.,bears N.48¼°E., 26 lks. dist.,marked ¼ S31 BT A pinon, 10 ins.diam.,bears S.50½°E., 77 lks. dist.,marked ¼ S31 BT
	Cor. stands on gentle W. slope.
40.00	The ¼ sec. cor. bet. secs. 31 and 36, which is an iron post, 1 in. dia., extending 14 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I destroy all marks on this cor. pertaining to sec. 31, leaving it the cor. for sec. 36 only.
73.26	The closing cor. of secs. 30 and 31, T.41 S., R. 8 W., for description see notes of subdivision.
80.00	The cor. of secs. 25 and 36, T.41 S., R. 9 W., hereinafter described.

	North, on resurvey line, on E. bdy. sec. 25.
33.18	Point midway bet. the closing cors. of secs. 19 and 30, and secs. 30 and 31.
	Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in the ground to bedrock, and in a mound of stone, for ¼ sec. cor., on W. bdy. sec. 30, T.41 S., R.8 W., with brass cap marked

Chains

$\frac{1}{4}$
S30
1921

from which

A pinon, 6 ins.diam.,bears N.35°E., 62 lks. dist.,marked $\frac{1}{4}$ S30 BT
A pinon, 14 ins.diam.,bears S.16½°E., 64 lks. dist.,marked $\frac{1}{4}$ S30 BT

Cor. stands on steep E. slope, 1 ch. N. of small draw, draining E.

40.00 The $\frac{1}{4}$ sec. cor. bet. secs. 25 and 30, which is an iron post, 1 in. dia., extending 15 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I destroy all marks on this cor. pertaining to sec. 30, leaving it the cor. of sec. 25 only.

72.10 The closing cor. of secs. 19 and 30, T.41 S., R.8 W.

[illegible].00 The cor. of secs. 24 and 25, T.41 S., R. 9 W., hereinafter described.

North, on resurvey line, on E. bdy. sec. 24.

33.67 Point midway bet. the closing cors. of secs. 18 & 19, and secs. 19 & 30, on gentle NE. slope.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., on W. bdy. sec. 19, T. 41 S., R. 8 W., with brass cap marked

$\frac{1}{4}$
S19
1921

from which

A pinon, 8 ins.diam.,bears N.44°E., 66 lks. dist., marked $\frac{1}{4}$ S19 BT
A cedar, 8 ins.diam.,bears S.36½°E., 30 lks. dist.,marked $\frac{1}{4}$ S19 BT

40.[illegible] The $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24, which is an iron post, 1 in. dia., extending 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I destroy all marks on this cor. pertaining to sec. 19, leaving it the cor. of sec. 24 only.

Chains	
73.04	The closing cor. of secs. 18 and 19, T. 41 S., R. 8 W.
80.00	The cor. of secs. 13 and 24, T.41 S., R. 9 W., hereinafter described.

	North, on resurvey line, on E. bdy. sec. 13.
33.05	Point midway bet. the closing cors. of secs. 7 & 18, and secs. 18 & 19.
	Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in the ground to bedrock, and in a large mound of stone, for ¼ sec. cor. on W. bdy. sec. 18, T.41 S., R.8 W., with brass cap marked
	¼ S18 1921
	from which
	A cedar, 8 ins.diam.,bears S.72¼°E., 84 lks. dist.,marked ¼ S18 BT
	No other suitable tree within limits for bearing tree.
	Cor. stands on a SE. slope, approximately 2 chs. N. and 25 ft. above creek, course SE.
40.00	The ¼ sec. cor. bet. secs. 13 and 18, which is an iron post, 1 in. dia., extending 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I destroy all marks on this cor. pertaining to sec. 18, leaving it for cor. sec. 13 only.
73.06	The closing cor. of secs. 7 and 18, T.41 S., R. 8 W.,
80.00	The cor. of secs. 12 and 13, T.41 S.,R. 9 W., hereinafter described.

	North, on resurvey line, on E. bdy. sec. 12.
33.08	Point midway bet. the closing cors. of secs. 6 & 7, and secs. 7 & 18.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., on W. bdy. sec. 7, T.41 S., R. 8 W., with brass cap marked.

Resurvey West Boundary of T.41 S., R. 8 W.

Chains	
	$\frac{1}{4}$ S7 1921
	from which
	A pinon, 6 ins.diam.,bears N.30½°E., 60 lks. dist.,marked ¼ S7 BT A cedar, 5 ins.diam.,bears S.42¾°E., 94 lks. dist.,marked ¼ S7 BT
	Cor. stands on nearly level bench, slight E. slope.
40.00	The ¼ sec. cor. bet. secs. 7 and 12, which is an iron post, 1 in. dia., extending 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I destroy all marks on this cor. pertaining to sec. 7, leaving it for cor. sec. 12 only.
73.10	The closing cor. of secs. 6 and 7, T.41 S.,R.8 W.
80.00	The cor. of secs. 1 and 12, T.41 S., R.9 W., hereinafter described.

	North, on resurvey line, on E. bdy. sec. 1.
33.10	Northing of 40.00 chs. from the closing cor. of secs. 6 and 7.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. on W. bdy. sec. 6, T.41 S., R.8 W., with brass cap marked
	$\frac{1}{4}$ S6 1921
	from which
	A cedar, 7 ins.diam.,bears N.42°E., 69 lks. dist.,marked ¼ S6 BT A pinon, 6 ins.diam.,bears N.22°E., 27 lks. dist.,marked ¼ S6 BT
	Cor. stands in shallow swale, draining W.
40.00	The ¼ sec. cor. bet. secs. 1 and 6, which is an iron post, 1 in. dia., extending 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I destroy all marks on this cor. pertaining to sec. 6, leaving it for cor. of sec. 1 only.
80.86	The intersection with Stan.Par.& true position for C.C.
80.97	The closing cor. of T. 41 S., Rs. 8 and 9 W.

Chains	South Boundary, Tp. 41 S. R. 8 W.
	From the cor. of T. 41 S., Rs. 7 and 8 W., an iron post, 3 ins. dia., firmly set; as recently established by me and described in the notes of survey of T.41 S.,R.7 W.
	Thence,
	West, on random line, for alinement only, along the S. bdy. of T.41 S., R. 8 W., intersecting the E. bdy. of T. 42 S., R.9 W., 6.72 chs. South of the cor. of Ts. 41 & 42 S., Rs. 8 and 9 W., hereinafter described.
	As the falling is out of limits I return to the cor. of T.41 S.,Rs. 7 and 8 W., which is 4.26 chs. W. of the cor. of T.42 S.,Rs. 7 and 8 W., and survey the South boundary of the tp., setting ¼ sec. and sec. cor. at regular intervals for T.41 S. only.
	Thence,
	West, on S. bdy. sec. 36.
	Over broken mountainous land, through dense timber and scattering undergrowth along top of bench to
1.30	Edge of bench and E. rim of gulch, bears N.20°W. and S.20°E.; desc. abrupt, rocky W. slope, 230 ft. to
6.80	Bottom of gulch, course NW.; asc. abrupt E. slope, 200 ft.
15.70	Short spur, projects N.; desc. gradual NW. slope, 35 ft.
20.20	Cross head of small draw, drains NE.; asc. 80 ft. to
23.30	E. edge of bench, bears N. and SE.; thence over rolling top, having a slight N. slope.
39.70	W. edge of bench, bears N.30°W. and S.; desc. abrupt, rocky W. slope.
40.00	On steep W. slope, 25 ft. below rim.
	Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in the ground to bedrock, and in a large mound of stone, for ¼ sec. cor. of sec. 36, with brass cap marked
	¼ S36 / 1921
	from which
	A pinon, 8 ins.diam.,bears N.52½°E., 36 lks. dist.,marked ¼ S36 BT
	A pinon, 6 ins.diam.,bears N.62½°W., 91 lks. dist.,marked ¼ S36 BT

Chains

47.30 Gulch, 245 ft. below ¼ cor., drains NW. about 4 chs. to Virgin River Canyon.; asc. abrupt, rocky E. slope, 230 ft.

58.90 Top of ascent on N. slope, ascends to the S.; desc. abrupt W. slope, 275 ft. to

69.10 Short gulch, drains N.; asc. 75 ft. to

75.00 Thence along a broken N. slope, from 1 to 3 chs. S. of a high vertical rim, bearing nearly E. and W., on S. side of the Virgin River.

80.00 On a N. slope, 2 chs. S. of the rim.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 35 and 36, T.41 S., R.8 W., with brass cap marked

T41S	R8W
S35	S36

T42S
1921

from which

A pinon, 8 ins.diam.,bears N.44¼°E., 91 lks. dist.,marked T41S R8W S36 BT
A pinon, 14 ins.diam.,bears N.20½°W., 56 lks. dist., marked T41S R8W S35 BT

Land, broken mountainous, with abrupt slopes; general NW. and N. exposure and drainage into the Virgin River.

Soil, rocky and shallow clay and gravelly loams, on rock subsoil; formation a blue limestone capping, 5 to 15 ft. on top of red and white sandstone.

Timber, dense scrub cedar and pinon, on mile.

Undergrowth, scattering service, buck and sage brush.

Poor grazing land.

West, on S. bdy. sec. 35.

Over broken mountainous land, through dense timber and scattering undergrowth; rocky soil.

2.80 Begin descent over NW. slope of 190 ft. to

13.20 Depression on N. slope, drains N. into Virgin River Canyon. Gradually asc. E. slope, 140 ft. to

25.16 Top of 300 ft. rim on S. side of Virgin River Canyon, bearing about S.80°W. and NE. The rim is nearly vertical

Chains	
	sandstone ledge about 200 ft. high, with abrupt slope at base, over which it is impossible to chain, and as the line to the W. follows along the rim making it impracticable to continue on true line, I proceed with measurement as follows:
	Offset North, approximately 8 chs. (impossible to measure distance on account of ledge) to canyon bottom, thence on offset line, along level canyon bottom,
	West, 14.84 chs., or westing of 40.00 chs., leave temp. point here, thence
	South, 7.82 chs. to point for ¼ sec. cor. on true line, which bears West of the flag left at 25.16 chs. point.
40.00	Set an iron post, 3 ft. long, 1 in. dia., 20 ins. drilled into solid sandstone bedrock, for ¼ sec. cor. of sec. 35, with brass cap marked
	¼ S35 / 1921
	from which
	A yellow pine, 10 ins.diam.,bears N.6½°E., 58 lks. dist.,marked ¼ S35 BT
	A cross, cut in E. face of sandstone wall, bears N.70½°W., 28 lks. dist., with marks B.O. ¼ S35
	This cor. stands on E. slope of sandstone point of the main, high rim or wall of canyon, 100 ft. above canyon bottom and 240 ft. below the flag on top of rim to E.
	The line W. from the ¼ sec. cor. follows along the canyon rim, a sandstone wall about 400 ft. high and nearly vertical, for more than a ¼ of a mile, making it impossible to survey on true line; therefore I return to temp. point left 7.82 chs. N. of ¼ cor. and continue on offset line, in bottom of canyon.
	West, with continuous measurement.
	At 56.10 chs.(on offset line) Cross the Rio Virgin 20 lks. wide, 1 to 2 ft. deep, course SW.
	At 70.00 chs., thence
	South, 7.82 chs. to true line, thence

Chains

West, on true line; along a rolling N. slope, on S. side of river, through scattering timber.

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

T41S	R8W
S34	S35

T 42 S
1921

from which

A cottonwood, 10 ins.diam.,bears N.34½°E., 69 lks. dist.,marked T41S R8W S35 BT

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. No tree whitin limits in sec. 34.

Cor. stands about 1½ chs. E. and ½ ch. S. of the river, which flows SW. on gravelly bank, 15 ft. above stream.

Land, broken mountainous land, lying along S. rim of the Rio Virgin River Canyon and canyon bottom.

Soil, rocky in form of ledges and boulders, except in canyon bottom where it is sandy loam.

Timber, dense to scattering scrub cedar and pinon, with a few scattered yellow pines.

Undergrowth, scattered service, oak and sagebrush.

Poor grazing land on most of mile.

West, on S. bdy. sec. 34.

Across canyon bottom.

1.50 Rio Virgin . 30 lks. wide, 1 ft. deep, muddy water, in wash, 1 to 2 chs. wide, 25 ft. deep, course SW.

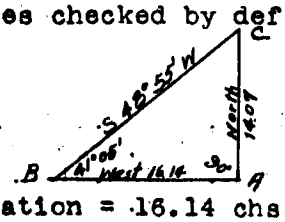
3.40 W. bank of river, 20 ft. high, vertical, bears NE. and SW.; thence through cultivated field.

3.60 Point of triangulation. As the line to W. passes over a high sandstone rim or wall of canyon, up which I cannot chain, and this being the most suitable place for base, I determine dist. to top as follows:

Set flag on line W. at top of rim, which I designate "A" vertical angle to same is plus 21°35'. Thence measure

Chains

base "BC" North, 14.07 chs. to point whence "A" bears S.48°55'W. From "A" base "BC" subtends angle of 41°05'. All bearings and angles checked by deflection.



Distance by triangulation = 16.14 chs.
Distance measured = 3.60
19.74 "

19.74 Top of sandstone rim, a vertical ledge, 200 ft. high, and 400 ft. above river, bears N.10°E. and S.10°W.; ascend steep E. slope, through dense timber and scattered undergrowth.

33.00 Top of steep ascent, 270 ft. above the rim, bears N. and SW.; thence more gradual ascent over bench.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. of sec. 34, with brass cap marked

¼ S34
1921

from which

A cedar, 20 ins.diam.,bears N.54°W., 28 lks. dist.,marked ¼ S34 BT
A pinon, 18 ins.diam.,bears N.51°E., 29 lks. dist.,marked ¼ S34 BT

43.50 Begin ascent over E. slope.

48.20 Top of ridge, 145 ft. above ¼ cor. and 815 ft. above river, bears N.30°W. and S.30°E.; thence over broken bench or mesa, general slope to S.; gradually desc.

65.80 Small gulch, near head, 60 ft. deep, and 165 ft. below ridge, course S.; asc.

68.70 Low spur, bet. gulches, 50 ft. high, projects S. about 5 chs. to end.; desc. 70 ft. to

72.70 Main gulch, course S.30°E.; thence gradually asc. over SE. and E. slopes.

80.00 On a gradual SE. slope, 85 ft. above gulch.
Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 33 and 34, with brass cap marked

South boundary of T. 41 S., R. 8 W.

Chains

T41S	R8W
S33	S34

T42S
1921

from which

A pinon, 8 ins.,diam.,bears N.39½°E., 56 lks. dist.,marked T41S R8W S34 BT
A pinon, 8 ins.diam.,bears N.77½°W., 91 lks. dist.,marked T41S R8W S33 BT

Land, E. 10 chs. is nearly level bottom of Rio Virgin Canyon: deep sandy loam soil, cultivated land on portion: next 10 chs. is canyon rim, nearly vertical, 400 ft. high; remainder of mile is broken and rolling bench or mesa land, with general slope to S., at an elevation of 700 to 800 ft. above the river; covered with a medium dense growth of cedar and pinon timber; and scattered service, juniper and sage brush; soil, rocky with shallow sandy and clay loams; sandstone and limestone formations.

Test, on S. bdy. sec. 33.

Over rolling and low broken bench land, through dense timber and scattering undergrowth; gradually asc. E. slope, 70 ft. to

9.00 Top of ascent, rises to NE. and slopes off to SE.; thence slightly desc. SW. and S. slopes.

22.90 Base of descent and wide, shallow draw, 55 ft. below top of ascent, course SE.; asc. E. slope, 150 ft. to

37.90 Ridge, bears N. and S.; desc. W. slope, 25 ft. to

40.00 On gradual 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

1921

from which

A pinon, 14 ins.diam.,bears N.81¾°W., 62 lks. dist.,marked ¼ S33 BT
A pinon, 6 ins.diam.,bears N.14¼°W., 32 lks. dist.,marked ¼ S33 BT

Chains	
	Thence over low, broken land, facing S.; gently desc.
63.70	Draw at base of descent, 60 ft. below ¼ cor., course SE. Gradually asc. SE. and S. slopes.
80.00	On gradual S. slope, 75 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 32 and 33, with brass cap marked

T41S | R8W
S32 | S33

T42S
1921

from which

A pinon, 14 ins.diam.,bears N.15¾°W., 67 lks. dist.,marked T41S R8W S32 BT
A pinon, 10 ins.diam.,bears N.71½°E., 88 lks. dist.,marked T41S R8W S33 BT

Land, rolling and broken bench, having a general southern exposure and drainage into Rio Virgin River.

Soil, rocky with shallow clay and gravelly loams, on rock and clay subsoil; formation sandstone, with capping of limestone in places.

Timber, dense cedar and pinon, on mile.

Undergrowth, scattering service, juniper, sage and manzinata brush.

Poor grazing land.

	West, on S. bdy. sec. 32.
	Over broken bench land, through dense timber and scattering undergrowth; gradually asc. along a S. slope.
14.00	Top of ascent on SW. point of higher bench, 55 ft. above cor., bench extends NE. and slopes off to S.; desc. steep W. slope, 120 ft. to
23.20	Depression on S. slope, 50 lks. N. of a 200 ft. sandstone rim, bearing SE. and SW; asc. SE. slope, 15 ft.
26.00	Thence over nearly level, lower bench, bears NE. and SW.
40.00	On nearly level ground.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. of sec. 32, with brass cap marked

Chains

$\frac{1}{4}$ S32

1921

from which

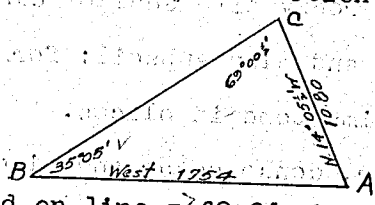
A cedar, 6 ins.diam., bears N.74$\frac{1}{4}$°E., 31 lks. dist., marked $\frac{1}{4}$ S32 BT

A pinon, 6 ins.diam., bears N.1°E., 78 lks. dist., marked $\frac{1}{4}$ S32 BT

60.80 W. edge of the bench, bears NE. and S.10°W.; desc. abrupt W. slope, 210 ft. towards rim of gulch.

68.04 Top of a 200 ft. rim ledge on E. side of gulch about 400 ft. deep, across which it is impossible to chain; the rim bears N.15°W. and S.15°E. To determine distance across gulch I proceed as follows:

I designate this point "A" and set flag "B" west on opposite side, then measure base "AC" N.14°05$\frac{1}{2}$'W., 10.80 chs. to point whence "B" subtends an angle of 69°00'30". From "B" the base AC subtends angle of 35°05'. All angles checked by deflection.



Distance measured on line = 68.04 chs.
Distance by triangulation = 17.54 "
85.58 "
Dist. by return measurement 1.08
84.50

Approximate topography as follows:

From E. rim, desc. abruptly over ledges and abrupt slope.

79.00 Bottom of rocky gulch, heads N. against ridge about 15 chs., drains S. into Rio Virgin. Abrupt ascent over W. rim, nearly vertical sandstone ledge.

80.00 True point for sec. cor. falls on impracticable place where cor. cannot be set. No cor. set. here.

84.50 On top of W. rim, 400 ft. above bottom, bears N. and S. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for witness cor. to the cor. secs. 31 and 32, with brass cap marked

T41S	R8W
S31	S32

WC

T42S
1921

Chains

from which

A pine, 6 ins.diam.,bears N.1° W., 22 lks. dist.,marked WC T41S R8W S31 BT
A pine, 8 ins.diam.,bears N.12½°W., 62 lks. dist.,marked WC T41S R8W S31 BT

Land, broken bench and mountainous; general S. exposure and drainage.

Soil, rocky and sandy loam; sandstone and limestone formations.

Timber, dense cedar and pinon, on mile.

Undergrowth, scattering service, sage and juniper brush.

Fair grazing land on portions of mile.

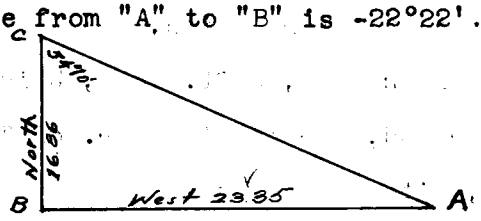
West, on S. bdy. sec. 31, counting distance from true cor. point.

4.50 The witness cor.; gradually asc. E. slope, through dense timber, 150 ft. to

14.00 Top of high ridge or narrow point of bench from the NE., extends SW. about ½ mile to end.; desc. 10 ft. to

15.82 Top of 400 ft. perpendicular sandstone ledge on E. rim of Meadow Gulch, bears N.10°E. and S.30°W.; down which it is impossible to chain. I triangulate as follows: erect flag at this point which I designate "A" and set flag "B" west, a considerable dist. beyond the base. As there is no suitable place for base line along the rim, proceed to flag "B" and measure base "BC" North, 16.86 chs. to point whence "A" subtends angle of 54°10'

Vertical angle from "A" to "B" is -22°22'.



Dist. measured = 15.82 chs.
Dist. by tri. = 23.35
39.17 "

Approximate topography as follows:

From rim at 15.82 chs., abrupt descent over W. face of ledge.

20.00 Base of rim, 500 ft. below top, bears with top.: thence gradually desc. over broken land, facing NW. through

Chains

medium dense timber.

39.17 Point of triangulation; 635 ft. below top of rim.; thence by chaining.

40.00 On a steep, sandy W. slope.

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

¼ S31

1921

from which

A pinon, 14 ins.diam.,bears N.78¼°E., 77 lks. dist.,marked ¼ S31 BT
A cedar, 6 ins.diam.,bears N.11½°W., 44 lks. dist.,marked ¼ S31 BT

Descend steep W. slope, 180 ft. to

46.90 Creek, 10 lks. wide, 2 ins. deep, muddy water, in bottom of Little Meadow Gulch, course S.30°W.; asc. abruptly over sandrock, through scattering scrub timber.

56.00 Thence more gradual ascent over S. and SE. slope.

72.98 Intersect E. bdy. of T.42 S.,R.9 W., 6.72 chs. S. of cor. Ts. 41 & 42 S., Rs.8 & 9 W., which is an iron post, 3 ins. dia., loosely set in a small mound of stone on bedrock, marked and witnessed as described by the surveyor general. I set the post firmly in a larger mound of stone, and destroy all marks on post and bearing trees pertaining to R. 8 W., leaving cor. for Ts. 41 & 42 S., R.9 W. only.

At point of intersection,

Set an iron post, 3 ft. long, 3 ins. dia., 28 ins. in the ground, for closing cor. of Ts. 41 and 42 S., R. 8 W., with brass cap marked

T42S
R9W
S1

T41S
R8W
S31
CC
S6
T42S

1921

from which

A yellow pine, 18 ins.diam.,bears N.69½°E., 101 lks. dist.,marked CC T41S R8W S31 BT
A cedar, 8 ins.diam.,bears S.58°E., 90 lks. dist.,marked CC T42S R8W S6 BT

Chains

Cor. stands on an E. slope, 305 ft. above creek, at base of high sandstone rim to W.

Land, mountainous, broken with high, nearly impassable sandstone rims and rough slopes; drainage into Little Meadow Gulch & Rio Virgin River.

Soil, rocky in form of ledges and barren sandrock, with shallow sandy and gravelly loams.

Timber, dense to scattering cedar and pinon, with a few yellow pine on W. ½ mile.

Undergrowth, scattering service sage and manzanita brush.

Poor grazing land on greater part of mile.

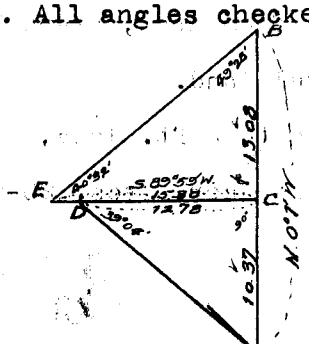
Subdivision of T. 41 S., R. 8 W.

From the cor. of secs. 35 and 36 on S. bdy. of tp. N. 0°01' W., bet. secs. 35 and 36.

Over mountainous land, through dense timber and scattering undergrowth; desc. N. slope, 50 ft. to

1.96 Top of a 275 ft. nearly vertical sandstone rim on S. side of Rio Virgin Canyon, bears nearly E. and W. As it is impossible to chain down this rim or up the opposite rim on N. side of canyon, I triangulate across canyon as follows: The only suitable place for base line is in bottom of canyon, therefore, erect flag at this point, which I designate "A", set flag "B" on top of N. rim, and flag "C" in bottom of canyon, on line; then from "C" measure base line, S82°59'W., "CD" 12.78 chs., and "CE" 15.30 chs. From D. "AC" subtends angle of 39°04'; from "E" "BC" subtends angle of 40°32'. From "B" base CE subtends angle of 49°28'.

Vertical angle from "A" to "C" is -23¼°, and "C" to "B" is plus 18°10'. All angles checked by deflection.



Subdivision of T. 41 S., R. 8 W.

Chains	
	Dist. by chaining -------- = 1.96 chs. Dist. by triangulation "AC" = 10.37 " " " "CB" = 13.08 25.41 "
	Approximate topography as follows:
	From rim on S. side; abrupt descent over N. face of rim.
4.00	Base of rim, and S. side of canyon bottom, 275 ft. below top, bears E. and N.80°W.; thence over level bottom, plowed land.
12.00	Road, to Boyle's ranch, bears N.80°W. and E.
13.00	Leave plowed land, bears NW. and SE.
16.00	Rio Virgin [illegible], 30 lks. wide, 1 ft. deep, course S.80° W., 300 ft. below top of S. rim.
22.00	N. edge of bottom land, at base of sandstone rim ledge, bears E. and W.; abrupt ascent S. face of rim.
25.41	Triangulation point, 285 ft. above river, bears E. & W.
	Ascend broken S. slope, through dense timber and scattering undergrowth, 210 ft. to
40.00	On a S. slope.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for ¼ sec. cor., with brass cap marked
	¼ S35 | S36 1921
	from which
	A pinon, 8 ins.diam.,bears S.42°E., 40 lks. dist.,marked ¼ S36 BT A pinon, 12 ins.diam.,bears N.33¼°W., 52 lks. dist.,marked ¼ S35 BT
46.00	Top of ascent on bench, 75 ft. above cor., bears NW. and SE.; thence over rolling top of bench, slight NE. slope.
67.60	Head of draw, 50 ft. deep, and 80 ft. below top, drains SE.; gradually asc. 60 ft. to
74.75	Top of ascent from draw, bears NW. and SE.
80.00	On nearly level land.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 25-26-35 and 36, with brass cap marked

Subdivision of T. 41 S., R. 8 W.

Chains	
	T41S | R8W S26 | S25 S35 | S36 1921
	from which
	A cedar, 16 ins.diam.,bears N.44½°E., 47 lks. dist.,marked T41S R8W S25 BT A cedar, 10 ins.diam.,bears S.80°E., 24 lks. dist.,marked T41S R8W S36 BT A cedar, 6 ins.diam.,bears S.14¾°W., 23 lks. dist.,marked T41S R8W S35 BT A cedar, 6 ins.diam.,bears N.68¼°W., 21 lks. dist.,marked T41S R8W S26 BT
	Land, mountainous, broken by rim walls of the Rio Virgin River, and broken bench.
	Soil, rocky and shallow sandy and clay loams, except in canyon bottom where it is deep sandy loam; formation red and white sandstone, with a shallow capping of limestone on surface.
	Timber, dense cedar and pinon, except in canyon, which has a few scattering cottonwoods.
	Undergrowth, scattering sage, service and buck brush.
	Poor grazing land on greater part of mile.

	East, on random line, bet. secs, 25 and 36.
40.00	Set temp. ¼ sec. cor.
79.86	Intersect E. bdy. of tp., at the cor. of secs. 25 and 36, an iron post, 2 ins. dia., as recently established by me in the survey of T.41 S.,R.7 W.
	Thence,
	West, on true line, bet. secs. 25 and 36.
	Over mountainous land, through dense timber and scattering undergrowth; gradually desc. SW. slope.
4.10	County road, at S. end of dugway, bears N. and S.80°E.
5.00	Draw, 55 ft. below cor., course from nearly E. to N. where it drops over sandstone rim.; thence desc. over N. and NW. slopes.
11.00	Old Sheep Shearing pens, bears approximately N. 5 chs. dist.
22.50	Base of slope and edge of canyon bottom, 210 ft. below cor., bears NE. and SW.; thence across canyon bottom,

Subdivision of T. 41 S., R. 8 W.

Chains	
	through sagebrush and few scattered cottonwood trees.
24.40	Rio Virgin , 25 lks. wide, 1 to 2 ft. deep, in bottom of canyon, course S.20°W.
25.90	Road, bears N.20°E. and S.20°W.
27.30	Leave canyon bottom, bears N.20°E. and S.; asc. through dense timber.
30.20	Spur, 100 ft. above canyon, projects SE. 5 chs. to end. Desc. W. slope 15. ft to
31.40	Gulch, from NW., course SE.; asc. abruptly E. slope of canyon.
39.93	On abrupt E. slope, 260 ft. above gulch.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for ¼ sec. cor., with brass cap marked
	¼ S25 / S36 1921
	from which
	A pinon, 6 ins.diam.,bears N.28¼°W., 44 lks. dist.,marked ¼ S25 BT
	A cedar, 16 ins.diam.,bears S.15½°E., 80 lks. dist.,marked ¼ S36 BT
	Continue abrupt ascent over E. slope, 60 ft. to
41.60	Top of canyon slope and edge of bench, 305 ft. above river, bears N. and S.; thence over rolling and broken bench.
47.70	Begin gradual descent over NW. slope.
51.30	Depression on N. slope, 50 ft. below bench, drains N.; asc. along a N. slope, 60 ft. to
57.90	Top of ascent on N. slope, ascends to S.; desc. 20 ft.
60.30	Cross near head of draw, course NE.; asc. 60 ft. to
62.75	Thence over bench, slight E. slope.
79.86	The cor. of secs. 25-26-35 and 36.
	Land, broken mountainous and bench; E. and W. exposures, drainage into Rio Virgin
	Soil, rocky and shallow sandy and clay loams; formation sandstone with capping of blue limestone.
	Timber, dense cedar and pinon, with scattering cotton-

Chains

Woods along Rio Virgin River.

Undergrowth, scattering sage, service, buck and juniper brush.

Poor grazing land, except in canyon bottom.

N. 0°01' W., bet. secs. 25 and 26.

Over nearly level and gently rolling bench, slight E. exposure, through dense timber and scattering undergrowth.

40.00 On a N. slope.

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

¼
S26 | S25
1921

from which

A pinon, 6 ins.diam.,bears S.63°E., 66 lks. dist.,marked ¼ S25 BT
A pinon, 12 ins.diam.,bears N.89½°W., 55 lks. dist.,marked ¼ S26 BT

41.00 Near head of small draw, 25 ft. deep, course E.

50.40 Small draw, 40 ft. deep, course SE.

56.70 Wire fence, bears N.60°W. and S.60°E.

62.30 Road, Mt. Carmel to Clear Creek and Zion Canyon, bears N.70°E. and S.70°W.

64.20 Wash, 30 lks. wide, 3 ft. deep, course E. for 2 chs., thence nearly S., and base of gradual descent; asc. over gradual SE. slope, 50 ft. to

80.00 On S. slope near top.

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

T41S | R8W
S23 | S24
S26 | S25
1921

from which

A pinon, 8 ins.diam.,bears N.51¼°E., 31 lks. dist.,marked T41S R8W S24 BT

Chains

A cedar, 6 ins.diam.,bears S.30°E., 6 lks. dist.,marked T41S R8W S25 BT
A cedar, 8 ins.diam.,bears S.43½°W., 58 lks. dist.,marked T41S R8W S26 BT
A cedar, 16 ins.diam.,bears N.19½°W., 111 lks. dist.,marked T41S R8W S23 BT

Land, nearly level and gently rolling bench, having a general E. and SE. exposure; drainage SE.

Soil, shallow sandy and clay loams, on rock subsoil; limestone and sandstone formations.

Timber, dense cedar and pinon, on mile.

Undergrowth, short scattering sage and service brush.

Fair grazing land.

East, on random line, bet. secs. 24 and 25.

40.00 Set temp. ¼ sec. cor.

79.78 Intersect E. bdy. of tp., 16 lks. N. of cor. secs. 24 and 25, heretofore described.

Thence,

N.89°53' W., on true line, bet. secs. 24 and 25.

Over level bottom land, in W. edge of Rio Virgin Canyon, through dense sage brush.

2.60 Road, Mt. Carmel to Clear Creek and Zion Canyon, bears N.80°E. and S.80°W.

4.00 Same road, bears NW. and SE.

6.90 Leave bottom land and dense sagebrush, bears N. to NE. and SE.: asc. steep, rocky E. slope of bench, through dense timber.

19.50 Top of ascent and E. edge of bench, 155 ft. above bottom, bears NW. and SE.: thence gradually asc. over rolling bench, E. slope.

28.50 Same road, bears NE. and SW.

32.30 Wash, 30 lks. wide, 1 ft. deep, rock bottom, course N. 70°E.

39.89 In a small drain, course S.80°E.

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

¼ S24 / S25 / 1921

CHAINS	
	from which
	A cedar, 6 ins. diam., bears N.62¼°E., 44 lks. dist., marked ¼ S24 BT
	A cedar, 8 ins. diam., bears S.20°W., 47 lks. dist., marked ¼ S25 BT
	Thence over more broken land, facing SE.; ascending.
59.00	Top of raise, 80 ft. above ¼ cor., bears N. and S.20°E.
60.00	Wood road, bears N. and S.; desc. W. slope, 65 ft. to
72.40	Wash, 20 lks. wide, 8 ft. deep, in main draw, course S.; asc. E. slope.
74.90	Wood road, bears NW. and SE.
77.00	Top of ascent from wash, 65 ft. above same, bears N. and S.; thence over slight SW. slope.
79.78	The cor. of secs. 23-24-25 and 26.
	Land, E. 6.90 chs. level canyon bottom, covered with dense sagebrush 4 ft. high; remainder is rolling and broken bench land, with general E. and S. exposures and drainage.
	Soil, shallow clay and sandy loams, 6 ins. to 1 ft. deep, lying on limestone bedrock.
	Timber, dense cedar and pinon, on most of mile.
	Undergrowth, sage and service brush.
	Fair grazing land.

	N. 0°01' W., bet. secs. 23 and 24.
	Over rolling and broken bench land, through dense timber and scattering undergrowth; gently asc.
1.90	Wood raod, bears NW. and SE.
8.70	Top of ascent, 40 ft. above cor., bears NW. and S.20°E.; gently desc. along an E. slope.
26.10	Wash, 10 lks. wide, 10 ft. deep, in swale, 25 ft. below top of ascent, course SE.; asc. 40 ft. to
29.15	N. edge of swale, bears NW. and SE.
40.00	On a E. slope, 20 lks. W. of small wash, draining S.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼

S23 | S24

1921

Subdivision of T[illegible] R[illegible]

Chains

from which

A cedar, 8 ins.diam., bears S.[illegible]°E., 79 lks. dist., marked ¼ S24 BT
A cedar, 12 ins.diam., bears S.[illegible]°W., 104 lks. dist., marked ¼ S23 BT

44.00 Wash, 10 lks. wide, 3 ft. deep, course SE. to S.; thence gradually asc. S. slope.

72.50 Top of ascent on bench, 75 ft. above ¼ cor.; bears [illegible] and W.; desc. N. slope, 50 ft. to

80.00 On gradual N. slope.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 13-14-23 and 24, with brass cap marked

T41S	R8W
S14	S13
S23	S24

1921

from which

A pinon, 6 ins.diam., bears N.33½°E., 128 lks. dist., marked T41S R8W S13 BT
A pinon, 8 ins.diam., bears S.18°E., 26 lks. dist., marked T41S R8W S24 BT
A cedar, 8 ins.diam., bears S.46°W., 44 lks. dist., marked T41S R8W S23 BT
A cedar, 8 ins.diam., bears N.16¾°W., 64 lks. dist., marked T41S R8W S14 BT

Land, rolling and broken bench; southern exposure on S. 72½ chs. and to N. on remainder.

Soil, shallow clay and sandy loams, on clay and rock subsoil: some gypsum formation along washes.

Timber, dense cedar and pinon, on mile.

Undergrowth, scattering sage and service brush.

Fair grazing land.

S. 89°53' E., on random line, bet. secs. 13 and 24.

40.00 Set temp. ¼ sec. cor.

79.86 Intersect E. bdy. of tp., 1 lk. N. of cor. secs. 13 and 24; thence

N. 89°53' W., on true line, bet. secs. 13 and 24.

Over plowed land in level hollow bottom.

1.88 Telephone line, bears about NW. and SE.(irregular)

CHAINS	
2.00	Leave plowed land and hollow bottom, enter broken land and dense timber, bears N. to NW. and S. to SE.
6.05	Wash, 15 lks. wide, 10 ft. deep, in gulch, from NW., course S.70°E.; asc. abrupt NE. slope, 90 ft. to
10.20	N. end of sharp clay spur, ascends to SW.; desc. along a broken N. slope.
17.00	Draw, near head, 20 ft. below spur, course NE. for 3 chs. thence E.; asc. broken E. slope, 165 ft. to
35.15	Top of ascent, bears NE. and SW.; thence along a broken N. and NE. slopes, across several small gullies, draining NE.
37.55	Gully, 35 ft. deep, course NE.
39.93	On E. slope.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for ¼ sec. cor., with brass cap marked
	$\frac{1}{4}\ \frac{S13}{S24}$ 1921
	from which
	A cedar, 8 ins.diam.,bears N.41°E., 41 lks. dist.,marked ¼ S13 BT
	A pinon, 6 ins.diam.,bears S.41°W., 23 lks. dist.,marked ¼ S24 BT
60.15	Gully, 75 ft. deep, course NE.
79.86	The cor. of secs. 13-14-23 and 24.
	Land, broken bench, line crosses numerous short, abrupt gullies, draining NE. into a large draw, course E.
	Soil, shallow clay and sandy loam, and gypsum, some scattered sandstone; formation gypsum & sandstone.
	Timber, dense cedar and pinon.
	Undergrowth, scattering service, sage and buck brush.
	Fair grazing on parts of the mile.

	N. 0°01' W., bet. secs. 13 and 14.
	Over rolling and broken land, with general E. exposure, through dense timber and scattering undergrowth; desc. N. slope, 55 ft. to
12.30	Begin abrupt descent into Gulch of 205 ft. to

Subdivision of T. 41 S., R. 8 W.

Chains	
16.80	Gulch, course S.80°E.; gypsum formation along gulch.
23.80	Top of ascent on N. edge of the gulch, 215 ft. above bottom, bears N.80°W. and S.80°E.; thence over smooth top of bench, slight E. slope.
30.00	Leave timber and enter cultivated land, bears NW. and E.
40.00	In cultivated field.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼
S14 | S13
1921

from which

A cedar, 14 ins.diam., bears N.1½°E., 495 lks. dist., marked ¼ S13 BT
A cedar, 8 ins.diam., bears N. 8° W., 493 lks. dist., marked ¼ S14 BT

42.20	Telephone line, bears N.55½°W. and S.55½°E.
44.10	Leave plowed land, enter timber, bears W. and SE.
52.40	Leave timber, enter plowed land, bears E., and extends W. 2 chs. thence NW.
57.40	Leave plowed land, enter scattering timber and heavier sagebrush, bears E. and W.
60.80	Begin abrupt descent N. slope of 135 ft. to
63.65	Gulch, drains E.; asc. 130 ft. to
68.50	Spur, projects E.; desc. 25 ft. to
71.40	Wash, 10 lks. wide, 10 ft. deep, in hollow, 3 chs. wide, course S.80°E.
78.70	Spur, 35 ft. high, projects S.70°E. 4 chs. dist. to end.
80.00	On NE. slope, 25 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 11-12-13 and 14, with brass cap marked

T41S	R8W
S11	S12
S14	S13

1921

from which

A cedar, 10 ins.diam., bears N.44¼°E., 21 lks. dist., marked T41S R8W S12 BT

Chains	
	A cedar, 10 ins.diam.,bears S.59°E., 63 lks. dist.,marked T41S R8W S13 BT A cedar, 10 ins.diam.,bears S.54°W., 31 lks. dist.,marked T41S R8W S14 BT A cedar, 6 ins.diam.,bears N.5½°W., 57 lks. dist.,marked T41S R8W S11 BT
	Land, rolling and broken bench, with general exposure and drainage E. to SE.
	Soil, sandy and clay loams, on clay subsoil; some gypsum formation along gulches.
	Timber, dense to scattering cedar and pinon, on greater portion of mile.
	Undergrowth, scattering sage, service and buck brush.
	Fair grazing land.
	-- ---------- ----------
	S. 89°53' E., on random line, bet. secs. 12 and 13.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect E. bdy. of tp., 2 lks. N. of cor. secs. 12 and 13, heretofore described; thence
	N. 89°52' W., on true line, bet. secs. 12 and 13.
	Over broken and rolling bench land, through dense timber and scattering undergrowth; abrupt ascent E. slope.
1.50	Top of ascent on E. edge of bench, 45 ft. above cor., bears N. and SE.; thence gently asc. over top of bench.
7.35	Wire fence, bears N.67°W. and S.67°E.
21.40	W. edge of smooth top of bench, bears N. and S.20°W.; enter broken land facing S., crossing series of small gullies and spurs, putting S.
30.00	Gully, 75 ft. deep, course S.30°W.
38.65	Draw, 25 ft. deep, near head, course SW.
39.97	On an E. slope.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S12/S13 1921
	from which
	A cedar, 12 ins.diam.,bears N.47½°E., 22 lks. dist.,marked ¼ S12 BT A pinon, 6 ins.diam.,bears S.37°W., 43 lks. dist.,marked ¼ S13 BT

Subdivision of T. 41 S., R. 8 W.

Chains	
41.50	Top of low spur, 20 ft. above cor., projects SW.; desc.
47.25	Draw, 110 ft. below spur; course SW.
66.15	Draw, 100 ft. deep, course S.
73.50	Sharp spur, projects S.
77.00	Small draw, 50 ft. deep, course SE.
79.94	The cor. of secs. 11-12-13 and 14.
	Land, broken and rolling bench, with general southern exposure and drainage, except on E. 1½ chs. which faces E. into Muddy Creek.
	Soil, clay, gypsum and sandy loam, on clay subsoil; some scattered rock; sandstone formation.
	Timber, dense cedar and pinon, on mile.
	Undergrowth, scattered sage, service and buck brush.
	Poor to fair grazing land.

	North, on sectional guide meridian, bet. secs. 11 and 12.
	Over broken land, facing generally SE., through dense timber and scattering undergrowth; desc.
3.30	Head of small draw, 15 ft. below cor., course SE.
8.60	Low spur, 50 ft. above draw, projects SE.; desc. 50 ft.
12.50	Swale, 2 chs. wide, drains E.; asc. 75 ft. to
16.70	Spur, projects E. 5 chs. to end.; desc. NE. slope, 75 ft.
25.80	Draw, course SE.; asc. 140 ft. to
33.10	Spur, projects E.; desc. NE. slope, 100 ft. to
40.00	On an E. slope.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S11 | S12 1921
	from which
	A pinon, 14 ins. diam., bears S.3°E., 37 lks. dist., marked ¼ S12 BT A pinon, 10 ins. diam., bears N.35½°W., 23 lks. dist., marked ¼ S11 BT
41.50	Gulch, 10 ft. below ¼ cor., course SE.; asc. 130 ft.
45.30	Spur, projects E.; desc. 120 ft.
52.50	Gulch, course SE.; asc. broken S. slope, 320 ft. to

Chains	Subdivision of T. 41 S., R. 8 W.
76.50	Main ridge, bears N.70°E.,and S.70°W.; desc. 20 ft. to cor.
78.37	Road, bears NE. and SW.
80.00	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 1-2-11 and 12, with brass cap marked T41S | R8W S2 | S1 S11 | S12 1921 from which A cedar, 12 ins.diam.,bears N.75½°E., 33 lks. dist.,marked T41S R8W S1 BT A cedar, 6 ins.diam.,bears S.46°E., 77 lks. dist.,marked T41S R8W S12 BT A cedar, 12 ins.diam.,bears S.15½°W., 27 lks. dist.,marked T41S R8W S11 BT A pinon, 8 ins.diam.,bears N.82¾°W., 58 lks. dist.,marked T41S R8W S2 BT
	Land, rough and broken, with general exposure and drainage to S. on S.76½ chs.; and to N. on remainder.
	Soil, rocky and clay, some sandy loam; sandstone formation.
	Timber, dense cedar and pinon; undergrowth, scattering sage, service and buck brush. Fair grazing land.

	S. 89°52' E., on random line bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
82.36	Intersect E. bdy. of tp., 12 lks. S. of cor. secs. 1 and 12, heretofore described; thence
	N. 89°57' W., on true line bet. secs. 1 and 12.
	Over nearly level canyon bottom.
3.25	Wash, 20 lks. wide, 20 ft. deep, course S.20°E.; enter cultivated land, bears with wash.
7.85	Wire fence at W. edge of canyon bottom and cultivated land, enter rough, broken land and dense timber, bears N.30°W. and S.20°E.; asc. broken E. and NE. slopes, 300 ft. to
26.15	Top of ascent, bears N. and SE.; over rolling bench.
34.55	Leave bench, bears NE. and SW.; over broken N. slope.
42.36	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with braascap marked ¼ S1 / S12 1921 from which A pinon, 6 ins.diam.,bears N.76°E., 76 lks. dist.,marked ¼ S1 BT A cedar, 10 ins.diam.,bears S.42°W., 90 lks. dist.,marked ¼ S12 BT
	Gradually descending along broken N. slope, 95 ft. to

Subdivision of T. 41 S., R. 8 W.

Chains	
52.35	Draw, near head, course NE.; asc. abrupt E. slope, 250 ft.
67.50	Top steep ascent, bears NE. and SE.; gradually asc.
74.75	Road, bears NE. and S.80°W.
78.50	Top of ascent on ridge, bearsNE. and S.;desc. 25 ft. to
82.36	The cor. secs. 1-2-11 and 12.
	Land, mountaincus and canyon bottom: E. and NE. exposure and drainage into Muddy Creek.
	Soil, clay and rocky; sandstone formation.
	Timber, dense cedar and pinon, on greater part of mile.
	Undergrowth, sage, service and oak br ush.

	North, on true line bet. secs. 1 and 2.
	Over mountainous land, through dense timber and considerable undergrowth; gradually descending N. slope, 220 ft.
40.00	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ½ sec. cor., with brass cap marked

S2 | ¼ S1
1921

from which
A cedar, 6 ins.diam.,bears N.23¼°E., 68 lks. dist.,marked ¼ S1 BT
A pinon, 7 ins.diam.,bears S.78°W., 48 lks. dist.,marked ¼ S2 BT

49.50	Draw, 170 ft. below ¼ cor., course NE.; asc. 50 ft. to
53.20	Top of ascent on E. slope; desc. 75 ft. to
57.40	Draw, course SE. 4 chs.,thence NE.; asc. 75 ft. to
61.00	Top ascent on E. slope; desc. 60 ft. to
69.70	Wash, 40 lks. wide, 10 ft. deep, in main gulch, course SE. asc. steep SW. slope, 175 ft. to
80.00	Top steep ascent, bears NW. and SE.; thence over bench.
86.80	Intersect 8th standard parallel south, 14.80 chs. E. of the sta. cor. secs. 35 and 36, heretofore described; at point of intersection, I
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for closing cor. secs. 1 and 2, with brass cap marked

T40S R8W
S36
S2 | S1
T41S | R8W
CC
1921

from which

A cedar, 16 ins.diam.,bears S.8½°E., 44 lks. dist.,marked T41S R8W S1 CC BT
A pinon, 8 ins.diam.,bears S.38°W., 27 lks. dist.,marked T41S R8W S2 CC BT

Land, mountainous; N. and S. slopes; drainage E.

Soil, clay and sandy loams, mixed with rock.

Timber, dense cedar and pinon.

Undergrowth, considerable sage, service and buck brush.

From the cor. of secs. 34 and 35 on S. bdy. of tp.

N. 0°01' W., bet. secs. 34 and 35.

Across canyon bottom.

0.70 Rio Virgin 25 lks. wide, 2 ft. deep, course SW.

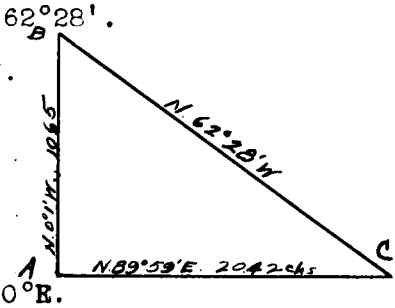
2.00 N. bank of wash, 15 ft. high, bears NE. and SW.; thence over level cultivated land.

12.34 Point for triangulation. As the line N. passes over high sandstone rim, up which I cannot chain; to determine distance to top, proceed as follows:

I erect flag at this point, which I designate "A" and set flag "B", on line, at top of rim, then measure base "AC" N.89°59'E., 20.42 chs. to point whence "B" bears N.62°28'W. From "B" the base "AC" subtends angle of 62°28'.

Vertical angle "A" to "B" = 30½°.

Dist. by chaining = 12.34 chs.
Dist. by tri. = 10.65 "
22.99 "



Approximate topography.

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

17.00 N. edge of bottom and cultivated land at base of rim or N. canyon wall, bears E. and NW.; abrupt ascent S. face.

22.99 Triangulation point, on top of 200 ft. sandstone ledge and 415 ft. above base of rim, bears E. and NW.; thence gradually asc. over broken mesa or bench land, through dense timber and scattered undergrowth.

27.78 Point from which James Boyle's log cabin, 12x16 ft. bears S.35½°E., about 17½ chs.

38.25 Top of ascent on bench, 160 ft. above rim, bears NW. & SE.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in

Chains	
	the ground, for ¼ sec. cor., with brass cap marked

¼

S34 | S35

1921

from which

A pinon, 8 ins.diam.,bears S.38°E., 34 lks. dist.,marked ¼ S35 BT
A pinon, 10 ins.diam.,bears N.11¼°W., 59 lks. dist.,marked ¼ S34 BT

	Thence along an E. slope.
46.00	Depression on E. slope, 80 ft. below ¼ cor., drains NE.
58.20	Top of bench, bears NW. and S.10°W.; desc. NE. slope.
74.20	Bottom of draw, 175 ft. below bench, course SE.; asc. steep SW. slope, 90 ft. to
80.00	On steep SW. slope.

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

T41S	R8W
S27	S26
S34	S35

1921

from which

A pinon, 8 ins.diam.,bears N.78°E., 137 lks. dist.,marked T41S R8W S26 BT
A pinon, 8 ins.diam.,bears S.67½°E., 236 lks. dist.,marked T41S R8W S35 BT
A cedar, 14 ins.diam.,bears S.43°W., 97 lks. dist.,marked T41S R8W S34 BT
A pinon, 12 ins.diam.,bears N.2¾°W., 88 lks. dist.,marked T41S R8W S27 BT

Land, broken mesa or bench, canyon rim, and nearly level canyon bottom.

Soil, sandy loam in canyon bottom; rocky with shallow sandy and clay loams on remainder; sandstone formation, with capping of limestone.

Timber, medium dense cedar and pinon, except in canyon bottom.

Undergrowth, sage and scattering service brush.

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

40.00	Set temp. ¼ sec. cor.

Chains	
80.02	Intersect N. and S. line, 1 lk. S. of cor. secs. 25-26-35 and 36; thence
	West, on true line, bet. secs. 26 and 35.
	Over rolling bench top, through dense timber and scattering undergrowth; gradually asc. E. slope.
18.00	Top of ascent on bench, 50 ft. above sec. cor., bears NE. and SW.; thence over land with slight W. and NW. slopes.
30.70	Cross head of draw, 60 ft. deep, course N. to NW.
35.30	Leave top of bench, bears N. and SW.; desc. steep W. slope towards gulch.
40.01	On steep W. slope, 110 ft. below bench.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S26/S35
	1921
	from which
	A pinon, 8 ins.diam.,bears N.8°W., 20 lks. dist.,marked ¼ S26 BT
	A cedar, 6 ins.diam.,bears South, 61 lks. dist.,marked ¼ S35 BT
46.20	Large gulch, 150 ft. below ¼ cor., course S.10°W.; asc. broken E. slope, 285 ft. to
64.75	Top of ascent on E. esge of bench, bears NE. and S.; thence across top of bench to
76.40	W. edge of bench, bears NW. and SE.; desc. SW. slope, 45 ft. to
80.02	The cor. of secs. 26-27-34 and 35.
	Land, broken and rolling , E. and E. slopes; drainage S. into Rio Virgin River.
	Soil, shallow clay and sandy loams, mixed with rocks; formation limestone and sandstone.
	Timber, dense cedar and pinon, on mile.
	Undergrowth, scattering sage and service brush.
	Fair grazing land.

Subdivision of T. 41 S., R. 8 W.

Chains

N. 0°01' W., bet. secs. 26 and 27.

Over rolling land, through dense timber and scattering undergrowth: asc. steep S. slope, 50 ft. to

1.40 Top of ascent on S. edge of bench, bears NW. and SE.; thence over rolling top, slight N. and NE. exposure.

34.70 Near head of shallow draw, 15 ft. deep, course N.70°E.

40.00 On a NE. slope.

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

¼
S27 | S26
1921

from which

A yellow pine, 24 ins.diam.,bears S.66¼°E., 80 lks.dist.,marked ¼ S26 BT
A yellow pine, 14 ins. diam.,bears N.61°W., 17 lks.dist.,marked ¼ S27 BT

40.30 Near head of small draw, 10 ft. deep, course E.

76.40 Wood road, bears NE. and SW.

80.00 On level land.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 22-23-26 and 27, with brass cap marked

T41S | R8W
S22 | S23
S27 | S26
1921

from which

A cedar, 6 ins.diam.,bears N.18½°E., 33 lks. dist.,marked T41S R8W S23 BT
A cedar, 8 ins.diam.,bears S.36¾°E., 29 lks. dist.,marked T41S R8W S26 BT
A cedar, 10 ins.diam.,bears S.8°W., 60 lks. dist.,marked T41S R8W S27 BT
A cedar, 8 ins.diam.,bears N.60½°W., 74 lks. dist.,marked T41S R8W S22 BT

Land, rolling bench with a general E. exposure and drainage into a gulch, draining S.

Soil, shallow clay and sandy loam, lying on clay and bedrock subsoil: limestone and sandstone formation.

Timber, dense cedar and pinon, with few scattering yellow pines.

Chains	
	Undergrowth, scattering short black sagebrush, service and some manzanita brush.
	Fair grazing land.
	East, on random line, bet. secs. 23 and 26.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, 23 lks. S. of cor. secs. 23-24-25 and 26; thence
	S. 89°50' W., on true line, bet. secs. 23 and 26.
	Over broken and rolling land, with general SE. exposure, through dense timber and scattering undergrowth; gradually desc. broken SW. slope.
7.90	Wash, 20 lks. wide, 15 ft. deep, in draw, 40 ft. below sec. cor., course SE.; gradually asc. broken SW. slope.
27.40	Top of ascent, 80 ft. above wash, bears N.20°E. and S. 20°W.; thence along a slight W. slope.
40.00	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S23/S26 1921 from which A cedar, 10 ins.diam., bears N.65½°E., 69 lks. dist., marked ¼ S23 BT A cedar, 10 ins.diam., bears S.60¼°E., 33 lks. dist., marked ¼ S26 BT
53.00	Shallow, rocky swale, 20 ft. below cor., course S.
63.40	Road, Mt. Carmel to Clear Creek and Zion Canyon, bears NW. and S.70°E.
69.70	Rocky wash, 20 lks. wide, 2 ft. deep, in shallow swale, course S.; gradually asc. E. slope, 25 ft. to cor.
76.75	Wood road, bears NW. and SW.
80.00	The cor. of secs. 22-23-26 and 27.
	Land, rolling bench, with general SE and S. exposure and drainage.
	Soil, shallow clay and sandy loams, lying on clay and limestone bedrock.

Subdivision of T. 41 S., R. 8 W.

Chains	
	Timber, dense cedar and pinon, with few scattered yellow pines on W. ½ mile.
	Undergrowth, medium growth of sagebrush, with scattered service brush.
	Fair grazing land.

	N. 0°01' W., bet. secs. 22 and 23.
	Over rolling land, with SE. exposure, through dense timber and scattering undergrowth; along a slight E. slope.
7.40	Wire fence, bears NW. and SE.
8.30	Road, MT. Carmel to Clear Creek and Zion Canyon, bears NW. and SE.; thence gradually asc. S. slope.
40.00	On slight S. slope, 85 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼
S22 | S23
1921

from which

A cedar, 6 ins. diam., bears S.64⅔°E., 23 lks. dist., marked ¼ S23 BT
A cedar, 20 ins. diam., bears N.47¼°W., 31 lks. dist., marked ¼ S22 BT

60.00	Top of raise, 15 ft. above ¼ cor., bears NE. and SW.; thence over slight W. and NW. slopes.
79.00	Wire fence, bears NE. and SW.
80.00	On a slight N. slope.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 14-15-22 and 23, with brass cap marked

T41S | R8W
S15 | S14
S22 | S23
1921

from which

A cedar, 8 ins. diam., bears N.59¾°E., 29 lks. dist., marked T41S R8W S14 BT
A cedar, 12 ins. diam., bears S.7°E., 33 lks. dist., marked T41S R8W S23 BT

Chains	
	A cedar, 10 ins.diam., bears S.50¾°W., 64 lks. dist.,marked T41S R8W S22 BT
	A pinon, 8 ins.diam., bears N.60°W., 53 lks. dist.,marked T41S R8W S15 BT
	Land, rolling bench, with general S. and SE. slope on S. 60 chs. and to W. and NW. on remainder.
	Soil, sandy and clay loams, on clay and rock subsoil; sandstone and limestone formations.
	Timber, dense cedar and pinon, on mile.
	Undergrowth, medium growth of sagebrush, with scattering service brush.
	Fair grazing land.

	N.89°50' E., on random line, bet. secs. 14 and 23.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect N. and S. line, 12 lks. N. of the cor. secs. 13-14-23 and 24; thence
	S.89°55' W., on true line bet. secs. 14 and 23.
	Over broken and rolling land, facing to N. and NE., through dense timber and scattering undergrowth; gradually asc. E . slope, 15 ft. to
2.90	Low spur, projects N.; desc. 65 ft. to
7.30	Short draw, course N.; asc. 40 ft. to
10.50	Thence more gradual ascent over bench.
40.02	On gentle E. slope, 115 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S14/S23
	1921
	from which
	A cedar, 8 ins.diam.,bears S.64°W., 52 lks. dist.,marked ¼ S23 BT
	A cedar, 6 ins.diam.,bears N.11°W., 36 lks. dist.,marked ¼ S14 BT
52.00	Top of ascent on bench, 50 ft. above ¼ cor., bears N.20°W. and SE.; ~~thence~~ over land, with gentle S. exposure.
78.40	Wire fence, bears NE. and SW.

Subdivision of [illegible]

Chains

80.06 The cor. of secs. 10-15-22 and 23.

Land, rolling and broken bench, with general N. and NE. exposure on E. 52 chs. and to S. on remainder.

Soil, clay and sandy loams, on clay subsoil.

Timber, dense cedar and pinon, on mile.

Undergrowth, scattering sage and service brush.

Fair grazing land.

N. 0°01' W., bet. secs. 14 and 15.

Over rolling land, facing W., through dense timber and scattering undergrowth: slightly descending to

[illegible] Swale, 25 ft. below cor., drains W.: gently asc.

[illegible] On gentle S. slope, 30 ft. above swale.

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

S15 | S14

1921

from which

A cedar, 8 ins. diam., bears N.72°E., 36 lks. dist., marked ¼ S14 BT

A cedar, 6 ins. diam., bears N.85½°W., 13 lks. dist., marked ¼ S15 BT

47.50 Top of low raise, slopes off to SW.

61.10 Wash, 10 lks. wide, 8 ft. deep, in sagebrush swale, 5 chs. wide, drains W.: asc. gradually.

64.75 Telephone line, bears N.80°W. and S.80°E.

66.40 Top of raise on W. slope, 45 ft. above wash, bears E. and slopes W.: desc. gradual N. slope, 20 ft. to

80.00 On gentle NW. slope.

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

T41S | R8W
S10 | S11
S15 | S14

1921

from which

Chains	
	A pinon, 12 ins. diam., bears N.83¼°E., 262 lks. dist., marked T41S R8W S11 BT
	A cedar, 8 ins. diam., bears S.41½°E., 79 lks. dist., marked T41S R8W S14 BT
	A cedar, 9 ins. diam., bears S.31¼°W., 147 lks. dist., marked T41S R8W S15 BT
	A cedar, 6 ins. diam., bears N.57°W., 297 lks. dist., marked T41S R8W S10 BT
	Land, rolling bench, with westerly exposure and drainage.
	Soil, sandy and clay loams, on clay subsoil.
	Timber, dense cedar and pinon, except in swale bottoms.
	Undergrowth, considerable sagebrush and scattering service brush. Fair grazing land.

	N.89°55' E., on random line, bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect N. and S. line, 5 lks. N. of cor. secs. 11-12-13 and 14; thence
	S. 89°57' W., on true line, bet. secs. 11 and 14.
	Over broken land, facing S. and SE., through dense timber and considerable undergrowth; asc. E. slope, 25 ft. to
1.80	Low spur, projects SE.; desc. W. slope, 45 ft. to
4.70	Base of spur, enter open sagebrush swale, bears NW. and SE.; thence across level swale bottom.
10.80	Wash, 5 lks. wide, 4 ft. deep, course S.20°E.
15.00	W. edge of open swale, bears N. and SE.; asc. through timber, 120 ft. to
20.50	Spur, projects SE.; desc. W. slope, 110 ft. to
27.80	Draw, course S. for 6 chs. to open hollow, course E.; asc. 110 ft. to
31.00	Spur, projects S. 5 chs. to end.; desc. 60 ft. to
34.00	Draw, course S.; asc. 60 ft. to
37.80	Spur, projects S. 5 chs. to end.; desc. W. slope, 65 ft.
39.40	Base of spur, enter open sagebrush swale, bears N. and S.
39.97	In open swale bottom.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked

$$\frac{1}{4}\ \frac{S11}{S14}$$

1921

from which

Subdivision of T. 41 S., R. 8 W.

Chains	
	A pinon, 8 ins:diam:, bears N. 14¼°E., 148 lks. dist.,marked ¼ S11 BT A cedar, 12 ins:diam:,bears S.38½°E., 118 lks. dist.,marked ¼ S14 BT
42.70	W. edge of open swale, nears NW. and SE.; asc. through timber, 55 ft. to
44.40	Low spur, porjects S. 3 chs. to end.; thence along a broken S. slope.
56.30	Near head of main hollow, 4 chs. wide, course S.80°E.; asc. steep, broken E. slope, 160 ft. to
62.00	Top of ascent and ridge, bears N. and S.; thence over gradual, broken W. slope, descending.
78.60	Wire fence, bears N.20°W. and S.20°E.
79.94	The cor. of secs. 10-11-14 and 15, 100 ft. below ridge.
	Land, broken, with general S: to SE: exposure and drainage on the E. 62 chs., and to W. on remainder of mile.
	Soil, clay, with some sandy loam and scattered rocks; sandstone formation:
	Timber, dense cedar and pinon, on greater portion of the mile.
	Undergrowth, medium growth of black sagebrush, with scattered service brush.
	Fair grazing land.
	N. 0°-01' W., bet. secs. 10 and 11.
	Over rolling and broken land, facing W. into a large ravine, draining S., through dense timber and considerable undergrowth; along a gradual W. slope to
2.60	Wash, 20 lks. wide, 15 ft. deep, in swale, course S.80°W.
4.80	Wire fence, bears about E. and W.
10.60	Top of raise on W. slope, 30 ft. above wash, bears E.
17.90	Wash, 10 lks. wide, 8 ft. deep, in swale, course SW.
23.30	Top of raise on W. slope, bears E.
31.60	Leave timber, enter open swale or draw bottom, bears NE. and SW.
37.40	Wash, 10 lks. wide, 20 ft. deep, course SW.
38.80	Enter cultivated land, bears NE. for about 5 chs. thence to N., and SW.

Chains	
40.00	In field on gradual S. slope, about 4 chs. E. of the main wash, draining S.
	Set an iron post, 3 ft. long, 1 in. dia., 28 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼
S10 | S11
1921

from which

A cedar, 10 ins.diam.,bears N.78°E., 219 lks. dist.,marked ¼ S11 BT
A cedar, 16 ins.diam.,bears S.64½°W., 433 lks. dist.,marked ¼ S10 BT

44.70	Leave cultivated land, bearing W. about 3 chs. thence S., and E. about 2 chs. thence S.
47.50	Leave bottom land, bears N.30°W. and S.30°E., gradually asc. along W. slope, through dense timber.
55.00	Brush fence, bears N.30°W. and S.30°E.
74.70	Rocky draw, 60 ft. deep, course SW.
78.00	N. edge of draw, thence over top of bench.
80.00	On bench, slight S. slope, 100 ft. above ¼ cor.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 2-3-10 and 11, with brass cap marked

T41S | R8W
S3 | S2
S10 | S11
1921

from which

A cedar, 8 ins.diam.,bears N.52¼°E., 67 lks. dist.,marked T41S R8W S2 BT
A pinon, 8 ins.diam.,bears S.79¼°E., 54 lks. dist.,marked T41S R8W S11 BT
A cedar, 8 ins.diam.,bears S.3½°W., 77 lks. dist.,marked T41S R8W S10 BT
A cedar, 8 ins.diam.,bears N.53¼°W., 47 lks. dist.,marked T41S R8W S3 BT

Land, rolling and broken, with general W. exposure; drainage S.

Soil, sandy and clay loams, on clay and rock subsoils.

Timber, dense cedar and pinon, on greater portion of mile.

Undergrowth, considerable sagebrush, and scattering

Chains	
	service brush. Fair grazing land.

	N. 89°57' E., on random line, bet. secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect the cor. of secs. 1-2-11 and 12; thence S.89°57' W., on true line, bet. secs. 2 and 11.
	Over high, rolling land, facing N. to NE., through dense timber and medium growth of brush.
33.00	Top of wide, rolling ridge, 75 ft. above sec. cor., bears N. and S.; thence over general W. exposure.
33.95	Road, bears N. and S.
39.97	On a gentle NW. slope.
	Set an iron post, 3 ft. long, 1 in .dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S2/S11
	1921
	from which
	A pinon, 8 ins.diam.,bears N.2¼°E., 37 lks. dist.,marked ¼ S2 BT
	A cedar, 12 ins.diam.,bears S.47°E., 65 lks. dist.,marked ¼ S11 BT
68.50	Rocky draw, 50 ft. deep, and 150 ft. below ¼ cor., course S.70°W.; thence along a S. slope.
79.94	The cor. of secs. 2-3-10 and 11.
	Land, rolling and broken, with general N. to NE. exposure and drainage on E. 33 chs., and to W. and SW. on remainder of mile.
	Soil, stiff, moist clay, mixed with rock; sandstone formation.
	Timber, dense cedar and pinon, on mile.
	Undergrowth, scattering sage and service brush.
	Fair grazing land.

	N. 0°01' W., on true line, bet. secs. 2 and 3.
	Over high rolling land, facing W. to SW., through dense timber and scattering undergrowth; along top of bench.
8.30	Road, bears NE. and W.

Chains	
18.00	Begin descent over NW. slope into swale, 50 ft. to
24.50	Wash, 10 lks. wide, 15 ft. deep, in bottom of wide, shallow swale, drains SW.; thence gradually asc. S. slope.
40.00	On a gradual S. slope, 90 ft. above wash.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S3 | S2 1921
	from which
	A pinon, 6 ins.diam.,bears S.41¾°W., 11 lks. dist.,marked ¼ S3 BT A cedar, 12 ins.diam.,bears N.7°E., 47 lks. dist.,marked ¼ S2 BT
46.20	Road, bears N.80°W. and S.80°E.
54.93	Point from which, Dennie Sorensen's house bears N.83½°W., about 1½ miles distant; also top of ascent on W. slope of hill, 100 ft. above ¼ cor.: thence along a W. slope to
63.30	Ridge, bears NW. and SE.; thence along E. slope to
76.40	Begin gradual descent over N. slope, 80 ft. to
86.90	Intersect the 8th standard parallel south, N.89°57'E., 15.91 chs. dist. of the standard cor. secs. 34 and 35, heretofore described; at point of intersection, I
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for closing cor. of secs. 2 and 3, with brass cap marked
	T40S R8W S35 S3 | S2 T41S | R8W CC 1921
	from which
	A cedar, 8 ins.diam.,bears S.42°E., 71 lks. dist.,marked T41S R8W S2 CC BT A cedar, 20 ins.diam.,bears S.43½°W., 82 lks. dist.,marked T41S R8W S3 CC BT
	Land, rolling and broken, with general SW. exposure and drainage on the S. 63.30 chs., and to NE. on remainder. Soil, clay and sandy loams, mixed with rock; sandstone formation.

Subdivision of T. 41 S., R. 8 W.

Chains	
	Timber, dense cedar and pinon, on mile.
	Undergrowth, scattering sage and service brush.
	Fair grazing land.

	From the cor. of secs. 33 and 34, on S. bdy. of tp.
	Thence,
	N. 0°02' W., bet. secs. 33 and 34.
	Over rolling and broken land, through dense timber and scattering undergrowth; along a gradual E. slope to
10.40	Cross head of draw, 15 ft. below sec. cor., course SE.; asc. steep S. slope, 110 ft. to
18.40	Ridge, bears E. for about 10 chs. thence SE., and W. for about 15 chs. to bench.; desc. steep N. slope, 110 ft.
31.00	Draw, course N.60°E.; thence along a gentle E. slope.
40.00	On top of a low raise, 50 ft. above bottom of draw, ascends to W.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in theg ground, for ¼ sec. cor., with brass cap marked.
	¼ S33 | S34 1921
	from which
	A pinon, 14 ins.diam.,bears S.18½°E., 6 lks. dist.,marked ¼ S34 BT A pinon, 14 ins.diam.,bears S.63°W., 40 lks. dist.,marked ¼ S33 BT
	Thence gently desc. ober NE. and E. slopes, 65 ft. to
66.30	Draw, near head, course SE.; gently asc. to
75.00	Asc, steep S. slope of bench, 95 ft. to
80.00	On steep S. slope, 150 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. dia., 20 ins. in the ground to bedrock, and in a large mound of stone, for cor. of secs. 27-28-33 and 34, with brass cap marked
	T41S | R8W S28 | S27 S33 | S34 1921
	from which

Chains	
	A pinon, 8 ins.diam.,bears N.52°E., 81 lks. dist.,marked T41S R8W S27 BT A pinon, 10 ins.diam.,bears S.19½°E., 82 lks. dist.,marked T41S R8W S34 BT A cedar, 14 ins.diam.,bears S.70°W., 93 lks. dist.,marked T41S R8W S33 BT A pinon, 10 ins.diam.,bears N.63°W., 86 lks. dist.,marked T41S R8W S28 BT
	Land, broken and rolling, with general SE. and E. exposure and drainage.
	Soil, rocky and clay loam, on rock and clay subsoil; formation limestone and sandstone.
	Timber, dense cedar and pinon, on mile.
	Undergrowth, sage, service and manzanita brush.
	Poor grazing land.

	East, on random line, bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
79.92	Intersect N. and S. line, 7 lks. N. of the cor. secs. 26-27-34 and 35; thence
	N. 89°57' W., on true line, bet. secs. 27 and 34.
	Over broken land, through dense timber and scattering undergrowth; desc. SW. slope, 70 ft. to
3.60	Draw, near head, course SE.; asc. E. slope, 120 ft. to
7.40	Top of ascent from draw, on E. edge of bench or flat ridge, bears N. and S.; thence across flat top.
12.40	W. edge of same, bears N. and S.; desc. steep W. slope.
26.00	Bottom of main hollow, 235 ft. below ridge, course S.; asc. rolling E. and NE. slopes.
39.96	On E. slope, 95 ft. above hollow.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S27/S34 1921
	from which
	A cedar, 8 ins.diam.,bears N.49°E., 16 lks. dist.,marked ¼ S27 BT A cedar, 8 ins.diam.,bears S.29½°E., 66 lks. dist.,marked ¼ S34 BT
53.00	Short spur, 185 ft. above ¼ cor., projects N. 2 chs. to end.; desc. steep NW. slope, 90 ft. to

Chains

58.20 Draw, near head, course N.15°E. for about 4 chs., thence nearly E.; asc. E. slope, 100 ft. to

67.00 Flat ridge, 1½ chs. wide, bears N.20°W. and S.20°E.; desc. W. slope, 105 ft. to

73.40 Draw, near head, course S.; asc. 100 ft. to

78.50 Top of ascent on S. point of bench, bearing about NE. and NW.; desc. 10 ft. to

79.92 The cor. of secs. 27-28-33 and 34.

Land, mountainous in character, broken by numerous draws and hollows; general E. and W. slopes; drainage S.

Soil, rocky, with shallow clay loam, lying on rock and clay subsoils; lime and sandstone formations.

Timber, dense cedar and pinon, on mile.

Undergrowth, scattering sage, buckbrush and manzanita.

Poor grazing land.

N. 0°02' W., bet. secs. 27 and 28.

Over rolling bench land, through dense timber and scattering undergrowth; slightly ascending.

11.00 Top of ascent on the bench, 40 ft. above sec. cor., bears N.70°E. and W.; thence over slight N. and NW. exposure.

12.20 Wood road, bears NE. and nearly W.

40.00 On a slight NW. slope, 55 ft. below top of ascent.

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

¼

S28 | S27

1921

from which

A cedar, 8 ins.diam.,bears S.6°E., 60 lks. dist.,marked ¼ S27 BT

A cedar, 10 ins.diam.,bears S.12½°W., 14 lks. dist.,marked ¼ S28 BT

Gradually desc. N. slope, 75 ft. to

70.40 S. rim of gulch, bears NW. and SE.; desc. abruptly 105 ft. to

73.80 Bottom of gulch, course NW.; asc. 65 ft. to

Chains	
80.00	On top of W. edge of spur, projects NW.
	Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in ground to bedrock, and in a large mound of stone, 5 ft. base, for cor. secs. 21-22-27 and 28, with brass cap marked
	T41S | R8W S21 | S22 S28 | S27 1921
	from which
	A pinon, 30 ins.diam.,bears N.40°E., 65 lks. dist.,marked T41S R8W S22 BT A cedar, 14 ins.,diam.,bears S.26½°E., 63 lks. dist.,marked T41S R8W S27 BT A cedar, 6 ins.diam.,bears S.24°W., 31 lks. dist.,marked T41S R8W S28 BT A pinon, 10 ins.diam.,bears N.84°W., 26 lks. dist.,marked T41S R8W S21 BT
	Land, rolling and broken bench; exposure and drainage to S. on the S. 11 chs., and to N. and NW. on remainder.
	Soil, shallow clay and sandy loams, lying on limestone bedrock.
	Timber, dense cedar and pinon, with a few scattered yellow pine, near N. end of mile.
	Undergrowth, very scattered sage and service brush.
	Poor grazing land.

	S. 89°57' E., on random line, bet. secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect N. and S. line, 5 lks. S. of the cor. secs. 22-23-26 and 27; thence
	N. 89°59' W., on true line, bet. secs. 22 and 27.
	Over rolling land, facing E., through dense timber and scattering undergrowth; gradually asc. E. slope.
31.00	Top of ascent on bench, 105 ft. above sec. cor., bears N. and SW.; thence over slight S. exposure.
40.01	On a slight S. exposure.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked
	S22 ¼ S27

Subdivision of T. 41 S., R. 8 W.

Chains	
	from which
	A cedar, 8 ins.diam., bears S.58°E., 32 lks. dist., marked ¼ S27 BT
	A cedar, 10 ins.diam., bears N.24°W., 47 lks. dist., marked ¼ S22 BT
71.60	Begin descent over W. slope, bears NW. and SW.
76.40	Cross near head of small draw, 30 ft. deep, course NW.
80.02	The cor. of secs. 21-22-27 and 28.
	Land, rolling bench; exposure and drainage to E. on the E. 31 chs. and to S. and SW. on remainder of mile.
	Soil, sandy and clay loams, on clay and rock subsoil.
	Timber, dense cedar and pinon, few large yellow pines, on W. end of mile.
	Undergrowth, considerable sagebrush. Fair grazing land.

	N. 0°02' W., bet. secs. 21 and 22.
	Over broken land, facing W., through dense timber and scattering undergrowth; desc. NE. slope, 80 ft. to
3.30	Draw, course N.70°W.; asc. S. slope, 80 ft. to
5.50	Thence over top of rolling bench.
18.20	Wire fence, bears N.80°W. and S.80°E.
19.20	Begin steep descent N. slope into gulch.
23.40	Cross head of short gulch, 105 ft. deep, course W.
26.55	Point of bench bet. gulch and Mineral Wash, bears NE. and SE.; also point from which Alma Kellar's corral, bears N.72½°W., about 10 chs. dist. and tent house, bears N.78°W., about 15 chs. dist.
	Desc. along NW. slope, 90 ft. to
32.40	Base of slope, leave timber, enter level bottom land and cultivated field, bears N.30°E. and S.30°W.
38.45	Wash, 60 lks. wide, 12 ft. deep, having a small alkaline seep, 1 lk. wide, 1 in. deep, course S.30°W.
40.00	In cultivated field in bottom land in Mineral Gulch. Set an iron post, 3 ft. long, 1 in. dia., 28 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼

S21 | S22

1921

from which

A cedar, 10 ins.diam., bears S.42¾°E., 71 lks. dist.,marked ¼ S22 BT

And raise a small mound of stone around post.

Same corral bears S.42¼°W.

44.70 Leave cultivated field and bottom land, bears NW. for about 3 chs., thence to S., and SE. for about 2 chs., thence to NE.; asc. SW. slope of bench, through timber.

46.80 Road, bears E. and W.

55.00 Thence more gradual ascent over top of bench, 55 ft. above bottom; enter very scattered timber, bears NW. and SE.

64.50 Road, Mt. Carmel to Clear Creek and Zion Canyon, bears N.70°W. and E.; gradually desc. 40 ft. to

71.70 Wash, 20 lks. wide, 10 ft. deep, in swale, course S.80°E. Asc. 60 ft. to cor.

78.00 Wire fence, bears SE., and NW. for about 1 ch., thence N.

80.00 On top of ascent from swale.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 15-16-21 and 22, with brass cap marked

T41S	R8W
S16	S15
S21	S22

1921

from which

A cedar, 6 ins.diam.,bears S.60°E., 173 lks. dist.,marked T41S R8W S22 BT
A cedar, 14 ins.diam.,bears S.55°W., 60 lks. dist.,marked T41S R8W S21 BT
A cedar, 14 ins.diam.,bears N.72½°W., 358 lks. dist.,marked T41S R8W S16 BT

No other accessories to cor.

H. Gardner's house, bears N.74°22'E., about 18 chs. dist.

Hyrum T. Reese's granary, bears N.28°35'E., about 26 chs. dist.

Land, rolling and broken, with general W. and SE. exposures, into Mineral Gulch, which drains SW.

Soil, sandy and clay loams, lying on clay and bedrock; limestone and sandstone formations.

Chains

Timber, dense to scattering cedar and pinon, with some scattered yellow pines.

Undergrowth, medium growth of sagebrush.

Good grazing land, on greater part of mile.

S. 89°59' E., on random line, bet. secs. 15 and 22.

33.66 Set temp. W. ¼ C.

80.04 Intersect N. and S. line, 7 lks. N. of cor. secs. 14-15-22 and 23: thence

N. 89°56' W., on true line, bet. secs. 15 and 22.

Over rolling and broken land, through dense timber and scattering undergrowth; gradually desc. rolling W. slope.

34.00 Top of low hill, bears N. and SE.; desc. steeper W. slope.

38.80 Wire fence, bears NE. and S.: leave dense, enter scattered timber and heavier sagebrush, bears N. and S.

40.02 True point for ¼ sec. cor. falls in bottom of wash, 30 lks. wide, 8 ft. deep, in large ravine, 165 ft. below sec. cor., course SW. No cor. set here.

40.38 In ravine bottom.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for witness cor. to the ¼ sec. cor., 36 lks. W. of true point, with brass cap marked

$$\frac{1}{4}\ \frac{S15}{S22}\ WC$$

1921

from which

A cedar, 8 ins.diam.,bears N.43°W., 308 lks. dist.,marked WC ¼ S15 BT
A cedar, 8 ins.diam.,bears S.70¾°W., 523 lks. dist.,marked WC ¼ S22 BT

Gradually asc. W. slope, 25 ft. to

47.55 Top of low spur, projects S.; and leave all timber bears N. and S.; also point from which, center of H. Gardner's house bears N.71°41'W., about 18 chs. dist., and Hyrum T. Reese's granary bears N.74¼°W.

Thence gradually desc. slight SW. slope, valley land.

47.95 Wire fence, bears N. and S.; enter cultivated field.

Subdivision of T. 41 S., R. 8 W.

Chains	
62.25	Wash, 30 lks. wide, 8 ft. deep, 45 ft. below spur, course S.30°E.; thence gradually asc. E. slope.
67.25	Road, bears N.30°W. and S.30°E.
76.15	Leave cultivated field, bears N. and SE.; continue through sagebrush.
80.04	The cor. of secs. 15-16-21 and 22, 60 ft. above wash.
	Land, rolling and broken, with gradual E. and W. slopes; drainage S.
	Soil, clay and sandy loams, with some scattered rock on E. end of mile.
	Timber, dense to scattered cedar and pinon, on E. 46½ chs.
	Undergrowth, considerable black sagebrush, 2 to 4 ft. high. Fair grazing land.

	N. 0°02' W., bet. secs. 15 and 16.
	Over rolling land, with general E. exposure, through dense sagebrush and few scattered trees: gently asc. along an E. slope.
4.80	Wire, fence, bears N.65°E. and S.65°W., junction of fence from S. bears W. 5 lks. dist.
26.40	Top of raise, 60 ft. above sec. cor., bears W.; desc. gentle NE. slope, 40 ft. to
32.80	Cross near head of swale, drains S.80°E.: asc. 15 ft.
40.00	On top of raise, bears SE. and W.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼

S16 | S15

1921

from which

A cedar, 8 ins.diam.,bears S.17°E., 86 lks. dist., marked ¼ S15 BT
A cedar, 6 ins.diam.,bears S.31¼°W., 157 lks. dist.,marked ¼ S16 BT

42.00	Enter medium dense timber, bears NW. and SE.
56.90	Wash, 15 lks. wide, 15 ft. deep, in swale, drains SE.

Chains	
57.60	Road, bears NW. and SE.
64.70	Brush fence, bears NW. and SE.; leave dense, enter scattered timber, bears NW. and SE.
80.00	On a slight SE. slope.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 9-10-15 and 16, with brass cap marked

T14S	R8W
S9	S10
S16	S15

1921

from which

A cedar, 4 ins.diam.,bears N.75°E., 155 lks. dist., marked S10 BT
A cedar, 6 ins.diam.,bears S.67½°E., 198 lks. dist.,marked T41S R8W S15 BT
A cedar, 4 ins.diam.,bears S.34½°W., 68 lks. dist.,marked S16 BT
A cedar, 7 ins.diam.,bears N.80°W., 204 lks. dist.,marked T41S R8W S9 BT

Land, rolling, with a gradual E. to SE. exposure and drainage.

Soil, sandy and clay loams, on clay subsoil.

Timber, scattering and dense cedar and pinon, on portions of the mile.

Undergrowth, medium dense black sagebrush.

Good grazing land.

S. 89°56' E., on random line, bet. secs. 10 and 15.

40.00	Set temp. ¼ sec. cor.
80.04	Intersect N. and S. line, 18 lks. S. of the cor. secs. 10-11-14 and 15; thence

S. 89°56' W., on true line, bet. secs. 10 and 15.

Over rolling land, through dense sagebrush and very scattered timber; gradually desc. W. slope.

7.35	Wash, 10 lks. wide, 8 ft. deep, course SW.
7.50	Wire fence, bears NE. and SW.
11.25	Wash, 30 lks. wide, 20 ft. deep, in large ravine, 30 ft. below cor.; course S.10°W.; gradually asc. E. slope.
16.00	Enter dense timber, bears N. and S.

27.00 Wire fence, bears N.70°W. and S.70°E.

32.00 Top of flat ridge, 130 ft. above ravine, bears N. and S.; desc. broken W. slope.

38.45 Telephone line, bears NW. and SE.; also point from which a house (owner unknown) bears N.33½°W.

40.02 On W. slope, 95 ft. below ridge.

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

$$\frac{1}{4}\ \frac{S10}{S15}$$

1921

from which

A pinon, 14 ins.diam., bears N.22°E., 25 lks. dist., marked ¼ S10 BT
A cedar, 20 ins.diam., bears S.70½°E., 57 lks. dist., marked ¼ S15 BT

43.00 Leave timber bears N. and S.

47.75 Enter level bottom land, and cultivated field, bears N. and S.

51.35 Wash, 25 lks. wide, 30 ft. deep, course S.30°W.

54.45 Leave cultivated field, bears N.10°W. and S.10°E.

55.00 Wash, 40 lks wide, 12 ft. deep, course S.

57.45 Leave bottom land, enter dense timber, bears N. and S.; gradually asc. E. and SE. slopes.

69.50 Leave dense, enter scattering timber, bears NW. and S.

80.04 The cor. of secs. 9-10-15 and 16, 50 ft. above wash.

Land, rolling and level bottom land, with gradual E. and W. slopes; drainage S.

Soil, clay and sandy loams, on clay subsoil; some scattered rocks on the slopes.

Timber, dense to scattering cedar and pinon, on portions of the mile.

Undergrowth, dense sagebrush, on greater part of mile.

Good grazing land.

N. 0°01' W., bet. secs. 9 and 10.

Over gently rolling land, through dense sagebrush and scattering timber; gently asc. over SE. slope.

Subdivision of T. 41 S., R. 8 W.

Chains	
14.50	House (owner unknown) bears N.35¾°E. Top of raise on E. slope, 30 ft. above sec. cor., bears W.; thence over slight E. and NE. slopes.
19.80	Telephone line, bears N.60°W. and S.60°E.
36.10	Leave all timber, enter level bottom land and cultivated field, bears NW. and SE.
40.00	In field.

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

¼

S9 | S10

1921

from which

A cedar, 6 ins.diam., bears S.78°20'W., 275 lks. dist., marked ¼ S9 BT

No other accessories to cor.

49.20	Leave cultivated field, bears W. and SE.
50.10	Wash, 1 ch. wide, 12 ft. deep, course SE.
52.60	Wash, 25 lks. wide, 25 ft. deep, course SE.
54.00	Enter cultivated field, bears NW. and SE.
57.60	Leave same, bears W. and SE.
57.90	Wash, 20 lks. wide, 4 ft. deep, course SE.; thence gently asc. over S. slope.
58.60	Enter alfalfa field, bears N.70°W. and S.70°E.
80.00	In alfalfa field, 35 ft. above last wash.

Set an iron post, 3 ft. long, 2 ins. dia., 28 ins. in the ground, for cor. secs. 3-4-9 and 10, with brass cap marked

T41S	R8W
S4	S3
S9	S10

1921

from which

A cedar, 12 ins.diam., bears N.48°24'E., 487 lks. dist., marked T41S R8W S3 BT

A cedar, 5 ins.diam., bears S.70°41'W., 277 lks. dist., marked T41S R8W S9 BT

No other accessories to cor.

Land, gently rolling and level, with general exposure and drainage to SE.

Soil, stiff, moist clay loam, mixed with some gravel and sandy loam on the rolling portion, lying on hard clay subsoil.

Timber, scattering cedar and pinon, on S. portion of mile.

Undergrowth, medium dense sagebrush, on portion of mile.

Land is suitable for farming.

N. 89°56' E., on random line, bet. secs. 3 and 10.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect N. and S. line, 9 lks. N. of the cor. secs. 2-3-10 and 11; thence

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

Over broken and low hilly land, through dense timber and scattered undergrowth; along top of bench to

5.00 Leave bench, bears N. and S.30°E.; desc. W. slope, 90 ft.

11.15 Wash, 20 lks. wide, 12 ft. deep, in bottom of ravine, course S.; small alkaline seep in same.

Asc. E. slope, 60 ft. to

24.75 Low rolling ridge, bears N.30°E. and S.30°W.; desc. broken NW. and W. slopes.

38.50 Wash, 20 lks. wide, 5 ft. deep, course S.; base of ridge and leave timber, enter level swale bottom and cultivated land, bears NE. and S. to SE.

40.03 In field.

Set an iron post, 5 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked

$$\frac{1}{4}\ \frac{S3}{S10}$$

1921

from which

A cedar, 14 ins.diam., bears N.78½°E., 527 lks. dist., marked ¼ S3 BT

No other accessories to cor.

Joseph Jorgenson's house bears N.22°50' W., and E. end of hay shed bears N.12½°E.

45.45 Wash, 15 lks. wide, 20 ft. deep, course S.10°E.

47.75 Leave bottom land and cultivated field, enter dense

Subdivision of T. 41 S., R. 8 W.

Chains

timber, bears N. and SE.; asc. gradual E. slope, 40 ft.

55.30 Low rolling ridge, bears N. and S.; also point from which Joseph Jorgenson's house bears N.43°10' E., and E. end of hay shed bears N.39°E.

Thence over gentle SW. slope.

65.45 Dim road, bears NE. and SW.;enter scattered timber, N.-S.

67.50 Top of 20 ft. raise on S. slope, ascends ~~to N.~~

75.15 Wire fence, bears N.10°W. and S.10°E.

77.50 Enter alfalfa field, bears with fence.

80.06 The cor. of secs. 3-4-9 and 10.

Land, rolling and broken, with gradual E. and W. slopes; drainage to S.

Soil, clay loam, mixed with some scatted rock on slope, lying on firm clay subsoil.

Timber, dense cedar and pinon, on greater part of the mile.

Undergrowth, short sagebrush, with scattered service brush.

Good grazing land, and parts of the mile suitable for farming.

N. 0°01' W., on true line, bet. secs. 3 and 4.

Slightly asc. across alfalfa field, S. slope.

9.70 E. edge of the field, bears NE. and SE.

16.70 N. edge of field and head of swale, bears NE. and SW.; enter broken land and dense timber, bears NE. and SW.; asc. S. slope.

20.18 Wire fence bears, E. and W.

40.00 On top of flat, rolling ridge, 250 ft. above sec. cor. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼

S4 | S3

1921

from which

A cedar, 5 ins.diam.,bears N.84°E., 26 lks. dist.,marked ¼ S3 BT

A pinon, 8 ins.diam.,bears S.59¼°W., 69 lks. dist.,marked ¼ S4 BT

Subdivision of T. 41 S., R. 8 W.

Chains	
	Thence along rolling top of ridge.
48.30	Irrigation ditch, 4 lks. wide, ¾ ft. deep, course SE.
52.10	Same ditch, course SW.
53.00	Same ditch, course SE.
53.50	Leave top; begin descent over N. slope.
60.70	Wire fence at base of ridge and S. edge of open hollow, 50 ft. below top of ridge, bears E. and W.
61.70	Road, bears N.80°W. and S.80°E., thence across cultivated field.
65.70	Wash, 30 lks. wide, 20 ft. deep, with small stream, 1 lk. wide, 2 ins. deep, good water, course S.80°E.
69.40	N. side of field and bottom land, bears E. and W.; asc. steep S. slope, through dense timber.
73.23	Wire fence, bears E. and W.
73.88	Top of ascent on rocky knoll, 70 ft. above bottom land, bears E.; also point from which, B.H. Sorensen's house, (center) bears S.72°48'W., and W. end of hay shed, bears S.65½°W.: desc. N. slope, 15 ft. to
80.20	Base of descent on E. edge of swale, draining SW.; gradually asc. along broken SW. slope, 30 ft. to
86.90	Intersect the 6th standard parallel south, 15.84 chs. East, of the standard cor. of secs. 33 and 34, which is a sandstone, 12x10x8 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.; note: from the S.C. of secs. 33 & 34, B.H.Sorensen's house, bears S.20½°W., and W. end hay-shed, bears S.8½° W.; at point of intersection, I

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for closing cor. of secs. 3 and 4, with brass cap marked

T40S R8W
S34
S4 | S3
T41S | R8W
CC
1921

from which

Chains	
	A pinon, 7 ins.diam.,bears S.61½°E., 101 lks. dist.,marked T41S R8W S3 CC BT A cedar, 8 ins.diam.,bears S.84°W., 22 lks. dist.,marked T41S R8W S4 CC BT
	Land, rolling and broken, with some level bottom land; gradual N. and S. slopes; drainage S. and SE.
	Soil, clay loam, mixed with some scattered rock, on clay and rock subsoil.
	Timber, dense cedar and pinon, on greater part of mile.
	Undergrowth, scattered sage and service brush.
	Fair grazing land.

	From the cor. of secs. 32 and 33, on S. bdy. of tp. N. 0°03' W., bet. secs. 32 and 33.
	Over broken and rolling bench land, through dense timber and scattered undergrowth; gradually asc. S. slope.
2.00	Top of ascent on S. edge of high bench, 30 ft. above cor., bears E. and N.80°W.; thence over rolling top of bench.
23.10	N. edge of bench, bears NE. and S.70°W.; desc. N. slope.
39.50	Base of steep descent and shallow draw, 150 ft. below bench, drains NE.
40.00	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼

S32 | S33

1921

from which

A pinon, 10 ins.diam.,bears S.66°E., 41 lks. dist.,marked ¼ S33 BT
A pinon, 10 ins.diam.,bears S.69¼°W., 47 lks. dist.,marked ¼ S32 BT

Thence along a slight NE. slope to

48.70 Begin descent over N. slope towards gulch, bears E. and W., 40 ft. to

56.20 S. rim of gulch, bears E. and W.; desc. abrupt N. slope over broken sandstone ledges.

61.00 Bottom of narrow gulch, 150 ft. deep, course N.80°W.; asc. abruptly S. slope.

67.50 N. edge of the gulch, bears N.80°W. and S.80°E.; thence

Chains	
	over smooth top of bench, slight N. slope.
75.00	N. edge of bench and S. edge of Mineral Gulch, bears N.80°W. and S.80°E.; desc. abrupt N. slope over broken ledges, 200 ft. to
80.00	On a N. slope.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 28-29-32 and 33, with brass cap marked

T41S	R8W
S29	S28
S32	S33

1921

from which

A pinon, 12 ins.diam.,bears N.54½°E., 36 lks. dist.,marked T41S R8W S28 BT
A pinon, 10 ins.diam.,bears S.13½°E., 53 lks. dist.,marked T41S R8W S33 BT
A cedar, 10 ins.diam.,bears S.43°W., 21 lks. dist.,marked T41S R8W S32 BT
A pinon, 12 ins.diam.,bears N.25¼°W., 103 lks. dist.,marked T41S R8W S29 BT

Land, rolling bench on S. 23.10 chs.; broken mountainous on remainder, with N. and NW. exposure and drainage into Mineral Gulch.

Soil, shallow clay loam and rocky, on rock and clay subsoils; limestone and sandstone formations.

Timber, dense cedar and pinon, on mile.

Undergrowth, scattering sage, service, buck and manzanita brush. Poor grazing land.

	East, on random line, bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect N. and S. line, 5 lks. S. of the cor. secs. 27-28-33 and 34; thence
	S. 89°58' W., on true line, bet. secs. 28 and 33.
	Over broken land, facing SE., through dense timber and scattering undergrowth; desc. along a S. slope, 80 ft.
3.60	Depression on S. slope, drains SE.; asc. SE. slope.
10.40	Top of ascent on edge of bench, 120 ft. above depression, bears NE. and SW.; thence over rolling top of bench.

Chains

28.50 Wood road, bears NE. and SW.

39.99 On top of bench.

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

$$\frac{1}{4}\ \frac{S28}{S33}$$

1921

from which

A yellow pine, 7 ins.diam.,bears N.51½°E., 80 lks. dist.,marked ¼ S28 BT

A yellow pine, 20 ins.diam.,bears S.45¼°W., 43 lks. dist.,marked ¼ S33 BT

41.00 Leave top of bench, bears N. and SW.; desc. over NW. and W. slopes.

54.90 Begin descent towards gulch, bears NW. and SE.

5[illegible].10 30 ft. vertical sandstone ledge, bears NW. and SE.

62.00 Bottom of small branch gulch, 250 ft. below ¼ cor., course NW.

63.80 Cross bottom of same gulch, course SW.

68.50 Same gulch, course N.70°W.: thence along broken N. slope.

79.98 The cor. of secs. 28-29-32 and 33.

E. ½ mile is gently rolling bench and broken E. slope; remainder of mile is mountainous, a general NW. slope; drainage into Mineral Gulch.

Soil, shallow clay loam and rocky, on rock and clay subsoil: formation a limestone capping lying on sandstone.

Timber, dense cedar and pinon, with a few scattered yellow pines near the ¼ cor.

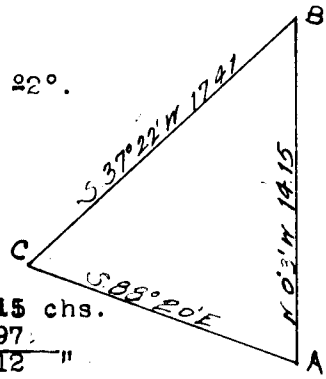
Undergrowth, scattered sagebrush, service and manzanita brush. Poor grazing land.

N. 0°03' W., bet. secs. 28 and 29.

Over broken mountainous land, through dense timber and scattered undergrowth: gradually desc. E. slope, 40 ft.

2.50 Top of 300 ft. nearly vertical sandstone rim, forming S. wall of Mineral Gulch, bears NE. and W., over which it is impossible to chain; therefore proceed on [illegible]

Chains	
	line, along top of rim as follows:
	N. 27¼°E., 5.50 chs., thence
	N. 6° E., 2.90 " ., thence
	North, 7.15 chs., thence
	S.81° W., 2.86 chs. to
16.97	Point on true line, on rim, bearing NE. and SE.; from this point I triangulate across gulch as follows: erect flag at this point which I desigante "A" and set flag "B" on line, on N. rim, then from "B" measure a base line, "BC" S.37°22'W., 17.41 chs., to point whence "A" bears S.88°20'E. All angles checked by deflection and by direct reading of the solar.
	Vertical angle from "B" to "A" = 22°.



Triangulation distance = 14.15 chs.
16.97
Dist. to tri. flag "B" = 31.12 "

25.00	(Approximate) Bottom of Mineral Gulch, dry, 1 to 2 chs. wide in bottom, 300 to 400 ft. deep, with nearly vertical sandstone walls, course SW.
30.00	N. rim of the gulch, bears NE. and SW.
31.12	Point of triangulation; thence over broken SE. slope.
39.10	Rocky draw, 25 ft. deep, course SE.
40.00	On steep S. slope.

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

¼

S29 | S28

1921

from which

A pinon, 8 ins.diam., bears S.48°E., 26 lks. dist., marked ¼ S28 BT
A pinon, 8 ins.diam., bears S.75¼°W., 40 lks. dist., marked ¼ S29 BT

Asc. steep S. and SW. slopes.

Subdivision of T. 41 S., R. 8 W.

Chains	
49.60	Asc. more gradually along W. slope.
59.50	Spur, 250 ft. above ¼ cor., projects SE., and bears NW. 1 ch. dist. to top of bench, bearing N. and W.; thence along an E. slope to
71.00	Begin descent over NE. slope, 55 ft. to
75.60	Draw, course SE.; asc. S. slope, 55 ft. to
78.90	Top of ascent from draw and S. edge of bench, bears N.80°W. and S.80°E.; thence over top of bench.
80.00	Set an iron post, 3 ft. long, 2 ins. dia., 20 ins. in the ground to bedrock, and in a large mound of stone, for cor. of secs. 20-21-28 and 29, with brass cap marked

T41S	R8W
S20	S21
S29	S28

1921

from which

A pinon, 8 ins.diam.,bears N.30°E., 32 lks. dist.,marked T41S R8W S21 BT
A pinon, 10 ins.diam.,bears S.32½°E., 27 lks. dist.,marked T41S R8W S28 BT
A cedar, 6 ins.diam.,bears S.57¾°W., 47 lks. dist.,marked T41S R8W S29 BT
A pinon, 6 ins.diam.,bears N.78¼°W., 63 lks. dist.,marked T41S R8W S20 BT

Land, broken mountainous, with general N. and S. and SE. exposures and drainage into Mineral Gulch, which drains SW.

Soil, rocky with shallow clay loam and shale; sandstone formation, with capping of blue limestone in places.

Timber, dense cedar and pinon.

Undergrowth, scattered sage, service and oak brush.

Poor grazing land.

N. 89°58' E., on random line, bet. secs. 21 and 28.

40.00 Set temp. ¼ sec. cor.

79.90 Intersect N. and S. line, 7 lks. S. of the cor. secs. 21-22-27 and 28: thence

S. 89°55' W., on true line, bet. secs. 21 and 28.

Over mountainous land, through dense timber and scattering undergrowth; desc. steep W. slope, 85 ft. to

Chains	
4.70	Small branch gulch, course NW.; asc. NE. slope, 60 ft. to
7.10	Top of ascent on N. slope, ascends to S.; desc. 80 ft.
12.50	Draw, course N.; asc. 40 ft. to
19.10	Spur, projects NE.; gradually desc. along NW. slope.
26.70	Top of 30 ft. perpendicular sandstone ledge on E. rim of Mineral Gulch, bears NE. and SW.
28.00	Wash, 40 lks. wide, 4 ft. deep, in bottom of Mineral Gulch, 130 ft. below last spur, course SW.; thence along bottom to
32.30	Wash, 30 lks. wide, 3 ft. deep, in mouth of draw, from the NW., course SE.;
34.20	Leave bottom of gulch, bears NW. and SE.; asc. steep NE. and E. slopes.
39.95	On steep E. slope, 105 ft. above gulch.
	Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in the ground to underlying rock, and in a large mound of stone, for ¼ sec. cor., with brass cap marked
	$\frac{1}{4}\ \frac{S21}{S28}$
	1921
	from which
	A cedar, 5 ins. diam., bears S.65½°E., 10 lks. dist., marked ¼ S28 BT
	A cedar, 14 ins. diam., bears N.68°W., 62 lks. dist., marked ¼ S21 BT
56.90	Top of ascent on E. edge of bench, 200 ft. above ¼ cor., bears N. and S.; thence over rolling top of bench.
79.90	The cor. of secs. 20-21-28 and 29.
	Land, broken mountainous, with general E. and W. slopes, and drainage into Mineral Gulch, course SW., on the E. 56.90 chs., rolling top of bench on remainder of mile.
	Soil, shallow clay loam and rocky, with some sandy loam and shale; sandstone and limestone formations.
	Timber, dense cedar and pinon, with scattered yellow pines on E. end of the mile.
	Undergrowth, scattered sage, service, oak and manzanita brush.

Subdivision of T. 41 S., R. 8 W.

Chains	
	N. 0°03' W., bet. secs. 20 and 21.
	Over rolling top of bench, through dense timber and very scattered undergrowth.
2.40	Top of slight raise on bench.; thence over slight N. and NE. exposures.
23.60	Draw, 40 ft. deep, near head, course N.80°E.
34.90	Wire fence, bears E. and W.
35.10	Begin descent over N. slope into ravine, bears E. and W.
39.40	Ravine, 60 ft. deep, course SE.
40.00	On S. slope, 12 ft. above ravine bottom.
	Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the ground to bedrock, and in a large mound of stone, for ¼ sec. cor., with brass cap marked

¼
S20 | S21
1921

from which

A pinon, 8 ins.diam.,bears N.28°E., 41 lks. dist.,marked ¼ S21 BT
A pinon, 14 ins.diam.,bears N.10¾°W., 81 lks. dist.,marked ¼ S20 BT

41.70	Top of ascent from ravine, 35 ft. above ¼ cor., bears E. and NW.; thence over rolling top, slight N. and NE. exposure.
55.50	Leave nearly all timber, enter dense sagebrush, bears NW. and SE.
76.30	Wash, 10 lks. wide, 7 ft. deep, in wide, shallow swale, drains SE.; thence over slight S. exposure.
77.70	Wire fence, bears S.80°E., and W. for 5 chs. to end against wash.
80.00	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 16-17-20 and 21, with brass cap marked

T41S	R8W
S17	S16
S20	S21

1921

from whcich

Chains	
	A cedar, 4 ins.diam.,bears N.56½°E., 163 lks. dist.,marked S16 BT
	A cedar, 5 ins.diam.,bears S.83¼°E., 111 lks. dist.,marked S21 BT
	A cedar, 6 ins.diam.,bears S.64°W., 245 lks. dist.,marked T41S R8W S20 BT
	A cedar, 8 ins.diam.,bears N.44½°W., 383 lks. dist.,marked T41S R8W S17 BT
	Land, rolling bench; exposure and drainage E. and SE.
	Soil, clay and sandy loams, lying on clay and rock sub-soil; formation limestone and sandstone.
	Timber, dense cedar and pinon, with a few yellow pines, on S. 55½ chs., few scattered young trees on remainder.
	Undergrowth, considerable sagebrush, with scattered service and oak brush.
	Northern end of mile suitable for farming; there are cultivated fields on both sides of the line, on parts of mile to N. of the dense timber.

	N. 89°55' E., on random line, bet. secs. 16 and 21.
40.00	Set temp. ¼ sec. cor.
79.86	Intersect N. and S. line, 2 lks. S. of the cor. secs. 15-16-21 and 22; thence
	S. 89°54' W., on true line, bet. secs. 16 and 21.
	Over rolling land, through dense sagebrush, and few scattered cedars.
0.47	Wire fence, bears N. and S.
3.50	Wash, 10 lks. wide, 2 ft. deep, in swale, 20 ft. deep, course SE.; thence over land with gentle E. exposure.
21.89	Point from which, Mark Chamberlin's house, bears S.9° 42' W.
32.50	Road, Mt Carmel to Clear Creek and Zion Canyon, bears N.60°W. and S.60°E.
36.80	Enter cultivated land, bears N.60°W. and S.60°E.
39.93	In field.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S16/S21
	1921

Chains	
	raise a mound of stone, 2 ft. base, 1½ ft. high, N. of post.
	Center of Mark Chamberlin's house bears S.29°E.
60.80	Leave cultivated field, bears NW. for 5 chs. thence N., and SE.
63.50	Top of low, rolling ridge, 90 ft. above sec. cor., bears N.30°W. and SE.; thence over gentle SW. slope.
79.86	The cor. of secs. 16-17-20 and 21, 25 ft. below ridge.
	Land, rolling; general E. slope and drainage on E. 63½ chs., and to SW. on the remainder of mile.
	Soil, deep clay and sandy loam, on clay subsoil.
	Timber, few scattering cedars.
	Undergrowth, dense sagebrush. Most of mile suitable for farming.

	N. 0°03' W., bet. secs. 16 and 17.
	Over rolling land, through scattering timber and medium dense sagebrush; gradually asc. S. slope, 65 ft. to.
19.00	Top of low, rolling ridge, bears N.70°W. and SE.; thence over gentle N. and NE. slopes.
37.05	Road, Mt. Carmel to Clear Creek and Zion Canyon, bears NW. and SE.
40.00	On a slight S. exposure.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in. the ground, for ¼ sec. cor., with brass cap marked
	¼ S17 ↑ S16 1921
	from which
	A cedar, 12 ins. diam., bears S.78½°E., 53 lks. dist., marked ¼ S16 BT A cedar, 8 ins. diam., bears N.27°W., 48 lks. dist., marked ¼ S17 BT
	Enter heavier timber, bears NW. and SE.
71.80	Wash, 20 lks. wide, 20 ft. deep, in wide, shallow swale, course SE.

Subdivision of T. 41 S., R. 8 W.

Chains	
	Gradually asc. 40 ft. to
78.00	Top of ascent from wash, bears NW. and SE.
80.00	On bench.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 8-9-16 and 17, with brass cap marked

T41 S R8W
S8 | S9
S17 | S16
1921

from which

A cedar, 14 ins.diam.,bears N.57¼°E., 35 lks. dist.,marked T41S R8W S9 BT
A cedar, 8 ins.diam.,bears S.56¾°E., 57 lks. dist.,marked T41S R8W S16 BT
A cedar, 13 insddiam.,bears S.16°W., 74 lks. dist.,marked T41S R8W S17 BT
A cedar, 14 ins.diam.,bears N.7½°W., 54 lks. dist.,marked T41S R8W S8 BT

Land, rolling; general exposure and drainage to SE.

Soil, deep sandy and clay loams, on clay subsoil.

Timber, scattering to medium dense cedar and pinon.

Undergrowth, medium dense sagebrush.

Good grazing land. Land on greater part of the mile is suitable for farming.

	N. 89°54' E., on random line, bet. secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
79.82	Intersect N. and S. line, 5 lks. N. of the cor. secs. 9-10-15 and 16; thence
	S. 89°56' W., on true line, bet. secs. 9 and 16.
	Over rolling land, with general SE. exposure, through dense sagebrush and few scattering cedars.
13.00	Top of low raise, 50 ft. above sec. cor., bears NW. and SE.
24.60	Road, bears NW. and SE.
27.20	Wash, 15 lks. wide, 15 ft. deep, in swale, course SE.; thence over gentle E. slope.
39.91	On gentle E. slope, 40 ft. above wash.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked

[illegible]

Chains	
	Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground, for cor. secs. 4-5-8 and 9, with brass cap marked

T41S	R8W
S5	S4
S8	S9

1921

from which

A cedar, 6 ins.diam.,bears N.76½°E., 40 lks. dist.,marked T41S R8W S4 BT
A cedar, 12 ins.diam.,bears S.28½°E., 56 lks. dist.,marked T41S R8W S9 BT
A pinon, 14 ins.diam.,bears S.68°W., 94 lks. dist.,marked T41S R8W S8 BT
A pinon, 10 ins.diam.,bears N.69½°W., 90 lks. dist.,marked T41S R8W S5 BT

Cor. stands 225 ft. above ¼ sec. cor.

S. 36.80 chs. is gently rolling bench with S. to SE. exposure; remainder of mile is broken land facing SW; drainage S.

Soil, sandy and clay loams, mixed with rock on slopes, on clay and rock subsoil; sandstone formation.

Timber, medium dense cedar and pinon, on mile.

Undergrowth, considerable sagebrush, with scattering service and oak brush. Fair grazing land.

N. 89°56' E., on random line, bet. secs. 4 and 9.

40.00 Set temp. ¼ sec. cor.

79.90 Intersect N. and S. line, 2 lks. S. of the cor. secs. 3-4-9 and 10; thence

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

Across alfalfa field, gentle S. slope.

1.90 Wash, 20 lks. wide, 15 ft. deep, course S.; leave field, bears N. and S., enter scattering timber and undergrowth; continue across swale bottom to

10.40 Leave bottom land, enter rough broken land and heavier timber, bears N. and S.20°E.; asc. E. slope, 185 ft. to

20.30 Spur, projects S. about 3 chs. to point; desc. W. and SW. slopes.

21.65 Old brush fence, bears NW. and SE.

Subdivision of T. 41 S., R. 8 W.

Chains	
29.00	Base of descent and head of swale, 120 ft. below spur, drains SE.; asc. broken SE. slope.
39.95	On SE. slope, 95 ft. above swale.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked
	$\frac{1}{4}$ $\frac{S4}{S9}$
	1921
	from which
	A cedar, 14 ins.diam.,bears S. ½° E., 22 lks. dist.,marked ¼.S9 BT
	A pinon, 8 ins.diam.,bears N.39¾°W., 28 lks. dist.,marked ¼.S4 BT
	Asc. SE. slope, 40 ft. to
43.00	Spur, near S. end, bears N.; desc. W. slope, 130 ft.
50.70	Wash, 10 lks. wide, 6 ft. deep, in open swale, 2 chs. wide, course SE.; asc. E. slope, 120 ft. to
59.00	Spur, projects S.30°E.; desc. W. slope, 80 ft. to
63.00	Base of spur, and E. edge of level cultivated land in hollow bottom, also wire fence, bearing N.30°W. and S.30°E.
64.15	Point from which, John H. Reese's house, bears N.28°W., 1.16 chs. dist. to SW. cor.
64.90	E. side of feed corral, bears N. and S.; leave cultivated land, bears SE. and N.80°E.
66.65	W. side of feed corral, bears SE. and NE., also wash, 15 lks. wide, 2 ft. deep, in hollow, near head, drains SE.
70.00	Leave hollow bottom, bears NW. and SE.; asc. steep NE. and E. slopes, through dense timber, 170 ft. to ridge.
77.65	Wire fence, bears N. and S.20°W.
78.00	Top of ridge, bears N.20°W. and S.20°E.; gently desc. 5 ft. to
79.90	The cor. of secs. 4-5-8 and 9.
	Land, rough and broken, with general S. to SE. exposure and drainage.
	Soil, mostly a heavy blue clay and rocky, on clay and rock subsoil, except in hollow bottoms where soil is

Chains	
	a deep clay loam.
	Timber, medium dense cedar and pinon, on most of mile.
	Undergrowth, scattered sage, service and oak brush.
	Poor grazing land on greater part of the mile.

	N. 0°02' W., on true line, bet. secs. 4 and 5.
	Over rough broken land, through dense timber and scattering undergrowth; gradually asc.
6.00	Flat ridge, 30 ft. above sec. cor., bears NW. and S.20°E. thence along broken E. and SE. slopes, ascending.
35.40	Wire fence, bears N.70°E. and S.70°W.
36.60	Ridge, 300 ft. above sec. cor., bears E. and W.; desc. steep N. slope.
37.64	Point from which the center of B.H. Sorensen's house, bears N.62°42'E., and W. end of hay-shed bears N.65½°E.
40.00	On steep N. slope, 55 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked
	S5 ¼ S4 1921
	from which
	A pinon, 10 ins.diam.,bears N.85°E., 45 lks. dist.,marked ¼ S4 BT A pinon, 8 ins.diam.,bears N.23½°W., 8 lks. dist.,marked ¼ S5 BT
42.60	Draw, 70 ft. below ¼ cor., course NE.; thence along broken land facing E.; asc. 70 ft. to
48.90	Spur, projects E.; desc. abrupt N. slope.
53.70	Draw, 100 ft. deep, course E.
87.21	Intersect the 8th standard parallel south, East, 16.06 chs. dist. of the standard cor. of secs. 32 and 33, which is a sandstone, 10x10x6 ins., above ground, firmly set, marked and witnessed as described by the surveyor general; at point of intersection, I
	Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bedrock, and in a large mound of stone, with 5 ft. base, for the closing cor. of secs. 4 and 5,

Subdivision of T. 41 S., R. 8 W.

Chains	Remarks
	with brass cap marked

T40S R8S
S33
S5 | S4
T41S | R8W
CC
1921

from which

A cedar, 10 ins.diam.,bears S.17½°E., 51 lks. dist.,marked T41S R8W S4 CC BT
A pinon, 12 ins.diam.,bears S.11¾°W., 49 lks. dist.,marked T41S R8W S5 CC BT

Land, rough and broken; general exposure and drainage to SE. on the S. 36.60 chs., and to E. on remainder.
Soil, heavy clay and rocky, on rock and clay subsoil.
Timber, dense cedar and pinon.
Undergrowth, scattering sage, service, oak and buck brush. Fair grazing land. Cor. stands on SW. slope.

From the witness cor. to sec. 31 and 32 on S. bdy. of tp., which is 4.50 chs. W. of true point.
N. 0°03' W., on offset line, bet. secs. 31 and 32.
Ascending along broken E. slope on W. edge of canyon rim.

16.00	At 16.00 chs. offset East, 4.50 chs. to true line, thence
	N. 0°03' W., on true line
17.00	Top of ridge or narrow neck of bench, 175 ft. above the witness cor., bears NE. and SW.; thence desc. along abrupt, ledge W. face of high rim to
35.60	Top of 100 ft. nearly vertical ledge, 245 ft. below the ridge, bears NE. and S.10°W.; abrupt descent over N. face.
36.75	Base of ledges, bears NE. and S.10°W., continue abrupt descent over N. slope, through scattering timber and heavier undergrowth.
40.00	On abrupt N. slope, 510 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked

Chains	
	$\frac{1}{4}$ S31 | S32 1921
	from which
	A pinon, 8 ins.diam.,bears S.1½°E., 62 lks. dist.,marked ¼ S32 BT A yellow pine, 6 ins.diam.,bears S.37½°W., 86 lks. dist.,marked ¼ S31 BT
49.70	Draw, 170 ft. below ¼ cor., course NW.; thence along broken W. slope, asc. 20 ft. to
54.50	Top of ascent on W. slope; desc. rocky NW. and N. slopes, 125 ft. to
64.50	Wash, 80 lks. wide, 6 ft. deep, in bottom of Mineral Gulch, 780 ft. below top of ridge or rim, course SW. about 15 chs. dist. to junction with Little Meadow Gulch, thence about S.; asc. gradual SE. slope in bottom, 70 ft. to
72.00	Top of ascent on E. slope., bears NW. to ledge; desc. 20 ft. to
74.50	Wash, 20 lks. wide, 3 ft. deep, in mouth of gulch from the N., course S.30°E.
75.70	Recross wash, course SW.
79.00	Recross wash, course SE.
80.00	In gulch bottom, on E. side of wash.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 29-30-31 and 32, with brass cap marked
	T41S | R8W S30 | S29 S31 | S32 1921
	from which
	A cedar, 5 ins.diam.,bears N.10½°E., 47 lks. dist.,marked T41S R8W S29 BT A cedar, 8 ins.diam.,bears S.53½°E., 56 lks. dist.,marked T41S R8W S30 BT A cedar, 12 ins.diam.,bears S.38¼°W., 91 lks. dist.,marked T41S R8W S31 BT A cedar, 18 ins.diam.,bears N.23½°W., 294 lks. dist.,marked T41S R8W S30 BT
	Land, broken mountainous; S. 17 chs. has a SE. exposure into deep gulch draining S. into Rio Virgin River; next 47½ chs. faces W. and NW. from high sandstone rim,

Subdivision of T. 41 S., R. 8 W.

Chains	
	into Little Meadow and Mileral Gulches; remainder of mile lies in bottom of Mineral Gulch.
	Soil, rocky in form of ledges and barren rock, with shallow sandy loam; sandstone formation.
	Timber, dense to scattering cedar and pinon, with a few scattered yellow pine.
	Undergrowth, medium growth of sagebrush, service and oak brush. Fair grazing on portions of the mile.

	East, on random line, bet. secs. 29 and 32.
	The line E. from the sec. cor. follows along N. rim of Mineral Gulch, crossing ledgy points, from 400 to 500 ft. high, which cannot be chained, therefore I offset
	South, 8.06 chs., thence
	East, on offset line, 40.00 chs., thence
	North, 4.13 chs. to base of canyon wall, where set temp. witness ¼ sec. cor.; thence
	East, from the witness ¼ cor. (with continuous measurement) to 51.00 chs., thence
	North, 3.93 chs., thence
	East.
80.04	Intersect N. and S. line, 1 lk. S. of the cor. of secs. 28-29-32 and 33; thence
	West, on true line, bet. secs. 29 and 32.
	Over broken mountainous land, through dense timber and scattering undergrowth; asc. along broken N. and NE. slopes, along top of S. rim of Mineral Gulch, 225 ft. to
13.00	Top of ascent on N. slope, bears SE.; desc. NW. and W. slopes towards rim, 100 ft. to
19.00	Top of 250 ft. nearly vertical sandstone ledge, forming S. wall of canyon, bears NE. and SW.; precipitous descent W. face.
25.00	Base of rim and enter canyon bottom, 450 ft. below top, bears NE. and SW.; thence across canyon bottom, through dense sagebrush and scattering timber.

Chains	
26.50	Wash, 50 lks. wide, 5 ft. deep, in bottom of Mineral Gulch, course S.70°W.
29.04	Base of 300 ft. sandstone wall, on N. side of gulch, bears N.70°E. and S.70°W.; impossible to continue further W. on true line; thence offset South, 3.93 chs., thence West, on offset line to
40.02	In bottom of Mineral Gulch at base of 250 ft. nearly vertical sandstone wall, bearing N.70°E. and S.70°W. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for witness ¼ cor. to the ¼ sec. cor., with brass cap marked ¼ WC S29 / S32 1921 from which A cedar, 6 ins.diam.,bears S.75¾°E., 288 lks. dist., marked WC ¼ S32 BT A cedar, 24 ins.diam.,bears S.43¾°W., 186 lks. dist.,marked WC ¼ S32 BT also a cross X, 8 ins. dia., in S. face of sandstone wall, bears N.30°W., 15 lks. dist., with marks WC BO ¼ S32. Cor. stands 3.93 chs. dist. S. of its true position. It is impracticable to place cor. on true line falling near top of the N. rim of gulch on abrupt S. face. From the W. ¼ C., I offset South, 4.13 chs. or total of 8.06 chs. S. of true line, thence (noting topography) West, on offset line, along bottom of gulch, through dense sagebrush, with few scattered trees.
41.90	Wash, 60 lks. wide, 4 ft. deep, course SW.
43.20	N. 2 chs. dist. is S. point of N. canyon wall, bears NE. and NW.
47.25	Recross wash, course NW.
55.00	Point S. of mouth of deep box gulch entering from the N.

Chains	
60.15	Recross wash, course SW.
66.50	Leave level bottom, bears NE. and SW.; asc. 75 ft. to
72.00	Top of ascent on S. slope, bears N. 4 chs. dist. to S. end of canyon wall, bearing NE. and NW.; desc. gradual W. slope, 60 ft. to
78.00	Wash, 20 lks. wide, 3 ft. deep, in branch gulch from the N., course S.30°E.
80.04	Thence North, 8.06 chs. to the cor. of secs. 29-30-31 and 32.

Land, broken mountainous, abrupt slopes of Mineral Gulch.

Soil, rocky with shallow sandy and clay loams, on slopes; deep sandy and clay loams in bottom land.

Timber, dense to scattering cedar and pinon, on parts of the mile.

Undergrowth, dense sagebrush. Good grazing land in canyon bottom.

West, on true line, bet. secs. 30 and 31.

As it is impossible to run W. from sec. cor. on account of line following broken rim of Mineral and Little Meadow Gulches, crossing two high points with sandstone walls from 400 to 500 ft. high, which make chaining impossible, I offset

South, 16.00 chs., thence

West, on offset line, in canyon bottom, 30.00 chs., thence, North, 16.00 chs. to true line, thence

West, on true line, in bottom of Little Meadow Gulch, through dense sagebrush.

37.75	Stream, 3 lks. wide, 3 ins. deep, in bottom of Little Meadow Gulch, course SE.
40.00	In level bottom line.

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

$$\frac{1}{4}\ \frac{S30}{S31}$$

1921

from which

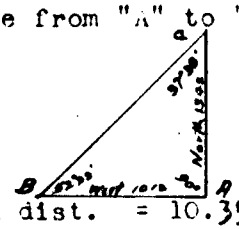
Chains

A yellow pine, 8 ins.diam.,bears S.12⅓°E., 412 lks. dist.,marked ¼ S31 BT
A cedar, 6 ins.diam.,bears N.16⅓°W., 197 lks. dist.,marked ¼ S30 BT

The line to the W. passes over high sandstone wall on W. side of canyon over which it is impossible to chain; base of wall bears W. about 4½ chs. dist. To determine dist to top I triangulate as follows;

I erect flag at ¼ sec. cor. which I designate "A" and set flag "B" on top of rim, W., then, measure base line "AC" North, 13.42 chs. to point whence "B" subtends angle of 37°38'; from "B" the base "AC" subtends angle of 52°22'. All angles checked by deflection.

Vertical angle from "A" to "B" = plus 33⅓°.



Triangulation dist. = 10.35 chs.

50.35 Point of triangulation on top of 300 ft. nearly vertical sandstone ledge and main rim on W. side of Little Meadow Gulch, 440 ft. above ¼ sec. cor., bears NW. and S.: continue steep ascent over ledgy and broken NE. slope, through dense timber, 265 ft. to

66.70 Top of steep ascent and upper rim of the gulch, 705 ft. above ¼ cor., bears N. and SE.: thence over broken mesa or bench land, facing NE.

72.96 Intersect W. bdy. of tp., 6.74 chs. S. of the cor. secs. 25-30-31 and 36, which is an iron post, 3 ins. dia., extending 12 ins. above mound of stone, firmly set, marked and witnessed as described by the surveyor general. I destroy all marks on post and bearing trees pertaining to R. 8 W., leaving it the cor. of secs. 25 and 36, T.41 S.,R.9 W. only. At point of intersection Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for closing cor. of secs. 30 and 31, with brass cap marked

T41S	T41S
R9W	S30
S36	S31
	R8W

SC

1921

Chains	
	from which
	A pinon, 6 ins.diam.,bears N.55°E., 21 lks. dist.,marked T41S R8W S30 CC BT
	A pinon, 6 ins.diam.,bears S.7½°E., 9 lks. dist.,marked T41S R8W S31 CC BT
	Land, broken mountainous, abrupt ledgy slopes; drainage SE to S.
	Soil, rocky with shallow sandy loam, on rough portions; deep, fine sandy and clay loams in canyon bottoms.
	Timber, scattering to dense cedar and pinon, on portions of the mile.
	Undergrowth, sagebrush, with scattering service and oak brush. Grazing land in canyon bottom.

	N. 0°03' W., bet. secs. 29 and 30, from the cor. of secs. 29-30-31 and 32.
	The line to N. of sec. cor. passes over high sandstone wall, base of which is about 5 chs. N. and bears N.20°E. and S.20°W., up which it is impossible to chain, and because of the peculiar lay of the country, the sec. cor. being in the bottom of deep gulch with high walls to the N., E., and W., am unable to obtain a base for triangulation; therefore to determine dist. to top I proceed as follows:
	I proceed to a point West, 6.36 chains dist. of the sec. cor. on top of 450 ft. nearly vertical wall, which bears N.20°E. and S.20°W., thence along top of rim, through dense timber.
	N. 20° E., 18.59 chs. or
17.47	Point on true line, which bears N. 0°03' W. from sec. cor.; the top of the rim, 460 ft. above cor., bearing N.20°E. and S.20°W., bears S. 50 lks. dist. of this point. Thence
	N. 0°03' W., on true line; over broken land facing E. and SE., through dense timber and scattering undergrowth.
32.00	Top of ascent on E. slope, 60 ft. above rim, bears W.; desc. NE. slope, 40 ft. to

38.50 Small draw, drains N.70°E.; asc. 20 ft. to

40.00 On a SE. slope.

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

¼
S30 | S29
1921

from which

A pinon, 8 ins.diam.,bears S.69°E., 38 lks. dist.,marked ¼ S29 BT
A cedar, 18 ins.diam.,bears S.12°W., 29 lks. dist.,marked ¼ S30 BT

42.50 Top of low ascent on E. slope, 30 ft. above ¼ cor., bears S.; desc. NE. slope, 35 ft. to

49.80 Draw, course SE. about 5 chs. dist. to junction with another draw from the N., and head of deep box gulch, course S.; asc. steep S. slope, 260 ft. to

65.40 Top of ascent on S. edge of high bench, bears W. and N.20°E.; thence over rolling top of bench.

80.00 On nearly level ground.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 19-20-29 and 30, with brass cap marked

T41S | R8W
S19 | S20
S30 | S29
1921

from which

A cedar, 10 ins.diam.,bears N.74°E., 35 lks. dist.,marked T41S R8W S20 BT
A cedar, 24 ins.diam.,bears S.41°E., 66 lks. dist.,marked T41S R8W S29 BT
A cedar, 6 ins.diam.,bears S.76½°W., 34 lks. dist.,marked T41S R8W S30 BT
A pinon, 6 ins.diam.,bears N.45¾°W., 108 lks. dist.,marked T41S R8W S19 BT

Land, rough mountainous and broken; general exposure and drainage SE. to S.; sandstone & limestone formation. Soil, rocky with shallow sandy and clay loams, lying on rock and clay subsoils.

Timber, dense cedar and pinon.

Chains	
	Undergrowth, scattered sage, service and oak brush. Fair grazing land, on greater part of the mile.
	East, on random line, bet. secs. 20 and 29.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect the cor. of secs. 20-21-28 and 29; thence West, on true line, bet. secs. 20 and 29.
	Over gently rolling top of bench, through dense timber and scattering undergrowth; along top of bench.
7.00	Cross head of draw, 25 ft. deep, course SE.; thence over slight E. exposure.
30.00	Top of flat raise on bench, 50 ft. above sec. cor., bears N. and S.; thence slight W. exposure.
40.02	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock, and in a large mound of stone, 5 ft. base, for the ¼ sec. cor., with brass cap marked ¼ S20 / S29 1921 from which A pinon, 8 ins.diam.,bears N.3°E., 24 lks. dist.,marked ¼ S20 BT A pinon, 8 ins.diam.,bears S.22½°W., 52 lks. dist.,marked ¼ S29 BT
42.25	W. edge of bench, bears NW. and SW.; desc. W. slope.
56.60	Bottom of ravine, 170 ft. below edge of bench, course S.20°W.; asc. 50 ft. to
62.00	Low spur, projetcs S.: desc. 50 ft. to
65.80	Draw, course S.30°E.; asc. steep E. slope, 200 ft. to
75.75	Top of ascent on E. edge of bench, bears NW. and S.; thence over top of bench.
80.04	The cor. of secs. 19-20-29 and 30.
	Land, gently rolling bench and broken land; drainage S. Soil, deep sandy and clay mixed loam, on clay subsoil, on the top of bench; rocky and shallow clay on slopes; sandstone and limestone formation.
	Timber, dense cedar and pinon, on mile.
	Undergrowth, scattering sage, service and oak brush.

West, on true line, bet. secs. 19 and 30.

Over rolling top of bench, through dense timber and scattering undergrowth.

9.50 Leave top, bears NW. and S.; gradually desc. SW. slope.

20.70 Near head of draw, 75 ft. below top bench, course SE.; asc. E. slope, 100 ft. to

26.00 Top of E. edge bench, bears NW. and SE.; thence over bench.

40.00 On bench, near W. edge.

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

$$\frac{1}{4}\ \frac{S19}{S30}$$

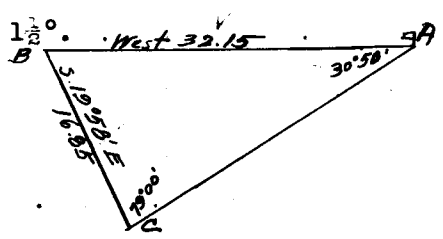
1921

from which

A cedar, 6 ins. diam., bears N. 2¾° W., 36 lks. dist., marked ¼ S19 BT
A pinon, 12 ins. diam., bears S. 23° E., 78 lks. dist., marked ¼ S30 BT

40.77 W. edge of bench and top of E. rim of Little Meadow Gulch, bears N. and S.; it is impracticable to chain across the canyon, which is from 600 to 700 ft. deep, rimmed on both sides with high sandstone ledges; therefore I triangulate to W. bdy. of tp. as follows: there being no suitable place for base line along this rim, I erect flag at this point which I designate "A" then proceed to W. bdy. of tp., where set flag "B" on line, thence measure base line "BC" S. 19°58' E., 16.85 chs. to point whence "A" subtends angle of 79°00'. From "A" the base "BC" subtends angle of 30°58'.

All angles checked by deflection. Vertical angle from "B" to "A" = plus 1½°.



Triangulation dist. = 32.15 chs.
Dist. measured = 40.77 "
72.92 "

72.92 Intersect W. bdy. of tp., 6.90 chs. S. of the cor. secs.

Subdivision of T. 41 S., R. 8 W.

Chains

19-24-25 and 30, which is an iron post, 3 ins. dia., extending 12 ins. above mound of stone, firmly set, marked and witnessed as described by the surveyor general. I destroy all marks on cor. pertaining to R. 8 W., leaving it the cor. of secs. 24 and 25, T.41 S.,R. 9 W. only. At point of intersection, I

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

T41S R9W	T41S S19
S25	S30 R8W

CC

1921

from which

A pinon, 8 ins.diam.,bears N.57°E., 112 lks. dist.,marked T41S R8W S19 CC BT
A pinon, 10 ins.diam.,bears S.57½°E., 104 lks. dist.,marked T41S R8W S30 CC BT

Cor. stands on steep, rocky SE. slope, about 1 ch. E. and 1 ch. to S. of W. rim of Little Meadow Gulch. The rim bears NE.,and SW. for 2 chs. thence to SE.

E. 40.77 chs. rolling bench; remainder of mile is abrupt ledgy slopes of Little Meadow Gulch, draining S.

Soil, rocky and shallow caly and sandy loams; sandstone formation.

Timber, dense cedar and pinon.

Undergrowth, scattering sage, service and buck brush.

Fair grazing on the bench.

From the cor. of secs. 19-20-29 and 30.

N. 0°03' W., bet. secs. 19 and 20.

Over rolling and broken bench lands, through dense timber and scattering undergrowth; along top of bench to

1.80 Leave top, bears NW. and E.; desc. N. slope, 140 ft. to

12.50 Draw, course SE.; gradually asc. 105 ft. to

27.40 N. rim of draw and edge of bench, bears E. for 2 chs. thence to S., and SE.; thence over bench with exposure to S.

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

¼
S19 | S20
1921

from which

A cedar, 6 ins.diam.,bears S.74¾°E., 57 lks. dist.,marked ¼ S20 BT
A cedar, 14 ins.diam.,bears S.78°W., 53 lks. dist.,marked ¼ S19 BT

	Gently asc.
71.60	Low ridge, 90 ft. above ¼ cor., bears NE. and SW.: leave smooth top of bench, enter rough, broken land facing W., bears with ridge.
80.00	On a steep NE. slope.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 17-18-19 and 20, with brass cap marked

T41S	R8W
S18	S17
S19	S20

1921

from which

A cedar, 8 ins.diam.,bears N.26¾°E., 67 lks. dist.,marked T41S R8W S17 BT
A pinon, 8 ins.diam.,bears S.5½°E., 49 lks. dist.,marked T41S R8W S20 BT
A cedar, 10 ins.diam.,bears S.10¼°W., 48 lks. dist.,marked T41S R8W S19 B.T.
A cedar, 6 ins.diam.,bears N.42½°W., 19 lks. dist.,marked T41S R8W S18 BT

Land, rolling and broken; exposure and drainage to SE. on the S. 71.60 chs. and to W. on remainder.

Soil, clay and sandy loams, on clay and shale subsoil, some scattered rocks on slopes; sandstone formation.

Timber, dense cedar and pinon, on mile.

Undergrowth, medium growth of sagebrush, service and manzanita. Good grazing land, on greater part of the mile.

Subdivision of T. 41 S., R. 8 W.

Chains

East, on random line, bet. secs. 17 and 20.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect N. and S. line, 2 lks. S. of the cor. secs. 16-17-20 and 21; thence

S. 89°59' W., on true line, bet. secs. 17 and 20.

Over rolling land, through scattering timber and medium dense undergrowth.

4.00 Wash. 15 lks. wide, 10 ft. deep, in wide, shallow swale, course SE.; thence gradually asc. E. slope

10.00 Enter dense timber, bears N. and S.

24.95 Wire fence, bears N.40°E. and S.40°W.

35.00 Leave dense, enter more scattered timber, bears NE. and SW.; thence over more of a NE. exposure.

40.03 On a slight N. exposure.

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

¼ S17
S20
1921

from which

A cedar, 5 ins.diam.,bears N.11°W., 62 lks. dist.,marked ¼ S17 BT
A cedar, 6 ins.diam.,bears S.22°E., 119 lks. dist.,marked ¼ S20 BT

47.50 Leave scattered, enter dense timber, bears N. and S.

56.00 Low flat ridge, 220 ft. above sec. cor., bears N.30°W. and S.30°E.

58.35 Wire fence, bears N.80°W. and S.80°E.

67.55 Swale, near head, 60 ft. deep, course S.; asc.

73.05 Bend of wire fence, bears N.80°W. and N.80°E.

75.00 Ridge, bears N.20°E. and S.20°W.; desc. broken W. slope, 45 ft. to

80.06 The cor. of secs. 17-18-19 and 20.

Land, rolling and broken; general exposure and drainage to E. on the E. 56 chs.; to S. on next 19 chs. and to W. on the remainder.

Soil, clay and sandy loams, on clay subsoil; some scattered rock on W. end of mile; sandstone and shale formation.

Subdivision of T. 41 S., R. 8 W.

Chains.	
	Timber, dense to scattering cedar and pinon.
	Undergrowth, medium growth of sagebrush, with some scattered service and brigham-tea brush.
	Good grazing land.
	West on true line bet.secs.18 and 19,
	Over rough, broken land, facing NW.; through medium dense timber and scattering undergrowth.
23.70	E.rim of gulch, 75 ft. below sec.cor., bears NE. and SW.; descend abrupt west slope, 125 ft. to
27.50	Bottom of deep, rocky gulch, course SW.; ascend abrupt E. slope, 135 ft. to
33.50	W. rim of the gulch, bears NE. and S.20° W.; thence across top of bench.
40.00	On bench,
	Set an iron post, 3 ft.long, 1 in.dia., 26 ins.in the ground, for ¼ sec.cor., with brass cap marked
	¼ S18/S19 1921 from which
	A cedar 14 ins.diam., bears N.10½° E. 88 lks. dist., marked ¼ S18 BT A pinon, 8 ins.diam., bears S. 30½° W. 17 lks. dist., marked ¼ S19 BT
45.40	E.rim of Little Meadow Gulch,bears N.and S.; desc.abruptly W.face,over series of sandstone ledges,480 ft.
58.20	Stream, 4 lks.wide, 3 ins.deep, muddy water, in bottom of Little Meadow Gulch,course S.;asc.abruptly E.slope, over broken ledges.
70.00	Top of ascent on steep SW.slope, 385 ft. above stream, bears NW. ½ ch. to edge of bench,bears N. and W.; thence along a steep S. slope to
72.88	On steep rocky S. slope.
	Intersect W.bdy.of Tp., South 6,96 chs. dist. of the cor.of secs.13, 18, 19 and 24, which is an iron post, 3 ins.dia., extending 14 ins.above ground, firmly set marked and witnessed as described by the surveyor general.

Chains.

I destroy all marks on cor.pertaining [illegible] ing it for the cor.of Secs.18 and 19 [illegible] only. At point of intersection I [illegible]

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

T41S | T41 S
R 9W | S18 — CC
S 24 | S19
R8W
1921

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

Land, low rough and broken, and rough mountainous; E. and W. abrupt slopes; drainage S.

Soil, rocky with shallow clay; sandstone formation.

Timber, medium dense cedar and pinon.

Undergrowth, scattering sage, service and brigham-tea brush. Poor grazing land on greater part of the mile.

From the cor.of Secs.17, 18, 19, and 20,

N. 0° 03' W. bet. secs.17 and 18,

Over broken land facing W.; through dense timber and medium growth of undergrowth, across numerous small draws and spurs, putting W.into deep gulch; ascending.

3.75 Wire fence, bears N. 80° W. and S. 80° E.

40.00 On a slight SW. slope, 175 ft. above sec.cor.

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

1/4
S18 | S17
1921 from which

A pinon, 8 ins.diam., bears S.86½°E, 56 lks. dist., marked ¼ S17 BT
A pinon, 6 ins.diam., bears S. 40½° W, 50 lks. dist., marked ¼ S18 BT

77.50 Cross head of large ravine, 25 ft. deep; [illegible]

Ascend steep S. slope, 65 ft. to [illegible]

80.00 On low flat ridge, 140 ft. above ¼ [illegible]

Subdivision of T. 41 S., R. 8 W.

Chains	
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 7-8-18 and 18, with brass cap marked
	T41S | R8W S7 | S8 S18 | S17 1921
	from which
	A cedar, 8 ins.diam.,bears N.43½°E., 66 lks. dist.,marked T41S R8W S8 BT A cedar, 24 ins.diam.,bears S.4°E., 33 lks. dist.,marked T41S R8W S17 BT A pinon, 8 ins.diam.,bears S.46½°W., 75 lks. dist.,marked T41S R8W S18 BT A pinon, 8 ins.diam.,bears N.72½°W., 43 lks. dist.,marked T41S R8W S7 BT
	Land, rough and broken, having a westerly exposure into large ravine, course S.30°W.
	Soil, rocky and clay, 3rd rate; sandstone and shale formation.
	Timber, dense cedar and pinon, on mile.
	Undergrowth, medium growth of sage, service, with scattering oak brush. Poor grazing land.

	N. 89°59' E., on random line, bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect N. and S. line, 2 lks. N. of the cor. secs. 8-9-16 and 17; thence
	West, on true line, bet. secs. 8 and 17.
	Over rolling land, through medium dense timber; along top of bench to.
0.50	Leave top of bench, desc. W. slope into swale.
5.00	Base of slope and E. edge of wide level swale bottom, 40 ft. below cor., bears N.10°W. and S.20°E.; thence through dense sage brush.
6.46	Wash, 25 lks. wide, 15 ft. deep, course SE.
9.10	Wash, 15 lks. wide, 10 ft. deep, course SE.
9.90	Wire fence, bears NE. 1 ch. to end against wash, and SW.
10.00	Leave swale bottom, bears NW. and S.30°E.; gradually ascending over rolling land facing SE., through

Subdivision of T. 41 S., R. 8 W.

Chains	
	medium dense to scattering timber.
27.10	Road, Mt Carmel to Clear Creek and Zion Canyon, bears N.20°W. and S.20°E.
40.02	On gentle E. slope, 70 ft, above last wash.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S8 / S17 1921
	from which
	A cedar, 6 ins.diam.,bears S.34°E., 145 lks. dist.,marked ¼ S17BT
	A cedar, 6 ins.diam.,bears N.83°W., 337 lks. dist.,marked ¼ S8 BT
51.10	Low rolling ridge, 75 ft. above ¼ cor., bears N. and S.; gradually desc. W. slope, 80 ft. to
58.70	Swale, drains SE.; asc. E. slope, 30 ft. to
62.20	Spur, projects SE. 5 chs. to end.;
70.00	Wide swale, drains SE.; gradually asc. E. slope, 120 ft.
80.04	The cor. of secs. 7-8-17 and 18.
	Land, rolling; general exposure and drainage SE.
	Soil, deep, fine clay and sandy loams, on claysubsoil.
	Timber, scattering to medium dense cedar and pinon.
	Undergrowth, medium growth of sage, service and oak brush.
	Good grazing land.

	West, on true line, bet. secs. 7 and 18.
	Over rough, broken land with general S. exposure, through dense timber and scattering undergrowth.
2.70	Desc. broken W. slope, 85 ft. to
6.70	Gulch, near head, course S.; asc. steep E. slope, 150 ft.
19.00	Top of steep ascent from gulch, bears N. and S.; continue over broken general S. slope.
40.00	On a slight S. slope.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S7 / S18 1921

Subdivision of T. 41 S., R. 8 W.

Chains.

from which

A pinon 8 ins.diam., bears S. 71° E. 42 lks. dist., marked ¼ S18 BT
A pinon, 6 ins.diam., bears N.15½° W. 61 lks. dist., marked ¼ S7 BT

41.70 Ridge and E. rim of Little Meadow Gulch, bears NE. and SW.; descend abruptly over steep rough NW. slope 325 ft.

72.58 Intersect W.bdy.of Tp. 6.94 chs.south of the cor.of secs. 7, 12, 13, and 18, which is an iron post, 3 ins.diam., extending 12 ins.above a mound of stone, firmly set, marked and witnessed as described by the surveyor general. I destroy all marks on cor.pertaining to R. 8 W., leaving it for the cor.of secs.12 and 13 T. 41 S. R. 9 W. only. At point of intersection I

Set an iron post, 3 ft.long, 2 ins.dia., 24 ins.in the ground, for closing cor.of Secs.7 and 18, with brass cap marked

	T41S	
T41S	S 7	CC
R 9W	S18	
S 13	R 8W	

1921 from which

A cedar 14 ins.diam., bears N.22¼°E. 61 lks. dist., marked T41S R8W S7 CC BT
A pinon, 8 ins.diam., bears S.26° E. 42 lks. dist., marked T41S R8W S18 CC BT

Cor. stands on an abrupt N. slope, near bottom of Little Meadow Gulch, which drains SW.

Land, rough and broken, and mountainous; general southern exposure and drainage to S. and E. 41.70 chs. and to NW. on remainder.

Soil, rocky and blue clay; 3d rate; sandstone formation.

Timber, dense cedar and pinon on hills.

Undergrowth, medium growth of sage, service and oak brush. Fair grazing land.

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

N. 0° 03' W. bet. secs.7 and 8,

Over rough and broken land facing SE.; through dense timber and scattering undergrowth; gradually ascending.

8.20 Draw, near head, 25 ft.deep, course E.

Subdivision of T. 41 S , R. 8 W.

Chains.

20.80 Draw, near head, course SE.; begin steeper ascent over S. and SE. slopes.

40.00 On an E. slope 310 ft. above sec.cor.

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

$\frac{1}{4}$
S7 | S8
1921

from which

A pinon, 10 ins.diam., bears N. 75° E. 53 lks. dist., marked $\frac{1}{4}$ S8 BT
A cedar, 8 ins.diam., bears S.61½°W. 16 lks. dist., marked $\frac{1}{4}$ S7 BT

43.70 Top of high divide ridge, 30 ft. above $\frac{1}{4}$ cor., bears NE. and SW.; desc. abrupt N. slope 450 ft. to

61.70 Stream 3 lks.wide, 2 ins.deep, muddy water, in bottom of Big Meadow Gulch, course S. 60° W.; gradually asc. broken land facing S.

62.35 Telephone line, bears N. 80° W. and S. 80° E.

70.75 Road, Mt. Carmel to Clear Creek and Zion Canyon, bears E. and W.

80.00 On a gradual S. slope, 200 ft. above stream.

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

T41S R8W
S 6 | S 5
S 7 | S 8
1921

from which

A pinon 8 ins.diam.,bears N.61°E. 47 lks.dist. marked T41S R8W S5 BT
A pinon 10 ins.diam.,bears S.43¾°E. 82 lks.dist. marked T41S R8W S8 BT
A pinon, 6 ins.diam.,bears S.21° W. 105 lks.dist. marked T41S R8W S7 BT
A pinon, 8 ins.diam., bears N.38° W. 15 lks.dist. marked T41 S R8W S6 BT

Land, broken and mountainous; general exposure and drainage to SE. on the S.43.70 chs.; N. and S.slopes into Big Meadow Gulch, which drains nearly W. on remainder.

Soil, heavy blue clay and rocky, 3d rate; sandstone formation.

Timber, dense cedar and pinon.

Subdivision of T. 41 S., R. 8 W.

Chains.	
	Undergrowth, scattered sage, service and oak brush. Fair grazing land.
	East on random line bet. secs.5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec.cor.
79.98	Intersect N. and S. line 5 lks.N.of the cor.of secs. 4,5,8, and 9; thence
	N. 89° 58' W. on true line bet. secs.5 and 8,
	Over rough,broken land facing S.; through dense timber and scattering undergrowth; descend broken W.slope, 150 ft. to
12.70	Gulch, course S.; asc. broken E. and SE. slopes,110 ft.
21.60	Top of ascent on a S. slope, bears N.; desc. 80 ft.
31.20	Rocky draw, course SE.; ascend 80 ft. to
39.99	On a slight E. slope,
	Set an iron post, 3 ft.long, 1 in.dia., 26 ins.in the ground, for $\frac{1}{4}$ sec.cor., with brass cap marked $\frac{1}{4}$ S 5 / S 8 / 1921
	from which
	A cedar, 16 ins.diam., bears N. 7° E. 44 lks. dist., marked $\frac{1}{4}$ S5 BT A pinon, 16 ins.diam., bears S. 69$\frac{1}{4}$° W. 93 lks. dist., marked $\frac{1}{4}$ S8 BT
	Ascend E. slope 50 ft. to
44.80	Ridge, bears NE. and SW.; descend abrupt W. slope 230 ft.
52.20	Stream, 4 lks.wide, 3 ins.deep, in bottom of Big Meadow Gulch, course SW; thence gradually asc. over broken land facing SE., 120 ft. to sec.cor.
61.90	Old road, bears N. and S.
79.98	The cor.of secs.5, 6, 7, and 8.
	Land, rough and broken; general exposure and drainage S. to SE. on E. 44.80 chs., and E. and W. slopes into Big Meadow Gulch, which drains SW. on remainder.
	Soil, heavy clay and rocky, 3d rate; sandstone formation.
	Timber, dense cedar and pinon. Fair grazing land.

Subdivision of T. 41 S., R. 8 W.

Chains	Undergrowth, scattering sage, service and oak brush.
	West, on true line, bet. secs.6 and 7,
	Over rough, broken land, facing S.; through dense timber and scattering undergrowth.
33.70	Top of raise, 110 ft. above sec.cor., bears N. and S.
40.00	On a W. slope,
	Set an iron post, 3 ft.long, 1 in.dia., 26 ins.in the ground, for ¼ sec.cor., with brass cap marked
	¼ S 6 / S 7 / 1921
	from which
	A cedar, 8 ins.diam.bears N. 43½° E. 10 lks. dist., marked ¼ S6 BT A cedar, 6 ins.diam., bears S. 42° W. 24 lks. dist., marked ¼ S7 BT
54.00	Road, bears NE. and SW.
59.70	Gully, 60 ft. deep, course S.
72.52	Intersect W. bdy.of Tp., 6.90 chs.South of the cor.of secs.1,6,7, and 12, which is an iron post, 3 ins.dia., extending 14 ins.above ground, firmly set, marked and witnessed as described by the surveyor general. I destroy all marks on cor. pertaining to R. 8 W., leaving it for the cor.of Secs.1 and 12, T. 41 S., R. 9 W. only. At point of intersection I
	Set an iron post, 3 ft long, 2 ins.dia., 24 ins.in the ground, for closing cor.of secs.6 and 7, with brass cap marked
	T41S R 9W | T41S S 6 CC / S 7 | S12 R8W / 1921
	from which
	A cedar, 10 ins.diam., bears N.59¾°E. 32 lks. dist., marked T41S R8W S6 CC BT A cedar, 14 ins.diam., bears S.72° E. 16 lks. dist., marked T41S R8W S7 CC BT
	Land, rough and broken with general exposure and drainage

Chains	
	S. into Big Meadow Gulch.
	Soil, rocky and clay, 3rd rate; sandstone formation.
	Timber, dense cedar and pinon, on mile.
	Undergrowth, scattering sage, service and oak brush.
	Fair grazing land.

	N. 0°03' W., on true line, bet. secs. 5 and 6.
	Over broken land facing SE., through dense timber and scattering undergrowth; ascending.
30.00	Leave dense, enter scattering timber, bears E. and W.
40.00	On slight S. slope, 200 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked
	S6 ¼ S5 1921
	from which
	A cedar, 6 ins.diam.,bears S.82¾°E., 138 lks. dist.,marked ¼ S5 BT A cedar, 8 ins.diam.,bears N.3¾°W., 170 lks. dist.,marked ¼ S6 BT
42.40	Top of low spur, 30 ft. above ¼ cor.,projects E.; also point from which Hyrum A. Reese's corral bears N.28°E.
43.50	Thence across wide flat swale, drains E., through dense sagebrush.
51.30	Road, bears N.70°E. and S.70°W.
56.00	Leave swale at base of high break or rim, bears E. & W.; asc. steep S. slope, 325 ft. to
67.50	Top of a 30 ft. perpendicular sandstone ledge and top of the break or rim, bears S.80°E. and S.80°W.; also point from which Hyrum Reese's corral bears S.26°E.; continue ascent of 45 ft. through dense timber.
71.00	Top of ascent on mesa, bears E. and W.; thence along top.
78.30	Begin descent over N. slope of 60 ft. to
85.30	Draw, course N.70°E. for 2 chs. thence SE.
86.70	Small draw, near head, course SE.; asc. 10 ft. to
87.17	Intersect the 8th standard parallel south, 15.90 chs. E., of the standard cor. secs. 31 and 32, heretofore described; at point in intersection, I

Subdivision of T. 41 S., R. 8 W.

Chains

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for closing cor. of secs. 5 and 6, with brass cap marked

T40S R8W
S32
S6 | S5
T41S | R8W
CC
1921

from which

A pinon, 8 ins.diam.,bears S.40°E., 23 lks. dist.,marked T41S R8W S5 CC BT
A cedar, 6 ins.diam.,bears S.48½°W., 73 lks. dist.,marked T41S R8W S6 CC BT

Land, broken and mountainous; general SE. exposure and drainage, into Big Meadow Gulch.

Soil, clay and rocky on greater part of the mile, some deep clay loam in swales; sandstone formation.

Timber, dense to scattering cedar and pinon,

Undergrowth, medium dense to scattering sage, service and oak brush. Fair grazing land.

BOUNDARIES OF T. 41 S.,R.8 W.

Latitudes, departures, and closing errors.

Lines designated	True bearing	Distances.	Latitudes N.	Latitudes S.	Departures E.	Departures W.
		Chs	Chs.	Chs.	Chs.	Chs.
E.bdy. of tp.	North	86.60	86.60	.....	.....	.....
" " "	North	80.38	80.38	.....	.....	.....
	North	159.96	159.96	.....	.....	.....
	N.1°53'E	79.39	79.35	.....	2.61	.....
	N.0°08'E	39.89	39.89	.....	.09	.....
	N.1°07'W	40.14	40.13	.....	.....	.78
N.bdy of tp or 8th Sta Par S.	N.88°24'W	16.75	.47	.....	.....	16.74
" "	West	80.00	.....	.....	.....	80.00
	S.89°58'W	41.18	.....	.02	.....	41.18
	S.89°57'W	39.86	.....	.04	.....	39.86
	West	240.00	.....	.....	.....	240.00
	N.89°51'W	40.00	.10	.....	.....	40.00
	N.88°38'W	16.49	.39	.....	.....	16.49
W.bdy.of tp.	South	487.68	.....	487.68	.....	.....
S.bdy.of tp.	East	472.98	.....	.....	472.98	.....
Convergency						.55
Totals			487.27	487.68	475.68	475.60
				487.27	475.60	
Error in lat. and dep.				0.37	0.08	

General Description of T. 41 S., R. 8 W.

This township consists mainly of broken and rolling bench or mesa lands, lying at an elevation of approximately 6000 ft. above sea level. Has a general southern exposure and drainage into the Rio Virgin. The township is broken by several deep gulches and canyons, most of which are rimmed with high, vertical sandstone ledges.

The west portion of the township is drained by Big and Little Meadow Gulches, which join in sec. 7, forming the Little Meadow Gulch, draining nearly south through the west range of secs., by Mineral Gulch which drains the central portion, having a south to southwest course, joining Little Meadow Gulch in sec. 31, by Muddy Creek, which flows southeast through sec. 1, and by the Rio Virgin which flows southwest through the southeast portion of the township.

The township is covered in general with a dense growth of scrub cedar and pinon timber, with some scattering yellow pine in the southern half, except in the central part where the timber is more scattering and contains large sagebrush openings, a scattering undergrowth of sagebrush, service-berry, buck-brush and some oak-brush is found throughout the township.

The soil is principally a heavy clay loam, mixed with some sandy loam, and rocky, being quite shallow and lying on rock and clay subsoil on greater portion. The formation is gray sandstone with a capping of blue limestone.

The township is watered by small streams in Big and Little Meadow gulches, Muddy Creek, and the Rio Virgin, also a small seep in NE ¼ of SE¼ sec. 21. A small seep has been developed in SW¼ of SW¼ sec. 4, and is being used by J.H.Reese for culinary purposes.

A road from Mt. Carmel to Clear Creek and the E. rim of Zion Canyon traverses the township in an easterly and westerly diredtion, entering on the E. bdy. in sec. 24 and leaving on W. bdy. in sec. 7. A road from Mt.

Carmel and Orderville to B.H. Sorensen's and Jos. Jorgenson's ranches, by way of Muddy Creek, traverses the northern portion of tp. There are also numerous wood roads in the tp. A one-wire telephone line extends across the tp., in an easterly and westerly direction, between Long Valley and the Dixie country.

The following settlers are located within the township:

James F. Boyle, has log cabin 12x16ft. situated in SW¼ of SW¼ sec. 35, and has undercultivation approximately 30 acres in secs. 34 and 35, and some fencing.

Alma Kellar, has a 10x12 ft. framed tent, located in NE¼ of SE¼ sec. 21, and approximately 40 acres under cultivation, corral and considerable fencing.

Mark Chamberlin, has a frame house, 12x14 ft., corral, and granary, situated in SW¼ of NE¼ sec. 21, and approximately 50 acres under cultivation in secs. 16 and 21, also considerable fencing.

John Kellar, has a small log cabin, situated in NW¼ of SW¼ sec. 21 (not visible from line) and approximately 20 acres under cultivation, with considerable fencing.

H. Gardner, has a frame cabin, 9x12 ft., small granary, and corrals, situated in SW¼ of SW¼ sec. 15, and about 40 acres under cultivation, and considerable fencing.

Hyrum T. Reese, has a 8x12 granary, old log stable and small corral in NW¼ of SW¼ sec. 15, and approximately 20 acres undercultivation all in sec. 15.

John H. Reese, has house, 16x24 ft. and corrals located in SW¼ of SW¼ sec. 4, and approximately 40 acres under cultivation in secs. 9 and 10.

Joseph Jorgenson, has frame house, 16x18 ft, hay shed, & corrals located in SE¼ of SW¼ sec. 3, and approximately 50 acres under cultivation in secs. 3 and 10.

B.H. Sorensen, has frame house, 18x20 ft., hay shed and stable, 20x70 ft., granary and corrals in NW¼ of NE¼ sec. 4, and approximately 60 acres under cultivation, considerable fencing and ditches, in secs. 3 and 4.

General Description of T. 41 S., R. 8 W.

Hyrum A. Reese, has a corral in SW¼ of NW¼ sec. 5, and about 15 acres under cultivation, is comtemplating building near his corral. Is developing a small seep for culinary purposes. There are also small parcels of land being cultivated in secs. 1, 11, 13, 14, 20 & 24 owners unknown. Most of the land that is being cultivated is "Dry Farmed" there being only a very small quanity irrigated with water diverted from Big Meadow Creek.

No indications of mineral, coal or oil were noticed in the tp.

The average magnetic bearing is 15°45'E.

Andrew Nelson

U.S. Cadastral Engineer.

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CERTIFICATE OF UNITED STATES ~~SURVEYOR~~ Cadastral Engineer

Andrew Nelson, U. S. ~~Surveyor~~ Cadastral Engineer, hereby certify upon honor that, in pursuance [illegible] instructions received from the U. S. Surveyor General for Utah [illegible] date of the 24th day of Sept. 1921 xxx, I have well, faithfully, and truly [illegible] own proper person, and in strict conformity with said instructions, the Manual of Surveying Instruc[illegible], and the laws of the United States, surveyed all those parts or portions of Retracement of portion of 8th Standard Parallel South, through Ranges 7 and 8 West; Resurvey of East and West Boundaries, and survey of South Boundary and Subdivision of T. 41 S., R. 8 W.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented in [illegible] foregoing field notes and date diagram page 1 as having been executed by me, and under my direction on dates as shown on date diagra[illegible] and that all the corners of [illegible] survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc[illegible], and the special written instructions of the U. S. Surveyor General for Utah [illegible] in the specific manner described in the field notes, and that the foregoing are the original field notes of [illegible] survey.

Salt Lake City, Utah
Feb. 11, 1922.

Andrew Nelson
U.S. Cadastral Engineer.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

December 28, 1922

The foregoing field notes of the xxxxxx retracement of portion of 8th Standard Parallel South through Ranges 7 and 8 West, and Resurvey of East and West boundaries, and survey of south boundary and subdivision of Township 41 South, Range 8 West, of the Salt Lake Base an Meridian

[illegible]ecuted by Andrew Nelson, U.S. Cadastral Engineer

[illegible]der ~~his~~ special instructions dated September 24, 1921, xxx, having been [illegible]ritically examined, and the necessary corrections and explanations made, the said field notes, and the surveys [illegible]ey describe, are hereby approved.

E. D. Bowers
U. S. Surveyor General.

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

U. S. Surveyor General.

9—7764

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FIELD ASSISTANTS.

NAMES.	CAPACITY.
FRANK ROMNEY	HEAD- CHAINMAN
LEROY PECK	REAR- CHAINMAN
MACK ROZELLE	FLAGMAN
MELVIN KROTKI	CORNERMAN
STEPHEN JENNINGS	AXMAN.

6—2764

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BOOK A-460 A

FIELD NOTES

OF THE

~~XXXXXXXXXXXXXXXXXXXX~~

U. S. Surveyor General's Office
APR 1 1924
SALT LAKE CITY, UTAH

RETRACEMENT OF THE WEST BOUNDARY OF T. 12 S., R. 24 E.

RESURVEY OF THE WEST BOUNDARY OF T. 12 S., R. 24 E.

SURVEY OF THE NORTH AND WEST BOUNDARIES AND THE SUBDIVISIONS OF

T. 12 S., R. 23 E.

Of the SALT LAKE BASE AND *Meridian,*

In the State of UTAH

EXECUTED BY

RALPH GENTRY U.S. CADASTRAL ENGINEER.

HAROLD S. PAUL U.S. TRANSITMAN.

In the capacity of U. S. Surveyor~~s~~, under instructions dated JUNE 2, 19~~X~~22, *issued by the United States Surveyor General to govern surveys included in Group No.* 127, *which were approved by the Commissioner of the General Land Office,* JUNE 8, 19~~X~~22.

ASSIGNMENT INSTRUCTIONS DATED SEPTEMBER 1, 1922.

Survey commenced OCTOBER 5, 19~~X~~22.

Survey completed OCTOBER 28, 19~~X~~22.

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Examinations Classified

Plat F.B.J. Notes F.M.S. - K.F.B.

F.B.J.

HR.MA Notes K.I.F.

Book A-460

INDEX DIAGRAM.

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	110	108	89	74	60	46	
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DATE DIAGRAM

Date diagram of T. 12 S., R. 23 E.

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10-24-22	10-27-22 / 10-27-22	10-26-22 / 10-26-22	10-28-22 / 10-28-22	10-28-22 / 10-28-22	10-21-22 / 10-21-22	10-17-22 / 10-11-22
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10-23-22	10-24-22 / 10-24-22	10-23-22 / 10-19-22	10-18-22 / 10-16-22	10-17-22 / 10-17-22	10-16-22 / 10-14-22	10-13-22 / 10-10-22
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All lines dated and ruled with black ink were surveyed by Ralph Gentry, U.S. Cadastral Engineer.

All lines dated and ruled with red ink were surveyed by Harlod S. Paul, U.S. Transitman.

T. 12 S., R. 23 E.

Survey commenced Oct. 5, 1922, and executed with Buff and Buff light mountain solar transit No. 8028, used by Ralph Gentry, U.S. Cadastral Engineer, and Young and Sons light mountain solar transit No. 8526, used by Harold S. Paul, U.S. Transitman. The instruments are equipped with Smith solar attachments and full vertical circles. The horizontal limbs are provided with two double verniers, placed opposite to each other, and reading to single minutes of arc; which is also the least count of the latitude and declination arcs and the vertical circles.

The instruments were approved for use on this survey by the assistant supervisor of surveys for District No. 6, conditional upon satisfactory field tests.

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

Oct. 5, 1922: At my station near the ¼ sec. cor. of secs. 3 and 4, T. 13 S., R. 23 E., approximate latitude 39° 42½' N., longitude 109° 22½' W.; at 6h. 42.5m. p.m. l. m.t., using instrument No. 8526, I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, on a peg driven firmly in the ground about 10 chs. to the N. of my station.

Azimuth of Polaris at eastern elongation-----1° 26' 39"

Oct. 8, 1922: At 7h. 45m. a.m. apparent time, I lay off the azimuth of Polaris, 1° 26½', to the west, and mark the meridian thus determined by a tack in a peg driven firmly in the ground about 10 chs. N. of my station.

T. 12 S., R. 23 E.

At 8h. 0m. a.m. apparent time, with Young and Sons light mountain solar transit No. 8526 in the meridian, I set off 39° 42½' N. on the latitude arc; 5° 42½' S. on the declination arc; and determine a meridian with the solar attachment, which I find agrees with the true meridian.

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

Mean observed altitude	44° 30'
Reduced latitude	39° 42½' N.
Mean watch time of observation	12h. 1m. 50s.
Watch fast of local mean time	14m. 5s.

At apparent noon, with the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is 5° 47' S., which agrees with the computed declination of the sun.

At 4h. 0m. p.m. apparent time, with the latitude arc unchanged, I set off 5° 50' S. on the declination arc and determine a meridian with the solar attachment, which I find agrees with the true meridian.

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

Oct. 15, 1922: At the same station, with Buff and Buff light mountain solar transit No. 8028 in the meridian, I set off 39° 42½' N. on the latitude arc; 8° 20½' S. on the declination arc; and at 8h. 0m. a.m. apparent time I determine a meridian with the solar attachment, which I find agrees with the true meridian.

At apparent noon, with the latitude arc unchanged, I

observe the sun on the meridian; the resulting reading of the declination arc is 8° 25½' S., which agrees with the computed declination of the sun.

At 4h. 0m. p.m. apparent time, with the latitude arc unchanged, I set off 8° 28' S. on the declination arc and determine a meridian with the solar attachment, which I find agrees with the true meridian.

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

The instruments were kept in good adjustment during the progress of this survey, frequent tests being made on meridians established by observation on Polaris, and near the completion of the survey of this township I make a final test as follows:

Oct. 22, 1922: At my station near the center of sec. 14, latitude 39° 46' N., longitude 109° 21' W.; at 5h. 30m. a.m. l.m.t., I observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined on a peg driven firmly in the ground about 8 chs. to the north of my station. Transit No. 8028 used in making observation. Azimuth of Polaris at western elongation ---1° 26' 30"

At 7h. 45m. a.m. apparent time, I lay off the azimuth of Polaris, 1° 26½', to the east, and mark the meridian thus determined by a tack in a peg driven firmly in the ground about 8 chs. north of my station.

At 8h. 0m. a.m. apparent time, with both instruments in the meridian, I set off 39° 46' N. on the latitude arcs; 10° 53' S. on the declination arcs; and determine meridians with the solar attachments, which I find to agree with the true meridian.

At apparent noon, with the latitude arcs unchanged, I observe the sun on the meridian; the resulting reading of the declination arcs is 10° 58' S., which agrees with the computed declination of the sun.

At 4h. 0m. p.m. apparent time, with the latitude arcs unchanged, I set off 11° 0' S. on the declination arcs, and determine meridians with the solar attachments, which I find to agree with the true meridian.

As all of the solar observations made during the usual hours of solar work come within 1' of the true meridian I conclude that the instruments have been maintained in satisfactory adjustment throughout the progress of the survey of this township.

Measurements

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

Chains.

Retracement of the West Boundary
of T. 12 S., R. 24 E

From the cor. of Ts. 12 and 13 S., R. 24 E.

From this cor. the cor. of Ts. 12 and 13 S., R. 23 E. bears S. 0° 04' E. 7.53 chs. dist.

North on retracement along the west boundary of sec 31.

39.97 Fall 4 lks. east of the ¼ sec. cor. of secs. 31 and 36. Therefore, the course of this half mile is N. 0° 03' W. and the distance is 39.97 chs.

Continue north on same line with continuous measurement.

79.82 Fall 5 lks. east of the cor. of secs. 25, 30, 31, and 36. Therefore, the course of this half mile is N. 0° 01' W. and the distance is 39.85. chs.

Chains.

From the cor. of secs. 25, 30, 31, and 36.

North on retracement along the west boundary of sec. 30

40.73 Fall 33 lks. east of the ¼ sec. cor. of secs. 25 and 30.

Therefore, the course of this half mile is N. 0° 28' W. and the distance is 40.73 chains.

Continue north on same line with continuous measurement.

80.66 Fall 50 lks. east of the cor. of secs. 19, 24, 25, and 30.

Therefore, the course of this half mile is N. 0° 15' W. and the distance is 39.93 chs.

From the cor. of secs. 19, 24, 25, and 30.

North on retracement along the west boundary of sec. 19.

40.03 Fall 16 lks. east of the ¼ sec. cor. of secs. 19 and 24.

Therefore, the course of this half mile is N. 0° 14' W. and the distance is 40.03 chs.

Continue north on same line with continuous measurement.

80.02 Fall 18 lks. east of the cor. of secs. 13, 18, 19, and 24.

Therefore, the course of this half mile is N. 0° 02' W. and the distance is 39.99 chs.

From the cor. of secs. 13, 18, 19, and 24.

North on retracement along the west boundary of sec. 18.

39.99 Intersect the ¼ sec. cor. of secs. 13 and 18. Therefore, the course of this half mile is north and the distance is 39.99 chs.

Continue north on same line with continuous measurement.

80.04 Fall 6 lks. east of the cor. of secs. 7, 12, 13, and 18.

Therefore, the course of this half mile is N. 0° 05' W. and the distance is 40.05 chs.

From the cor. of secs. 7, 12, 13, and 18.

North on retracement along the west boundary of sec. 7.

40.08 Intersect the ¼ sec. cor. of secs. 7 and 12. Therefore,

Chains	
	the course of this half mile is north and the distance is 40.08 chs.
	Continue north on same line with continuous measurement.
80.01	Fall 7 lks. east of the cor. of secs. 1, 6, 7, and 12. Therefore, the course of this half mile is N. 0° 06' W. and the distance is 39.93 chs.
	From the cor. of secs. 1, 6, 7, and 12.
	North on retracement along the west boundary of sec. 6.
40.11	Fall 6 lks. east of the ¼ sec. cor. of secs. 1 and 6. Therefore, the course of this half mile is N. 0° 05' W. and the distance is 40.11 chs.
	Continue north on same line with continuous measurement.
80.01	Fall 10 lks. east of the cor. of Ts. 11 and 12 S., Rs. 23 and 24 E. Therefore, the course of this half mile is N. 0° 03' W. and the distance is 39.90 chs.

Resurvey of the West Boundary
of T. 12 S., R. 24 E.

	From the cor. of Ts. 12 and 13 S., R. 24 E., which is a sandstone marked and witnessed as described in the notes of the survey of T. 13 S., R. 23 E.
	I resurvey the west boundary of T. 12 S., R. 24 E. setting ¼ sec. and sec. cors. at regular intervals of 40.00 chs. north from the cor. of Ts. 12 and 13 S., R. 23 E. for the east boundary of T. 12 S., R. 23 E. as follows:
	N. 0° 03' W. on resurvey along the west boundary of sec. 31.
	Over low rolling hills through scattering timber and medium undergrowth.
	Desc. slightly over NW. slope.
9.60	Swale, 30 ft. below cor., drains S. 30° W. Asc. gentle SE. slope.
17.50	Spur, 90 ft. above swale, projects S. 20° W. about 15 chs. dist. Desc. NW. slope.

Chains.

32.47 Northing of 40.00 chs. from the cor. of Ts. 12 and 13 S., R. 23 E. on NW. slope 30 ft. below top of spur.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of sec. 36, with brass cap marked

S 36 | ¼
1922

from which

A pinon, 10 ins. diam., bears S. 53° W., 56 lks. dist., marked ¼ S 36 B T .

A pinon, 6 ins. diam., bears N. 30° W., 22 lks. dist., marked ¼ S 36 B T .

35.50 Swale, 10 ft. below ¼ sec. cor., drains SW. Asc. gentle SE. slope.

39.97 Intersect the ¼ sec. cor. of secs. 31 and 36, which is a sandstone, 10 X 8 X 3 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I reverse the stone, facing the ¼ mark to the east, and destroy the bearing tree to the west, making this cor. common to sec. 31 only.

Thence

N. 0° 01' W with continuous measurement.

44.00 Spur, 45 ft. above bottom of swale, projects SW. Desc. gentle NW. slope.

48.70 Head of draw, 40 ft. below top of spur, drains SW. Asc. gentle S. slope.

50.50 Spur, 30 ft. above bottom of draw, projects W. about 5 chs. dist. Desc. NNW. slope.

54.40 Head of draw, 30 ft. below top of small spur, drains S. 80° W. Asc. gentle S. slope.

57.40 Small spur, 20 ft. above bottom of draw, projects S. 80° W. Desc. gentle NNW. slope.

Chains.	
67.00	Head of draw, 30 ft. below top of small spur, drains W. Asc. gentle S. slope.
70.60	Top of divide, 20 ft. above bottom of draw, bears WNW. and ESE. Old road bears WNW. and ESE. Continue over level top of divide.
72.47	Northing of 40.00 chs. from the ¼ sec. cor. of sec. 36, Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 25 and 36, with brass cap marked T 12 S | T 12 S S 25 | R 24 E S 36 | S 31 R 23 E 1922 from which A pinon, 14 ins. diam., bears S. 43¾° W., 4.02 chs. dist., marked T 12 S R 23 E S 36 B T . A cedar, 8 ins. diam., bears N. 10° W., 2.15 chs. dist., marked T 12 S R 23 E S 25 B T .
76.60	Leave level top of divide, bears WNW. and ESE. Desc. gentle NW. slope.
79.82	Intersect the cor. of secs. 25, 30, 31, and 36, which is a sandstone, 10 x 10 x 2 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I destroy the bearing trees to the west, making this cor. common to secs. 30 and 31 only.

Land, low, rolling hills. General drainage and exposure, SW.
Soil, sandy, rocky, on shale base.
Timber, scattering pinon and cedar.
Undergrowth, sagebrush, shadscale and scattering bunch grass. Fair winter grazing.

N. 0° 28' W. on resurvey along the west boundary of sec. 30.

Over low rolling hills through scattering timber and medium undergrowth.

6.10	Head of draw, 30 ft. below cor., drains NE. Asc. gentle

Chains.

SE. slope.

22.70 Low spur, 30 ft. above bottom of draw, projects E. Desc. gentle NE. slope.

28.30 Swale, 20 ft. below top of low spur, drains E. Asc. gentle SE. slope.

32.65 Northing of 40.00 from the cor. of secs. 25 and 36, on gentle SE. slope, 10 ft. above swale.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of sec. 25, with brass cap marked

S 25 ¼
1922

from which

A cedar, 6 ins. diam., bears S. 44° W., 19 lks. dist., marked ¼ S 25 B T.

A pinon, 8 ins. diam., bears N. 30° W., 15 lks. dist., marked ¼ S 25 B T.

40.73 Intersect the ¼ sec. cor. of secs. 25 and 30, which is a sandstone, 12 x 12 x 3 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I destroy the bearing tree to the west and reverse the stone, facing the ¼ mark to the east, making this cor. common to sec. 30 only.

Thence

N. 0° 15' W. with continuous measurement.

41.00 Small spur, 10 ft. above cor. projects NE. Continue along east slope over rolling land.

58.90 Head of draw, 30 ft. below top of small spur, drains NE. Asc. very slightly over SE. slope.

66.50 Small spur, 10 ft. above bottom of draw, projects NE. Desc. gentle NW. slope.

69.10 Head of swale, 20 ft. below top of small spur, drains NE. Asc. very gentle SE. slope.

Resurvey of the West Boundary

of T. 12 S., R. 24 E.

Chains.	
71.50	Leave scattering timber. Enter medium dense growth of small timber, bears NE. and SW.
72.65	Northing of 40.00 chs. from the ¼ sec. cor. of sec. 25, on very gentle SE. slope, 10 ft. above head of swale. Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 24 and 25, with brass cap marked.

T 12 S	T 12 S
S 24	R 24 E
S 25	
R 23 E	S 30

1922

from which

A pinon, 7 ins. diam., bears S. 22½° W., 26 lks. dist., marked T 12 S R 23 E S 25 B T.

A pinon, 8 ins. diam., bears N. 24° W., 1.09 chs. dist., marked T 12 S R 23 E S 24 B T.

77.70	Trail, bears NNE. and SSW.
80.66	Intersect the cor. of secs. 19, 24, 25, and 30, which is a sandstone, 16 x 8 x 4 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I destroy the bearing trees to the west, making this cor. common to secs. 19 and 30 only.

Land, low, rolling hills. General drainage and exposure, NE.
Soil, sandy, rocky, on shale base.
Timber, first 71 chs., scattering pinon and cedar. Remainder of mile, medium dense pinon and cedar.
Undergrowth, sagebrush, shadscale and scattering bunchgrass. Fair winter grazing.

N. 0° 14' W. on resurvey along the west boundary of sec. 19.

Over low, rolling hills through medium dense growth of timber and undergrowth.

1.00	Desc. slightly along top of ridge, bears N. 5° E. and S. 5° W.
3.00	Leave timber, bears NW. and SE. Enter sagebrush land.
5.00	Head of swale, 20 ft. below top of ridge, drains NW. Asc.

Resurvey of the West Boundary

of T. 12 S., R. 24 E.

Chains.	
	SW. slope.
6.00	Leave sagebrush land. Enter medium dense growth of small timber, bears NW. and SE.
7.50	Top of ridge, 10 ft. above head of swale, breaks off into small spurs. Main spur, projects NNW. Desc. slightly over N. slope.
10.00	Leave medium dense growth of small timber. Enter scattering timber and sagebrush land, bears E. and W. Continue along bottom of swale, draining N.
15.00	Leave bottom of swale, bears N. 10° W., 20 ft. below top of ridge. Continue descent along W. slope.
24.70	Road, bears E. and W.
31.99	Northing of 40.00 chs. from the cor. of secs. 24 and 25, on gentle west slope, 45 ft. below top of ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of sec. 24, with brass cap marked
	S 24 ¼ | 1922
	from which
	A pinon, 6 ins. diam., bears S. 10° W., 67 lks. dist., marked ¼ S 24 B T.
	A pinon, 8 ins. diam., bears N. 70½° W., 3.81 chs. dist., marked ¼ S 24 B T.
	Continue descent.
40.03	Intersect the ¼ sec. cor. of secs. 19 and 24, which is a sandstone, 14 x 10 x 3 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I reverse the stone, facing the ¼ mark to the east and destroy the bearing tree to the west, making this cor. common to sec. 19 only.
	Thence
	N. 0° 02' W. with continuous measurement.

Chains	
42.50	Swale, 35 ft. below the ¼ sec. cor. of sec. 24, drains NNE. Asc. gentle SE. slope.
56.70	Low spur, 30 ft. above swale, projects NNE. Desc. gentle WNW. slope.
61.70	Small swale, 20 ft. below top of low spur, drains N. Continue descent along same.
71.70	Same swale, 45 ft. below last mentioned point, drains NE. Asc. gentle SE. slope.
71.99	Northing of 40.00 chs. from the ¼ sec. cor. of sec. 24, on gentle SE. slope, 5 ft. above swale.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 13 and 24, with brass cap marked,

T 12 S S 13	T 12 S R 24 E
S 24 R 23 E	S 19

1922

from which

A pinon, 6 ins. diam., bears S. 71° W., 1.65 chs. dist., marked T 12 S R 23 E S 24 B T .

A cedar, 14 ins. diam., bears N. 75° W., 1.75 chs. dist., marked T 12 S R 23 E S 13 B T .

78.40	Spur, 30 ft. above cor., projects NNE. Desc. WNW. slope.
80.02	Intersect the cor. of secs. 13, 18, 19, and 24, which is a sandstone, 8 x 8 x 2 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I destroy the bearing trees to the west, making this cor. common to secs. 18 and 19 only.

Land, low, rolling hills. General drainage and exposure, NE.
Soil, sandy, rocky, on shale base.
Timber, first 10 chs., medium dense growth of small pinon and cedar. Remainder of mile, scattering pinon, and cedar.
Undergrowth, sagebrush, shadscale, and scattreing bunch grass. Fair winter grazing.

Chains.

North on resurvey along the west boundary of secs. 18 & 24.
Over low, rolling hills through scattering timber and medium undergrowth.
Desc. WNW. slope.

11.50 Swale, 90 ft. below cor., drains NNE. Asc. gentle ESE. slope.

24.90 Spur, 45 ft. above bottom of swale, projects NNE. Small spur projects N. 10° W. Desc. over top of same.

31.97 Northing of 40.00 chs. from the cor. of secs. 13 and 24, on top of small spur, 10 ft. below top of main spur.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of sec. 13, with brass cap marked

S 13 ¼
1922

from which

A cedar, 12 ins. diam., bears S. 25° W., 41 lks. dist., marked ¼ S 13 B T .

A cedar, 6 ins. diam., bears N. 20° W., 44 lks. dist., marked ¼ S 13 B T .

34.70 Leave top of spur, 10 ft. below ¼ sec. cor., bears NNW. Desc. gentle ENE. slope.

39.99 Intersect the ¼ sec. cor. of secs. 13 and 18, which is a sandstone, 10 x 8 x 2 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I reverse the stone, facing the ¼ mark to the east and destroy the bearing tree to the west, making this cor. common to sec. 18 only.

Thence

N. 0° 05' W. with continuous measurement.

40.60 Swale, 5 ft. below cor., drains NNW. Asc. WSW. slope.

51.10 Spur, 20 ft. above bottom of swale, projects NNW. Desc. ENE. slope.

Resurvey of the West Boundary

of T. 12 S., R. 24 E.

Chains.

31.93 Northing of 40.00 chs. from the ¼ sec. cor. of sec. 13, on ENE. slope, 100 ft. below top of spur.

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

T 12 S | T 12 S
S 12 | R 24 E
S 13 | S 18
R 23 E
1922

from which

A pinon, 10 ins. diam., bears S. 83° W., 2.93 chs. dist., marked T 12 S R 23 E S 13 B T .

A pinon, 10 ins. diam., bears N. 42¼° W., 2.14 chs. dist., marked T 12 S R 23 E S 12 B T .

72.00 Slope changes to E. Continue along same.

80.04 Intersect the cor. of secs. 7, 12, 13, and 18, which is a sandstone, 20 x 10 x 4 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I destroy the bearing trees to the west, making this cor. common to secs. 7 and 18 only.

Land, low, rolling hills. General drainage and exposure, N.
Soil, sandy, rocky, on shale base.
Timber, scattering cedar and pinon.
Undergrowth, sagebrush, shadscale, and scattering bunch grass. Fair winter grazing.

North on resurvey along the west boundary of sec. 7.

Over rolling hills through scattering timber and medium undergrowth.

Desc. along E. slope.

19.30 Wash, 35 lks. wide, 5 ft. deep, in bottom of draw, drains NW. Asc. SW. slope. Wash is 85 ft. below cor.

28.08 Spur, 65 ft. above wash in bottom of draw, projects W. Desc. NW. slope over point of same.

31.93 Northing of 40.00 chs. from the cor. of secs. 7 and 18, on NW. slope, 20 ft. below top of spur.

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

Chains.

ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of sec. 12, with brass cap marked

¼
S 12
1922

from which

A cedar, 10 ins. diam., bears S. 77¾° W., 42 lks. dist., marked ¼ S 12 B T .

A pinon, 8 ins. diam., bears N. 8¼° W., 35 lks. dist., marked ¼ S 12 B T .

Continue descent over NW. slope.

39.60 Draw, 60 ft. below cor., drains S. 80° W. Asc. S. slope.

40.08 Intersect the ¼ sec. cor. of secs. 7 and 12, which is a sandstone, 10 x 10 x 3 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. As no suitable bearing trees are available to the east I destroy the mound of stone to the west and raise a mound of stone, 2½ ft. base, 1½ ft. high, to east. I also reverse the stone, facing the ¼ mark to the east, making this cor. common to sec. 7 only.

Thence

N. 0° 06' W. with continuous measurement.

46.30 Spur, 95 ft. above cor., projects W. Desc. N. slope.

52.00 Swale, 60 ft. below top of spur, drains SW. Asc. S. slope.

62.40 Spur, 50 ft. above bottom of swale, projects W. Desc. slightly along W. slope of break.

71.93 Northing of 40.00 chs. from the ¼ sec. cor. of sec. 12, on W. slope, 10 ft. below top of spur.

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

T 12 S | T 12 S .
S 1 | R 24 E
S 12 | S 7
R 23 E
1922

Chains.	
	from which
	A cedar, 9 ins. diam., bears S. 72° W., 1.18 chs. dist., marked T 12 S R 23 E S 12 B T .
	A pinon, 6 ins. diam., bears N. 57° W., 45 lks. dist., marked T 12 S R 23 E S 1 B T .
76.90	Short spur, 5 ft. below cor., projects NW. Desc. N. slope over point of same.
80.01	Intersect the cor. of secs. 1, 6, 7, and 12, which is a sandstone, 10 x 8 x 4 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I destroy the bearing tree to the west, making this cor. common to secs. 6 and 7 only.
	Land, rolling hills. General drainage and exposure, W. Soil, sandy, rocky, on shale base. Timber, scattering cedar and pinon. Undergrowth, sagebrush, shadscale, and scattering bunch grass. Fair winter grazing.
	N. 0° 05' W. on resurvey along the west boundary of sec. 6.
	Over rolling hills through scattering timber and medium undergrowth.
	Desc. N. slope.
9.10.	Road, bears ENE. to Watson and WSW. to Bitter Creek.
10.30	Draw, 110 ft. below cor., drains WSW. Asc. S. slope over point of spur.
25.90	Short spur, 110 ft. above bottom of draw, projects SW. Desc. gentle NW. slope.
30.90	Swale, 40 ft. below top of short spur, drains WSW. Asc. gentle SSW. slope.
31.92	Northing of 40.00 chs. from the cor. of secs. 1 and 12, on gentle SSW. slope, 10 ft. above bottom of swale.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of sec. 1, with brass cap marked

$\frac{1}{4}$
S 1
1922

Chains.

Deposit a sandstone memorial, 8 x 6 x 6 ins., marked with cross (X) at base of post. No suitable bearing trees available.

40.11 Intersect the ¼ sec. cor. of secs. 1 and 6, which is a sandstone, 16 x 10 x 3 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I reverse the stone, facing the ¼ mark to the east and destroy the bearing tree to the west, making this cor. common to sec. 6 only.

Thence

N. 0° 03' W. with continuous measurement.

40.20 Spur, 10 ft. above cor., projects W. Desc. slightly along W. slope.

58.70 Small spur, 20 ft. below top of main spur, projects NNW. Desc. along ENE. slope.

71.92 Northing of 40.00 chs. from the ¼ sec. cor. of sec. 1, 90 ft. below top of small spur, on ENE. slope.

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of Ts. 11 and 12 S., R. 23 E., with brass cap marked

T 11 S R 23 E S 36	T 12 S R 24 E
S 1 T 12 S 1922	S 6

Deposit a sandstone memorial, 10 x 8 x 6 ins., at base of post. Memorial marked with cross (X). No suitable bearing trees available.

76.90 Draw, 20 ft. below cor., drains NNW. about 1 ch., thence W. Asc. slightly.

79.80 Point of small spur, 5 ft. above draw, projects W.

80.01 Intersect the cor. of Ts. 11 and 12 S., Rs. 23 and 24 E., which is a sandstone, 20 x 14 x 10 ins. above ground, firmly set, marked and witnessed as described by the

Chains.

surveyor general. I destroy the mound of stone to the south and raise a mound of stone, 2½ ft. base, 1½ ft. high, east of the cor., making this cor. common to Ts. 11 and 12 S., R. 24 E. only. No bearing trees are available.

Land, rolling hills. General drainage and exposure, W.
Soil, sandy, rocky, on shale base.
Timber, scattering pinon and cedar.
Undergrowth, shadscale, sagebrush and scattering bunch grass. Fair winter grazing.

Survey of the North Boundary
of T. 12 S., R. 23 E.

From the cor. of Ts. 11 and 12 S., R. 23 E. hereinbefore described.

West on random line, along the N. boundary of T. 12 S., R. 23 E., setting temp. ¼ sec. and sec. cors. at intervals of 40.00 chs. and at 476.03 chs. intersect the range line bet. Rs. 22 and 23 E., 42 lks. S. of the cor. of Ts. 11 and 12 S., Rs. 22 and 23 E., hereinafter described. The falling answers to a correction of 0° 03', or 7 lks. N. per mile, counting from the NE. cor. of the township. Therefore, I return to the cor. of Ts. 11 and 12 S., R. 23 E. and proceed as follows:

N. 89° 57' W. on a true line along the N. boundary bet. secs. 1 and 36.

Over rolling, slightly broken hills through thinly scattering timber and medium undergrowth.

Asc. slight ENE. slope.

2.80 Short spur, 30 ft. above cor., projects N. Desc. W. slope.

4.50 Small ravine, 10 ft. below top of short spur, drains NNE.

9.80 Spur, 40 ft. above ravine, projects NNE. Desc. WNW. slope.

15.80 Ravine, 90 ft. below top of spur, drains N. 85° W. Continue descent along general N. slope.

32.60 Draw, 120 ft. below ravine, drains NNW. Asc. slightly along N. slope over point of spur.

Chains.

40.00 On N. slope, 20 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 1 and 36, with brass cap marked

S 36
¼
S 1
1922

from which

A juniper, 8 ins. diam., bears S. 41° E., 1.45 chs. dist., marked ¼ S 1 B T.

A juniper, 12 ins. diam., bears N. 79° W., 64 lks. dist., marked ¼ S 36 B T.

47.80 Draw, 40 ft. below ¼ sec. cor., drains SW. Asc. slight SE. slope.

57.30 Point of low spur, 15 ft. above draw, projects S. Desc. SW. slope.

61.30 West Fork of Asphalt Wash, 20 lks. wide, 10 ft. deep, 20 ft. below point of low spur, drains NNW. Asc. slightly over bottom land. Leave scattering timber, bears N. and S.

80.00 In mouth of small draw, near edge of wash, 30 ft. above West Fork of Asphalt Wash, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 1, 2, 35, and 36, with brass cap marked

T 11 S | R 23 E
S 35 | S 36
S 2 | S 1
T 12 S
1922

Raise a mound of stone, 2½ ft. base, 1½ ft. high, to W. of cor.

Land, rolling, slightly broken hills.
Soil, sandy, rocky, on shale and sandstone base.
Timber, thinly scattering juniper along first 61 chs. Remainder of mile, none.
Undergrowth, shadscale and scattering sagebrush. Fair winter grazing.

N. 89° 57' W. on true line, along the N. boundary betw. secs. 2 and 35.

Survey of the North Boundary

of T. 12 S., R. 23 E.

Chains	
	Over rolling hills through very thinly scattering timber and medium undergrowth.
.20	Shallow wash in mouth of draw, drains ESE. Asc. E. slope.
9.70	Low spur, 40 ft. above shallow wash, projects N. 10° E. about 3 chs. Desc. slightly over NW. slope.
12.90	Small draw, 20 ft. below top of small spur, drains NE. Asc. slightly over gentle E. slope.
37.20	Wash, 2½ ft. deep, 15 lks. wide, 90 ft. above last point, drains SE. Continue ascent over gentle E. slope.
40.00	On gentle E. slope, 20 ft. above wash, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 2 and 35, with brass cap marked ¼ S 35 / S 2 1922 from which
	A cedar, 8 ins. diam., bears N. 19° E., 2.43 chs. dist., marked ¼ S 35 B T . .
	A cedar, 8 ins. diam., bears S. 24° W., 1.17 chs. dist., marked ¼ S 2 B T . .
48.20	Base of abrupt ascent, bears N. and S. Asc. over broken E. slope. Enter medium dense growth of small timber, bears N. and S.
62.40	Leave medium dense growth of small timber. Enter scattering timber, bears N. and S.
66.80	Saddle in ridge, 270 ft. above base of abrupt ascent, bears NNE. and SSW. Desc. slightly over WNW. slope.
68.80	Head of draw, 20 ft. below saddle, drains N. Asc. over NE. slope.
76.80	Spur, 105 ft. above head of draw, projects NW. Desc. over SW. slope. Sandstone ledge, 20 ft. high, faces SW.
80.00	On SW. slope, 80 ft. below top of spur, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 2, 3, 34, and 35, with brass cap

Survey of the North Boundary

of T. 12 S., R. 23 E.

Chains.

marked

T 11 S	R 23 E
S 34	S 35
S 3	S 2

T 12 S
1922

from which

A pinon, 12 ins. diam., bears N. 55° E., 1.24 chs. dist., marked T 11 S R 23 E S 35 B T.

A pinon, 18 ins. diam., bears S. 57½° E., 1.72 chs. dist., marked T 12 S R 23 E S 2 B T.

A cedar, 18 ins. diam., bears N. 19¾° W., 1.94 chs. dist., marked T 11 S R 23 E S 34 B T.

A pinon, 8 ins. diam., bears S. 55¾° W., 2.23 chs. dist., marked T 12 S R 23 E S 3 B T.

Land, rolling hills along first 48 chs. Remainder of mile, broken mountainous land.
Soil, sandy, rocky, on shale and sandstone base.
Timber, very thinly scattering juniper and cedar along first 48 chs., thence through medium dense growth of pinon, juniper, and cedar to 62.40 ch. point. Remainder of mile, scattering pinon and cedar.
Undergrowth, shadscale and scattering sagebrush. Fair winter grazing.

N. 89° 57' W., on a true line, along the N. boundary bet. secs. 3 and 34.

Over broken mountainous land through scattering timber and medium undergrowth.

Desc. SW. slope.

2.00 Small draw, 20 ft. below cor., drains NNW. Asc. ENE. slope.

4.00 Point of small spur, 50 ft. above draw, projects NNW. Desc. W. slope over point of same.

6.50 Draw, 50 ft. below point of spur, drains N. Asc. E. slope.

11.40 Sandstone ledge, 20 ft. high, faces E. Continue ascent.

15.20 Spur, 170 ft. above draw, projects NNE. Desc. WNW. slope.

17.10 Head of draw, 40 ft. below top of spur, drains NNE. Asc. over E. slope.

20.90 Ridge, 90 ft. above head of draw, bears NNW. and SSE. Desc. over broken W. slope.

Survey of the North Boundary

of T. 12 S., R. 23 E.

Chains.	
35.00	Draw, 130 ft. below top of ridge, drains SW. Asc. SE. slope.
36.00	Road, bears NNE. and SSW.
40.00	On SE. slope, 50 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 3 and 34, with brass cap marked ¼ S 34 / S 3 1922 from which A pinon, 6 ins. diam., bears S. 48° E., 1.29 chs. dist., marked ¼ S 3 B T . A pinon, 8 ins. diam., bears N. 55½° W., 83 lks. dist., marked ¼ S 34 B T .
43.40	Slope changes from SE. to N. Continue along N. side of round knoll.
45.26	Spur, 60 ft. above ¼ sec. cor., projects NNW. Desc. WSW. slope.
55.20	Draw, 60 ft. below top of spur, drains NNW. Asc. ENE. slope.
59.30	Spur, 60 ft. above draw, projects NW. Desc. SW. slope.
64.10	Head of draw, 100 ft. below top of spur, drains WNW. Continue along broken NNE. slope.
77.30	Point of spur, 40 ft, above head of draw, projects NW. about 5 chs. dist. Desc. W. slope over point of same.
80.00	On W. slope, 90 ft. below point of spur, set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 3, 4, 33, and 34, with brass cap marked T 11 S | R 23 E S 33 | S 34 S 4 | S 3 T 12 S 1922 from which

Survey of the North Boundary

of T. 12 S., R. 23 E.

Chains.

A cedar, 8 ins. diam., bears N. 55¾° E., 65 lks. dist., marked T 11 S R 23 E S 34 B T.

A pinon, 8 ins. diam., bears S. 42¼° E., 2.05 chs. dist., marked T 12 S R 23 E S 3 B T.

A cedar, 4 ins. diam., bears S. 22° W., 1.18 chs. dist., marked T 12 S R 23 E S 4 B T.

A cedar, 8 ins. diam., bears N. 50½° W., 3.01 chs. dist., marked T 11 S R 23 E S 33 B T.

Land, broken mountainous.
Soil, sandy, rocky, on shale and sandstone base.
Timber, scattering pinon and cedar.
Undergrowth, shadscale, sagebrush, scattering bunch grass, buckbrush and greasewood. Fair winter grazing.

N.89° 57' W., on a true line, along the N. boundary bet. secs. 4 and 33.

Over broken mountainous land through scattering timber and medium undergrowth.

Desc. W. slope.

3.10 Draw, 60 ft. below sec. cor., drains NW. Asc. NE. slope.

5.00 Road, bears NW. and SE.

10.20 Leave scattering timber, Enter medium dense growth of small timber, bears NW. and SE.

20.20 Point of spur, 140 ft. above draw, projects NW. Desc. WNW. slope over point of same.

24.70 Leave medium dense growth of small timber. Enter scattering timber, bears N. and S.

37.00 Bend in road, bears WE. and NW. Small swale, 140 ft. below point of spur, drains NW. Asc. very slightly over gentle NE. slope.

40.00 On gentle NE. slope, 10 ft. above small swale, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 4 and 33, with brass cap marked

¼ S 33 / S 4
1922

Survey of the North Boundary

of T. 12 S., R. 23 E.

Chains	
	from which
	A cedar, 6 ins. diam., bears S. 56¼° W., 1.48 chs. dist., marked ¼ S 4 B T .
	A cedar, 8 ins. diam., bears N. 80¾° W., 1.48 chs. dist., marked ¼ S 33 B T .
57.00	Leave scattering timber. Enter medium dense growth of small timber, bears NNE. and SSW.
67.00	Point of spur, 70 ft. above ¼ sec. cor., projects NNW. Desc. WNW. slope over point of same.
75.20	Leave medium dense growth of small timber. Enter scattering small timber, bears N. and S.
80.00	On WNW. slope, 160 ft. below point of spur, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 4, 5, 32, and 33, with brass cap marked

T 11S R 23 E
S 32 | S 33
S 5 | S 4
T 12 S
1922

Raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor. No suitable bearing trees available.

Land, broken mountainous.
Soil, sandy, rocky, on shale and sandstone base.
Timber, scattering and medium dense cedar and pinon.
Undergrowth, shadscale, scattering sagebrush and bunch grass. Fair grazing.

N.89° 57'W., on a true line, along the N. boundary bet. secs. 5. and 32.

Over rolling mountainous land through scattering timber and medium undergrowth.

Desc. WNW. slope.

3.10	Small swale, 10 ft. below sec. cor., drains N. Asc. over gentle NNE. slope.
18.30	Low spur, 60 ft. above small swale, projects N. Desc. gentle W. slope.
25.20	Swale, 70 ft. below top of small spur, drains NNW. Asc.

Chains.

NE. slope.

23.20 Leave scattering timber. Enter medium dense growth of small timber, bears N. and S.

32.60 Low spur, 20 ft. above swale, projects N. Desc. gentle W. slope.

35.50 Swale, 30 ft. below top of low spur, drains N. Asc. gentle NE. slope.

40.00 On gentle NE. slope, 10 ft. above swale, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 5 and 32, with brass cap marked

$$\frac{\frac{1}{4}\ \text{S 32}}{\text{S 5}}$$
1922

from which

A pinon, 6 ins. diam., bears S. 13¼° E., 34 lks. dist., marked ¼ S 5 B T.

A pinon, 6 ins. diam., bears N. 25¼° W., 74 lks. dist., marked ¼ S 32 B T.

43.00 Low spur, 20 ft. above ¼ sec. cor., projects NW. Desc. W. slope over point of same.

64.00 Leave medium dense growth of small timber. Enter scattering timber, bears N. and S.

68.00 Draw, 120 ft. below top of low spur, drains N. 10° W. Asc. ENE. slope.

71.10 Low spur, 20 ft. above draw, projects N. Desc. W. slope.

73.30 Draw, 40 ft. below top of low spur, drains N. Asc. E. slope.

80.00 On E. slope, 60 ft. above draw, set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 5, 6, 31, and 32, with brass cap marked

T 11 S R 23 E

S 31	S 32
S 6	S 5

T 12 S
1922

Chains.

from which

A cedar, 8 ins. diam., bears N. 33° E., 41 lks. dist., marked T 11 S R 23 E S 32 B T .

A cedar, 4 ins. diam., bears S. 1½° E., 39 lks. dist., marked T 12 S R 23 E S 5 B T .

A pinon, 4 ins. diam., bears S. 35° W., 52 lks. dist., marked T 12 S R 23 E S 6 B T .

A cedar, 8 ins. diam., bears N. 77° W., 62 lks. dist., marked T 11S R 23 E S 31 B T .

Land, rolling mountainous.
Soil, sandy, rocky, on shale and sandstone base.
Timber, scattering and medium dense growth of cedar, juniper, and pinon.
Undergrowth, shadscale, scattering sagebrush, and bunch grass. Fair grazing.

N. 89° 57' W., on a true line, along the N. boundary bet. secs. 6 and 31.

Over rolling mountainous land through scattering timber and medium undergrowth.

Asc. E. slope.

15.26 Point of spur, 40 ft. above sec. cor., projects NW. Desc. over SW. slope.

40.00 On SW. slope, 60 ft. below point of spur, set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 6 and 31, with brass cap marked

¼ S 31 / S 6
1922

from which

A cedar, 10 ins. diam., bears S. 84½° E., 60 lks. dist., marked ¼ S 6 B T .

A cedar, 8 ins. diam., bears N. 7½° W., 64 lks. dist., marked ¼ S 31 B T .

Survey of the West Boundary

of T. 12 S., R. 23 E.

Chains.

47.40 Draw, 30 ft. below ¼ sec. cor., drains NW. Asc. gentle NE. slope.

66.80 Spur, 30 ft. above draw, projects NNW. Desc. W. slope over point of same.

75.08 Draw, 80 ft. below top of spur, drains NNW. Asc. NE. slope.

76.03 Intersect the cor. of Ts. 11 and 12 S., Rs. 22 and 23 E., hereinafter described.

Land, rolling mountainous.
Soil, sandy, rocky, on shale and sandstone base.
Timber, scattering cedar and pinon.
Undergrowth, shadscale, scattering sagebrush and bunch grass. Fair grazing.

Survey of the West Boundary

of T. 12 S., R. 23 E.

From the cor. of Ts. 12 and 13 S., Rs. 22 and 23 E., which is an iron post, firmly set, marked and witnessed as described in the notes of the survey of T. 13 S., R. 22 E.

North bet. secs. 31 and 36.

Over rolling mountainous land through scattering timber and medium undergrowth.

20.00 Break of flat spur, bears NE. and SW. Desc. NW. slope.

31.50 Small ravine, 50 ft. below break of flat spur, drains NE. Asc. SE. slope.

40.00 On SE. slope, 30 ft. above small ravine, set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 31 and 36, with brass cap marked

S 36 | ¼ S 31
1922

from which

A juniper, 8 ins. diam., bears S. 35½° E., 30 lks. dist., marked ¼ S 31 B T .

A pinon, 14 ins. diam., bears N. 43° W., 44 lks.

Chains.	
	dist., marked ¼ S 36 B T .
45.00	Small spur, 10 ft. above ¼ sec. cor., projects NE. Desc. NW. slope.
49.90	Old road bears E. and W.
68.60	Draw, 100 ft. below top of small spur, drains NE. Asc. very slightly over SE. slope.
80.00	On top of small spur, projecting E., 30 ft. above draw, set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 25, 30, 31, and 36, with brass cap marked

T 12 S
R 22 E | R 23 E
S 25 | S 30
S 36 | S 31
1922

from which

A juniper, 6 ins. diam., bears N. 89½° E., 37.1lks. dist., marked T 12 S R 23 E S 30 B T .

A juniper, 6 ins. diam., bears S. 46½° E., 1.19 chs. dist., marked T 12 S R 23 E S 31 B T .

A juniper, 4 ins. diam., bears N. 73½° W., 40 lks. dist., marked T 12 S R 22 E S 25 B T .

A juniper, 8 ins. diam., bears S. 5° W., 2.75 chs. dist., marked T 12 S R 22 E S 36 B T .

Land, rolling mountainous.
Soil, sandy, rocky, clay loam, on shale base.
Timber, scattering juniper, pinon, and cedar.
Undergrowth, shadscale, scattering sagebrush, and bunch grass. Fair grazing.

North bet. secs. 25 and 30.

Over rolling mountainous land through thinly scattering timber and medium undergrowth.

Desc. N. slope over point of spur, projecting N.

20.00	Spur bears to NE. Desc. along W. side of same.

Chains.

40.00 On W. slope. 130 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 25 and 30, with brass cap marked

¼
S 25 | S 30
1922

from which:

A pinon, 5 ins. diam., bears N. 28° W., 2.99 chs. dist., marked ¼ S 25 B T .

Raise a mound of stone, 2½ ft. base, 1½ ft. high, to W. No other bearing tree available.

64.10 Wash, 15 lks. wide, 2 ft. deep, 90 ft. below ¼ sec. cor. drains W. Comtinue slight descent.

72.60 Wash, 10 lks. wide, 2 ft. deep, 30 ft. below last point, drains NW. Continue over level land.

77.50 Wash, 10 lks. wide, 2 ft. deep, drains NE. Asc. slightly over SE. slope.

80.00 On SE. slope, near top of low spur, 30 ft. above wash, set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, to bedrock, supported by a small mound of stone, for the cor. of secs. 19, 24, 25, and 30, with brass cap marked

T 12 S
R 22 E | R 23 E
S 24 | S 19
S 25 | S 30
1922

Raise a mound of stone, 2½ ft. base, 1½ ft. high, to W. No suitable bearing trees available.

Land, rolling mountainous.
Soil, sandy, rocky, clay loam, on shale base.
Timber, thinly scattering pinon and juniper.
Undergrowth, shadscale and scattering sagebrush. Fair grazing.

North bet. secs. 19 and 24.

Over rolling mountainous land through medium undergrowth.

.20 Low spur, projects NE. Desc. slight NW. slope.

Survey of the West Boundary

of T. 12 S., R. 23 E.

Chains	
2.60	Small draw, 30 ft. below top of low spur, drains ENE. Asc. SE. slope over sandstone outcroppings.
15.00	Break of flat spur, bears NE. and SW. Continue over level top of same, which projects NE. Top of spur is 40 ft. above small draw.
25.10	Break of flat spur, bears NE. and SW. Desc. NW. slope.
30.30	Draw, 80 ft. below break of flat spur, drains NE. Asc. SE. slope over point of spur.
40.00	On point of small spur, 80 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 19 and 24, with brass cap marked ¼ S 24 | S 19 1922 Deposit a sandstone memorial, 8 x 6 x 6 ins., marked with cross (X), at base of post.
56.40	Rocky draw, 120 ft. below ¼ sec. cor., drains NW. Asc. W. slope along point of spur over sandstone outcroppings.
61.00	Top of ascent, 110 ft. above rocky draw. Point of spur projects N. Desc. along top of same.
78.50	Same rocky draw, 120 ft. below top of ascent, drains NNE. Asc. rocky SE. slope.
79.45	On rocky SE. slope, 20 ft. above rocky draw, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the witness cor. to the cor. of secs. 13, 18, 19, and 24, with brass cap marked W C T 12 S R 22 E | R 23 E S 13 | S 18 S 24 | S 19 1922 Raise a mound of stone, 2½ ft. base, 1½ ft. high, to W. of cor.
80.00	True point for the cor. of secs. 13, 18, 19, and 24 falls

Chains.

on shale ledge. Impracticable to set monument at this point.

Land, rolling mountainous.
Soil, rocky, sandy, on shale and sandstone base.
Timber, none.
Undergrowth, shadscale and scattering sagebrush. Fair grazing.

North bet. secs. 13 and 18.

Over rolling mountainous land through medium undergrowth. Asc. rocky SE. slope.

2.90 Small spur, 80 ft. above true point for sec. cor., projects SE. Desc. slightly along W. side of canyon.

18.60 Small spur, 10 ft. below top of last spur, projects NE. Desc. NW. slope.

22.60 Ravine, 130 ft. below top of small spur, drains NE. Asc. slightly over point of small spur.

25.50 Point of small spur, 50 ft. above ravine, projects NE. Desc. NW. slope.

30.20 Draw, 70 ft. below point of small spur, drains NE. Asc. SE. slope over point of spur.

33.00 Point of spur, 50 ft. above draw, projects E. Desc. NE. slope over point of same.

35.90 Draw, 30 ft. below point of spur, drains E. Asc. SSE. slope over shale outcroppings.

40.00 On SSE. slope, 50 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 13 and 18, with brass cap marked

¼
S 13 | S 18
1922

Deposit a sandstone memorial, 10 x 8 x 2 ins., marked with cross (X) at base of post.

40.00 Spur, 70 ft. above ¼ sec. cor., projects NE. Desc. NW. slope.

Survey of the West Boundary

of T. 12 S., R. 23 E.

Chains.	
60.60	Draw, 70 ft. below top of spur, drains NE. Asc. SE. slope over sandstone and shale ledges.
71.50	Spur, 90 ft. above draw, projects NE. Desc. NW. slope.
79.80	Draw, 180 ft. below top of spur, drains NE. Asc. SE. slope.
79.90	On SE. slope, 10 ft. above draw, set an iron post, 3 ft. long, 2 ins. diam., over cross (X) marked on exposed bedrock, supported by a large mound of stone, for the witness cor. to the cor. of secs. 7, 12, 13, and 18, with brass cap marked

W C
T 12 S
R 22 E | R 23 E
S 12 | S 7
S 13 | S 18
1922

from which

A sandstone boulder, 10 x 10 x 8 ft., bears W., 22 lks. dist., marked X B O .

80.00	True point for the cor. of secs. 7, 12, 13, and 18 falls on shale ledge. Impracticable to set monument at this point.

Land, rolling mountainous.
Soil, rocky, sandy, on shale and sandstone base.
Timber, none.
Undergrowth, shadscale and scattering sagebrush. Fair grazing.

North bet. secs. 7 and 12.

Over broken mountainous land through medium undergrowth.

4.80	Rocky spur, 140 ft. above true point for sec. cor., projects NE. Desc. N. slope over point of same.
15.50	Shallow wash in bottom of small canyon, 240 ft. below top of rocky spur, drains NE. Asc. ESE. slope over shale outcroppings.
20.00	Point of rocky spur, 70 ft. above bottom of small canyon, projects NE. Desc. N. slope over point of same.
25.20	Bitter Creek, clear stream, 10 lks. wide, 1 ft. deep, in

Chains	
	wash, 30 lks. wide, 10 ft. deep, flows NW. The water in this stream is very strongly alkaline. Continue over level bottom land through dense growth of greasewood.
32.50	Leave dense growth of greasewood, bears NW. and SE. Base of ascent, bears NW. and SE. Asc. SW. slope.
34.50	Small spur, 60 ft. above base of ascent, projects NW. Desc. N. slope over point of same.
39.60	At base of N. slope, 40 ft. below top of small spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the witness cor. to the ¼ sec. cor. of secs. 7 and 12, with brass cap marked W C ¼ S 12 | S 7 1922 Raise a mound of stone, 2½ ft. base, 1½ ft. high, to W. of cor.
40.00	True point for the ¼ sec. cor. of secs. 7 and 12 falls in rocky watercourse, which drains W. Impracticable to set monument at this point. Asc. SSW. slope.
57.90	Spur, 130 ft. above true point for the ¼ sec. cor., projects WNW. Desc. N. slope over point of same.
62.90	Draw, 90 ft. below top of spur, drains WSW. Asc. SW. slope over point of short spur.
72.90	Point of spur, 50 ft. above draw, projects W. Desc. NW. slope.
76.00	Draw, 130 ft. below point of spur, drains SSW. Asc. S. slope over point of spur.
79.80	On S. slope, 80 ft. above draw, set an iron post, 3 ft. long, 2 ins. diam., over cross (X) marked on exposed bedrock, supported by a large mound of stone, for the witness cor. to the cor. of secs. 1, 6, 7, and 12, with brass cap marked

Survey of the West Boundary

of T. 12 S., R. 23 E.

Chains.	
	W C T 12 S R 22 E | R 23 E S 1 | S 6 S. 12 | S 7 1922
	Deposit a sandstone memorial, 16 x 8 x 6 ins., marked with cross (X) at base of post.
80.00	True point for the cor. of secs. 1, 6, 7, and 12 falls on sloping sandstone ledge. True point marked with cross (X). Impracticable to set monument at this point.
	Land, broken mountainous. Soil, rocky, sandy, on shale and sandstone base. Timber, none. Undergrowth, Shadscale, greasewood, and scattering sagebrush. Fair grazing.
	North bet. secs. 1 and 6.
	Over rolling, broken mountainous land through medium undergrowth.
	Asc. S. slope.
4.50	Rocky spur, 90 ft. above true point for the cor. of secs. 1, 6, 7, and 12, projects W. Desc. N. slope.
13.60	Shallow wash in bottom of small canyon, 170 ft. below top of rocky spur, drains W. about 8 chs. into Bitter Creek. Asc. S. slope over sandstone ledges and outcroppings.
36.00	Spur, 250 ft. above bottom of small canyon, projects W. Desc. N. slope. Enter scattering timber, bears E. and W.
39.50	Small draw, 20 ft. below top of spur, drains W. Asc. SE. slope.
40.00	On SE. slope, 10 ft. above small draw, set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 1 and 6, with brass cap marked

¼

S 1 | S 6

1922

Chains.

from which

A juniper, 5 ins. diam., bears S. 83° E., 68 lks. dist., marked ¼ S 6 B T .

A juniper, 8 ins. diam., bears S. 28½° W., 89 lks. dist., marked ¼ S 1 B T .

42.50 Small spur, 30 ft. above ¼ sec. cor., projects SW. Desc. NW. slope.

52.50 Small draw, 70 ft. below top of small spur, drains SW. Asc. general SW. slope.

68.20 Ridge, 190 ft. above small draw, bears NW. and SE. Desc. NE. slope.

80.00 On NE. slope, 80 ft. below top of ridge; set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for the cor. of Ts. 11 and 12 S., Rs. 22 and 23 E., with brass cap marked

T 11 S	
R 22 E	R 23 E
S 36	S 31
S 1	S 6
T 12 S	
1922	

from which

A cedar, 10 ins. diam., bears N. 50° E., 1.39 chs. dist., marked T 11 S R 23 E S 31 B T .

A cedar, 6 ins. diam., bears S. 4½° E., 65 lks. dist., marked T 12 S R 23 E S 6 B T .

A cedar, 10 ins. diam., bears S. 17½° W., 1.08 chs. dist., marked T 12 S R 22 E S 1 B T .

A cedar, 5 ins. diam., bears N. 30½° W., 38 lks. dist. , marked T 11 S R 22 E S 36 B T .

Land, rolling, broken mountainous.
Soil, rocky, sandy, on shale and sandstone base.
Timber, none along first 36 chs. Remainder of mile, scattering pinon, juniper, and cedar.
Undergrowth, shadscale, scattering sagebrush and bunch grass. Fair grazing.

Chains	
	From the cor. of secs. 1, 2, 35, and 36, on the south boundary of the township, which is an iron post, firmly set, marked and witnessed as described in the notes of the survey of T. 13 S., R. 23 E.
	N. 0° 07' W., parallel to the E. boundary of the township, the average bearing of which is N. 0° 06' W.; bet. secs. 35 and 36.
	Over rolling land through scattering timber and undergrowth. Desc. NW. slope.
11.00	Draw, 30 ft. below sec. cor., drains SSW. Asc. SE. slope.
40.00	On SE. slope, 120 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 35 and 36, with brass cap marked ¼ S 35 | S 36 1922 from which A juniper, 8 ins. diam., bears N. 69° E., 2.14 chs. dist., marked ¼ S 36 B T. A juniper, 8 ins. diam., bears N. 52½° W., 1.70 chs. dist., marked ¼ S 35 B T.
50.00	Spur, 80 ft. above ¼ sec. cor., projects SW. Desc. NW. slope.
53.30	Small swale, 20 ft. below top of spur, drains SW. Asc. general S. slope.
57.50	Low divide, 20 ft. above small swale, bears WNW. and ESE. about 10 chs., thence NE. Desc. along NW. slope of small spur.
60.80	Head of draw, 20 ft. below top of low divide, drains NW. Asc. slightly along W. slope of same small spur.
68.00	Same small spur, 20 ft. above head of draw, projects NNW. Desc. slightly over point of same.
80.00	On point of spur, 20 ft. below last point, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground,

Chains.

for the cor. of secs. 25, 26, 35, and 36, with brass cap marked

T 12 S | R 23 E
S 26 | S 25
S 35 | S 36
1922

from which

A juniper, 10 ins. diam., bears N. 32½° E., 2.72 chs., dist., marked T 12 SR 23 E S 25 B T .

A juniper, 16 ins. diam., bears S. 15½° E., 3.72 chs. dist., marked T 12 S R 23 E S 36 B T .

A juniper, 8 ins. diam., bears S. 54¼° W., 1.16 chs. dist., marked T 12 S R 23 E S 35 B T .

A juniper, 14 ins. diam., bears N. 75½° W., 86 lks. dist., marked T 12 S R 23 E S 26 B T .

Land, rolling.
Soil, sandy, disintegrated shale, on shale base.
Timber, scattering pinon and juniper.
Undergrowth, scattering shadscale, sagebrush and bunch grass. Fair grazing.

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

40.00 Set temp. ¼ sec. cor.

80.08 Fall 12 lks. N. of the cor. of secs. 25, and 36, on the, E. boundary of the township, hereinbefore described.

Thence

N. 89° 55' W., on a true line bet. secs. 25 and 36.

Over rolling hills through scattering timber and undergrowth.

Along S. slope of divide.

20.80 Head of small draw, drains S. Asc. slightly over gentle SE. slope.

40.04 On very gentle SE. slope, set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked

¼ S 25
S 36
1922

Chains	
	from which
	A juniper, 8 ins. diam., bears N. 23° E., 34 lks. dist., marked ¼ S 25 B T .
	A juniper, 12 ins. diam., bears S. 42¼° E., 37 lks. dist., marked ¼ S 36 B T .
41.60	Top of ascent, 20 ft. above head of small draw, Break of flat spur, bears NE. and SW. Desc. NW. slope.
66.30	Draw, 90 ft. below top of ascent, drains NW. Asc. NE. slope.
73.50	Short spur, 20 ft. above draw, projects N. Desc. WNW. slope over point of same.
76.30	Head of small draw, 20 ft. below top of short spur, drains N. Asc. E. slope.
80.08	The cor. of secs. 25, 26, 35, and 36, on point of spur, 30 ft. above head of small draw.
	Land, rolling hills. Soil, rocky, sandy, on shale and sandstone base. Timber, scattering juniper and pinon. Undergrowth, scattering shadscale and sagebrush. Thinly scattering bunch grass. Fair grazing.
	N. 0° 07' W., bet. secs. 25 and 26.
	Over rolling hills through scattering timber and medium undergrowth.
	Desc. point of spur, projecting N.
10.00	Leave point of spur, 20 ft. below sec. cor., projects NNW. Continue descent over gentle ENE. slope.
25.80	Head of small draw, 130 ft. below point on spur, drains SW. Asc. S. slope over point of short spur.
26.80	Point of spur, 10 ft. above head of small draw, projects W. Desc. NW. slope.
30.40	Small draw, 20 ft. below point of spur, drains SW. Asc. gentle SE. slope.
37.70	Top of ascent, 60 ft. above small draw, bears ENE. and WSW. Continue over top of flat spur.
40.00	On top of flat spur, set an iron post, 3 ft. long, 1 in.

Chains.

diam., 20 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass marked

¼
S 26 | S 25
1922

from which

A cedar, 14 ins. diam., bears N. 22½° E., 68 lks. dist., marked ¼ S 25 B T .

A cedar, 8 ins. diam., bears S. 16¼° W., 70 lks. dist., marked ¼ S 26 B T .

45.00 Head of draw, 20 ft. below ¼ sec. cor., drains NW. Asc. slightly over SW. slope.

46.90 Point of low spur, 10 ft. above head of draw, projects W. Desc. slightly over NW. slope.

50.00 Head of small draw, 10 ft. below top of low spur, drains WSW. Asc. slightly over SW. slope.

54.00 Low spur, 10 ft. above draw, projects NW. Desc. gentle NE. slope.

66.80 Draw, 60 ft. below top of low spur, drains WNW. Asc. SSW. slope.

70.20 Low spur, 10 ft. above draw, projects NW. Desc. gentle NE. slope.

76.20 Draw, 50 ft. below top of low spur, drains NNW. Asc. gentle WSW. slope.

80.00 On gentle WSW. slope, 10 ft. above draw, set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 23, 24, 25, and 26, with brass cap marked.

T 12 S | R 23 E .
S 23 | S 24
S 26 | S 25
1922

from which

A pinon, 10 ins. diam., bears N. 48° E., 26 lks. dist., marked T 12 S R 23 E S 24 B T .

Chains	
	A cedar, 6 ins. diam., bears S. 20½° E., 33 lks. dist., marked T 12 S R 23 E S 25 B T .
	A pinon, 8 ins. diam., bears S. 40¼° W., 3.01 chs. dist., marked T 12 S R 23 E S 26 B T .
	A cedar, 8 ins. diam., bears N. 10¼° W., 1.81 chs. dist., marked T 12 S R 23 E S 23 B T .
	Land, rolling hills. Soil, sandy, disintegrated shale, on shale base. Timber, scattering juniper, pinon, and cedar. Undergrowth, shadscale, scattering sagebrush, and bunch grass. Fair grazing.
	S. 89° 55' E., on random line bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
79.60	Intersect the E. boundary of the township 14 lks. N. of the cor. of secs. 24 and 25, hereinbefore described.
	Thence
	N. 89° 49' W., on a true line bet. secs. 24 and 25.
	Over rolling hills through scattering timber and medium undergrowth.
	Asc. gentle SE. slope.
1.50	Ridge, 10 ft. above sec. cor., bears NNE. and SSW. Desc. along NNW. slope.
9.10	Head of draw, 10 ft. below top of ridge, drains N. Asc. gentle ENE. slope.
11.00	Enter medium dense growth of small timber, bears N. and S. Spur, 20 ft. above draw, projects NW. Desc. SW. slope.
17.40	Leave medium dense growth of small timber. Enter scattering timber, bears NW. and SE.
20.50	Head of draw, 60 ft. below top of spur, drains NW. Asc. NE. slope.
22.40	Low spur, 10 ft. above draw, projects NW. Desc. over gentle SW. slope.
31.00	Draw, 80 ft. below top of low spur, drains NW. Asc. over gentle NE. slope.
39.80	On point of short spur, 20 ft. above draw, set an iron

Chains.

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

¼ S 24 / S 25 1922

from which

A pinon, 8 ins. diam., bears S. 43° W., 50 lks. dist., marked ¼ S 25 B T .

A cedar, 8 ins. diam., bears N. 32° W., 11 lks. dist., marked ¼ S 24 B T .

Desc. gentle W. slope.

45.33 Head of small draw, 20 ft. below ¼ sec. cor., drains N. Asc. gentle E. slope.

46.00 Short spur, 20 ft. above head of draw, projects N. Desc. gentle NW. slope over point of same.

50.00 Draw, 20 ft. below top of short spur; drains N. Asc. gentle E. slope.

55.00 Low ridge, 20 ft. above draw, bears N. and S. Desc. over gentle W. slope.

57.00 Draw, 60 ft. below top of low ridge, drains NNW. Asc. gentle E. slope.

70.00 Leave scattering timber, Enter medium dense growth of small timber, bears NW. and SE.

72.20 Low spur, 20 ft. above draw, projects NNW. Desc. gentle WSW. slope.

79.60 The cor. of secs. 23, 24, 25, and 26, 30 ft. below top of low spur.

Land, rolling hills.
Soil, sandy, rocky, on shale base.
Timber, scattering and medium dense growth of juniper, pinon, and cedar.
Undergrowth, shadscale, scattering sagebrush, and bunch grass. Fair grazing.

N. 0° 07' W., bet. secs. 23 and 24.

Over rolling hills through scattering timber and medium undergrowth.

Chains.	
	Asc. gentle WSW. slope.
10.50	Low spur, 20 ft. above sec. cor., projects NW. Desc. gentle NE. slope.
24.40	Draw, 60 ft. below top of low spur, drains NW. Asc. over gentle SW. slope.
32.70	Spur, 50 ft. above draw, projects NW. Desc. gentle N. slope over point of same.
37.70	Draw, 40 ft. below top of spur, drains W. Asc. S. slope.
40.00	On S. slope, 30 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 23 | S 24 1922 from which A cedar, 6 ins. diam., bears S. 89¾° E., 1.62 chs. dist., marked ¼ S 24 B T . A cedar, 6 ins. diam., bears S. 40° W., 1.72 chs. dist., marked ¼ S 23 B T .
41.60	Low divide, 10 ft. above ¼ sec. cor., bears E. and W. Desc. over gentle N. slope.
51.70	Draw, 40 ft. below top of low divide, drains W. Asc. gentle SW. slope over point of spur.
57.70	Point of spur, 30 ft. above draw, projects NW. Desc. gentle N. slope over point of same.
60.40	Head of draw, 20 ft. below top of spur, drains WNW. Asc. gentle S. slope.
67.20	Low spur, 20 ft. above head of draw, projects W. Desc. gentle N. slope.
77.60	Draw, 80 ft. below top of low spur, drains W. Continue over level land.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

Chains	
	the ground, for the cor. of secs. 13, 14, 23, and 24, with brass cap marked
	T 12 S | R 23 E S 14 | S 13 S 23 | S 24 1922
	from which
	A cedar, 9 ins. diam., bears S. 70¾° E., 1.66 chs. dist., marked T 12 S R 23 E S 24 B T.
	A cedar, 8 ins. diam., bears S. 14¼° W., 3.92 chs. dist., marked T 12 S R 23 E S 23 B T.
	Raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor. No other bearing trees available.
	Land, rolling hills. Soil, sandy, rocky, disintegrated shale, on shale base. Timber, scattering juniper, pinon, and cedar. Undergrowth, shadscale, scattering sagebrush, and bunch grass. Fair grazing.
	S. 89° 49' E., on random line bet. secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
79.70	Intersect the E. boundary of the township 9 lks. N. of the cor. of secs. 13 and 24, hereinbefore described.
	Thence
	N. 89° 45' W., on a true line bet. secs. 13 and 24.
	Over rolling hills through scattering timber and medium undergrowth.
	Asc. SE. slope.
2.20	Spur, 40 ft. above sec. cor., projects N. Desc. gentle W. slope.
14.60	Draw, 70 ft. below top of spur, drains NNW. Asc. ENE. slope over point of spur.
18.60	Short spur, 30 ft. above draw, projects N. Desc. gentle NW. slope over point of same.
31.40	Draw, 50 ft. below spur, drains N. Asc. gentle E. slope.
34.70	Short spur, 10 ft. above draw, projects N. Desc. NW. slope over point of same.

Chains	
37.40	Draw, 30 ft. below top of short spur, drains NNE. Asc. E. slope.
39.85	On E. slope, 10 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 13 / S 24 1922 Raise a mound of stone, 2½ ft. base, 1½ ft. high, N. of cor. No bearing trees available.
47.10	Spur, 50 ft. above ¼ sec. cor., projects NNE. Desc. WNW. slope.
52.70	Head of draw, 20 ft. below top of spur, drains N. Asc. gentle E. slope.
58.70	Old road, bears NNW. and SSE. Ridge, 20 ft. above head of draw, bears NNW. and SSE. Desc. gentle W. slope.
69.70	Slope changes to NW. Continue descent.
79.70	The cor. of secs. 13, 14, 23, and 24, 30 ft. below top of ridge.
	Land, rolling hills. Soil, sandy, rocky, on shale base. Timber, scattering pinon and cedar. Undergrowth, shadscale, scattering sagebrush and bunch grass. Fair grazing.
	N. 0° 07' W., bet. secs. 13 and 14.
	Over rolling land through thinly scattering timber and medium undergrowth.
	Asc. slightly over very gentle NW. slope.
.80	Draw, 10 ft. above sec. cor., drains SW. Asc. very gentle SE. slope.
6.70	Low spur, 10 ft. above draw, projects SW. Continue over slightly rolling land.
28.60	Head of small draw, drains NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap

Chains.	
	marked $\frac{1}{4}$ S 14 | S 13 1922.
	Raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No bearing trees available.
46.50	Small swale, 30 ft. below $\frac{1}{4}$ sec. cor., drains NE.
60.00	Head of small swale, drains NE.
70.20	Head of small swale, 20 ft. below last point, drains NE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 11, 12, 13, and 14, with brass cap marked T 12 S R 23 E S 11 | S 12 / S 14 | S 13 1922
	Deposit a sandstone memorial, 10 x 8 x 8 ins., marked with cross (X), at base of post. No bearing trees available.
	Land, rolling. Soil, rocky, sandy, disintegrated shale and sandstone, on shale and sandstone base. Timber, thinly scattering growth of small pinon, cedar, and juniper. Undergrowth, shadscale, scattering sagebrush, and bunch grass. Fair grazing.
	S. 89° 45' E., on random line bet. secs. 12 and 13.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.78	Intersect the E. boundary of the township 5 lks. N. of the cor. of secs. 12 and 13, hereinbefore described.
	Thence
	N. 89° 43' W., on a true line bet. secs. 12 and 13.
	Over rolling land through very thinly scattering timber and medium undergrowth.
	Asc. E. slope.
3.80	Spur, 50 ft. above sec. cor., projects N. Desc. W. slope.
15.40	Draw, 80 ft. below top of spur, drains N. Asc. E. slope.
24.40	Spur, 30 ft. above draw, projects N. Desc. W. slope.

Chains	
28.70	Draw, 70 ft. below top of spur, drains N. Asc. NE. slope.
32.40	Point of short spur, 60 ft. above draw, projects N. Desc. NW. slope over point of same.
35.60	Head of draw, 20 ft. below point of spur, drains N. 10° W. Asc. NE. slope over point of short spur.
36.80	Point of short spur, 20 ft. above head of draw, projects N. Desc. NW. slope over point of same.
39.89	In head of draw, draining NNE., 30 ft. below point of spur, set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, to bedrock, supported by a small mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 12 / S 13 1922 from which A juniper, 10 ins. diam., bears N. 65° E., 1.98 chs. dist., marked ¼ S 12 B T . A juniper, 12 ins. diam., bears S. 36° E., 2.16 chs. dist., marked ¼ S 13 B T .
	Asc. E. slope.
51.80	Large spur, 40 ft. above ¼ sec. cor., projects N. Desc. W. slope.
58.70	West Fork of Asphalt Wash, 15 lks. wide, 5 ft. deep, 130 ft. below top of large spur, drains N. Asc. E. slope.
67.30	Spur, 100 ft. above West Fork of Asphalt Wash, projects NNE. Desc. WNW. slope.
75.60	Small swale, 20 ft. below top of spur, drains NNE. Asc. slightly over SE. slope.
79.78	The cor. of secs. 11, 12, 13, and 14, 30 ft. above bottom of small swale.

Land, rolling.
Soil, rocky, sandy, disintegrated shale and sandstone, on shale and sandstone base.
Timber, thinly scattering juniper and pinon.
Undergrowth, shadscale, black sagebrush, and scattering bunch grass. Fair grazing.

Chains	
	N. 0° 07' W., bet. secs. 11 and 12.
	Over rolling land through thinly scattering timber and medium undergrowth.
.50	Low spur, 10 ft. above cor., projects NE. Desc. NW. slope.
3.10	Small swale, 30 ft. below top of low spur, drains NE. Continue descent along general NE. slope.
10.00	Small swale, 40 ft. below last point, drains NE.
23.50	Swale, 4 chs. wide, 60 ft. below last point, drains ENE.
31.80	Swale, 40 ft. below last point, drains NE.
33.60	Road, bears NE. to Watson and SW. to Willow Creek.
40.00	On point of small spur, 20 ft. above swale, set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked

¼
S 11 | S 12
1922

from which

A juniper, 6 ins. diam., bears S. 44½° E., 2.08 chs. dist., marked ¼ S 12 B T .

A juniper, 6 ins. diam., bears S. 12 ° W., 1.76 chs. dist., marked ¼ S 11 B T .

41.90	Small draw, 30 ft. below ¼ sec. cor., drains E. Asc. very gentle ESE. slope.
65.00	Small spur, 20 ft. above draw, projects NNE. Desc. along WNW. slope.
78.20	Shallow wash in bottom of draw, 70 ft. below top of small spur, drains NE. Asc. SE. slope.
80.00	On SE. slope, 10 ft. above shallow wash, set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, to bedrock, supported by a small mound of stone, for the cor. of secs. 1, 2, 11, and 12, with brass cap marked

Chains	
	T 12 S R 23 E S 2 | S 1 S 11 | S 12 1922
	from which
	A juniper, 8 ins. diam., bears S 21½°E., 4.00 chs. dist., marked T 12 S R 23 E S 12 B T .
	A juniper, 8 ins. diam., bears S. 5½° W., 4.24 chs. dist., marked T 12 S R 23 E S 11 B T .
	A juniper, 8 ins. diam., bears N. 63½° W., 2.74 chs. dist., marked T 12 S R 23 E S 2 B T .
	No other bearing tree available.
	Land, rolling. Soil, rocky, sandy, disintegrated shale and sandstone, on shale and sandstone base. Timber, thinly scattering juniper and pinon. Undergrowth, shadscale and scattering sagebrush. Fair grazing.
	S. 89° 43' E., on random line bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect the E. boundary of the township 5 lks. S. of the cor. of secs. 1 and 12, hereinbefore described.
	Thence
	N. 89° 45' W., on a true line bet. secs. 1 and 12.
	Over rolling hills through thinly scattering timber and medium undergrowth.
2.90	Small draw, 80 ft. below sec. cor., drains NNW. Asc. NE. slope.
7.20	Spur, 70 ft. above small draw, projects NW. Desc. SW. slope.
34.00	Draw, 160 ft. below top of spur, drains NNW. Asc. NE. slope.
39.97	On NE. slope, 20 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked
	¼ S 1 / S 12 1922

Chains. Raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. No bearing trees available.

44.10 Break of flat spur, 100 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE. Continue over level top of same.

54.10 Break of flat spur; bears NW. and SE. Desc. SW. slope.

61.70 Road, bears N.10° E. to Watson and S. 10° W. to Willow Creek.

63.60 West Fork of Asphalt Wash, 20 lks. wide, 10 ft. deep, drains N. Asc. E. slope. Wash 120 ft. below spur.

70.00 Point of short spur, 40 ft. above West Fork of Asphalt Wash, projects NE. Desc. NW. slope.

77.40 Draw, 20 ft. below point of spur, drains NE. Asc. SE. slope.

79.94 The cor. of secs. 1, 2, 11, and 12, 10 ft. above draw.

Land, rolling hills.
Soil, rocky, sandy, disintegrated shale and sandstone, on shale and sandstone base.
Timber, thinly scattering juniper and pinon.
Undergrowth, shadscale, black sagebrush, and scattering bunch grass. Fair grazing.

N. 0° 07' W., on random line bet. secs. 1 and 2.

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

79.80 Intersect the N. boundary of the township 14 lks. W. of the cor. of secs. 1, 2, 35, and 36, hereinbefore described.

Thence

S. 0° 01' E., on a true line bet. secs. 1 and 2.

Over rolling land through thinly scattering timber and medium undergrowth.

3.10 Point of low spur, 30 ft. above sec. cor., projects NE. Desc. slightly over SE. slope.

5.10 Small draw, 10 ft. below top of low spur, drains NE. Asc. N. slope.

16.80 Point of spur, 80 ft. above small draw, projects NE. Desc. SE. slope.

37.20 Road, bears NE. to Watson and SW. to Bitter Creek.

Chains.	
37.40	Wash, 15 lks. wide, 5 ft. deep, 70 ft. below point of spur, drains NE. Asc. NW. slope.
39.80	On NW. slope, 20 ft. above wash, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 2 | S 1 1922 Raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor. No bearing trees available.
46.20	Spur, 90 ft. above ¼ sec. cor., projects NE. Desc. SE. slope.
54.60	Small draw, 70 ft. below top of spur, drains NE. Asc. NW. slope.
69.60	Spur, 90 ft. above small draw, projects NE. Desc. SE. slope.
79.80	The cor. of secs. 1, 2, 11, and 12, on SE. slope, 70 ft. below top of spur.

Land, rolling.
Soil, rocky, sandy, disintegrated shale and sandstone, on shale and sandstone base.
Timber, thinly scattering juniper and pinon.
Undergrowth, shadscale and black sagebrush. Fair grazing.

From the cor. of secs. 2, 3, 34, and 35, on the S. boundary of the township, which is an iron post, firmly set, marked and witnessed as described in the notes of the survey of T. 13 S., R. 23 E.

N. 0° 07' W., bet. secs. 34 and 35.

Over rolling land through thinly scattering timber and medium undergrowth.

Asc. SE. slope.

10.80	Spur, 80 ft. above sec. cor., projects SW. Desc. NW. slope.
24.80	Draw, 30 ft. below top of spur, drains SSW. Asc. along ESE. slope.

Chains.

40.00 On ESE. slope, 30 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

¼

S 34 | S 35

1922

from which

A juniper, 12 ins. diam., bears S. 72° E., 53 lks. dist., marked ¼ S 35 B T.

A juniper, 10 ins. diam., bears N. 49° W., 72 lks. dist., marked ¼ S 34 B T.

60.60 Ridge, 90 ft. above ¼ sec. cor., bears E. and W. Desc. NE. slope along E. side of spur.

70.80 Draw, 70 ft. below top of ridge, drains NNW. Asc. WSW. slope.

80.00 On WSW. slope, 30 ft. above draw, set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 26, 27, 34, and 35, with brass cap marked

T 12 S | R 23 E

S 27 | S 26

S 34 | S 35

1922

from which

A pinon, 6 ins. diam., bears N. 18¾° E., 1.15 chs. dist., marked T 12 S R 23 E S 26 B T.

A juniper, 8 ins. diam., bears S. 46¾° E., 1.69 chs. dist., marked T 12 S R 23 E S 35 B T.

A juniper, 10 ins. diam., bears S. 8¼° W., 57 lks. dist., marked T 12 S R 23 E S 34 B T.

A pinon, 14 ins. diam., bears N. 34° W., 1.26 chs. dist., marked T 12 S R 23 E S 27 B T.

Land, rolling.
Soil, rocky, sandy, on shale and sandstone base.
Timber, scattering pinon and juniper.
Undergrowth, shadscale, scattering sagebrush, and bunch grass. Fair grazing.

Chains	
	East, on random line bet. secs. 26 and 35.
40.00	Set temp. ¼ sec. cor.
80.18	Intersect N. and S. line, 12 lks. N. of the cor. of secs. 25, 26, 35, and 36.
	Thence
	N. 89° 55' W., on a true line bet. secs. 26 and 35.
	Over rolling land through scattering timber and medium undergrowth.
	Desc. W. slope.
7.30	Head of draw, 50 ft. below sec. cor., drains NW. Asc. NE. slope over point of short spur.
12.00	Point of small spur, 40 ft. above head of draw, projects N. Desc. NW. slope over point of same.
18.70	Draw, 70 ft. below point of small spur, drains N. Asc. E. slope.
30.00	Small spur, 30 ft. above draw, projects N. Desc. W. slope.
40.09	On W. slope, 60 ft. below top of small spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked
	¼ S 26 / S 35 1922
	from which
	A pinon, 5 ins. diam., bears S. 11° W., 4.09 chs. dist., marked ¼ S 35 B T .
	A juniper, 6 ins. diam., bears N. 32° W., 55 lks. dist., marked ¼ S 26 B T .
	Continue descent.
59.50	Draw, 70 ft. below ¼ sec. cor., drains N. Asc. general NE. slope.
75.00	Low spur, 80 ft. above draw, projects NW. Desc. WSW. slope.
80.18	The cor of secs. 26, 27, 34, and 35, On WSW. slope, 30 ft. below top of low spur.

Chains.

Land, rolling.
Soil, sandy, rocky; disintegrated shale and sandstone, on shale and sandstone base.
Timber, scattering juniper and pinon.
Undergrowth, shadscale, black sagebrush, and scattering bunch grass. Fair grazing.

N. 0° 07' W., bet. secs. 26 and 27.

Over rolling land through scattering timber and medium undergrowth.

Asc. slightly along WSW. slope.

15.60 Spur, 10 ft. above sec. cor., projects NNW. Desc. ENE. slope.

40.00 Near bottom of large draw, on ENE. slope, 160 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

¼
S 27 | S 26
1922

from which

A juniper, 5 ins. diam., bears N. 63¾° E., 4.43 chs. dist., marked ¼ S 26 B T .

A juniper, 8 ins. diam., bears S. 6¼° W., 2.28 chs. dist., marked ¼ S 27 B T .

41.70 Draw, 10 ft. below ¼ sec. cor., drains NW. Continue over level bottom land.

52.40 Small draw, drains WSW. Asc. S. slope.

63.00 Large spur, 120 ft. above small draw, projects SW. about 4 chs., thence NW. Desc. over W. slope along E. side of small draw, draining N.

80.00 On W. slope, 90 ft. below top of large spur, set an iron post, 3 ft. long; 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 22, 23, 26, and 27; with brass cap marked

T 12 S | R 23 E
S 22 | S 23
S 27 | S 26
1922

from which

Chains.	
	A juniper, 10 ins. diam., bears N. 29¾° E., 2.70 chs. dist., marked T 12 S R 23 E S 23 B T .
	A pinon, 12 ins. diam., bears S. 63° E., 2.01 chs. dist., marked T 12 S R 23 E S 26 B T .
	A juniper, 4 ins. diam., bears S. 76½° W., 2.89 chs. dist., marked T 12 S R 23 E S 27 B T .
	A pinon, 6 ins. diam., bears N. 89½° W., 2.47 chs. dist., marked T 12 S R 23 E S 22 B T .
	Land, rolling.
	Soil, rocky, sandy, disintegrated shale and sandstone, on shale and sandstone base.
	Timber, scattering pinon and juniper.
	Undergrowth, shadscale, black sagebrush, and scattering bunch grass. Fair grazing.
	S. 89° 55' E., on random line bet. secs. 23 and 26.
40.00	Set temp. ¼ sec. cor.
80.24	Intersect N. and S. line, 14 lks. S. of the cor. of secs. 23, 24, 25, and 26.
	Thence
	S. 89° 59' W., on a true line bet. secs. 23 and 26.
	Over rolling land through scattering timber and medium undergrowth.
	Desc. gentle WSW. slope.
2.00	Small draw, 10 ft. below sec. cor., drains NW. Asc. NE. slope.
5.00	Small spur, 30 ft. above draw, projects NW. Desc. SW. slope.
20.20	Draw, 40 ft. below top of small spur, drains NW. Asc. NE. slope.
30.00	Point of short spur, 60 ft. above draw, projects NNE. Desc. W. slope over point of same.
33.20	Small draw, 60 ft. below point of spur, drains N. Asc. E. slope.
37.00	Break of flat spur, 50 ft. above small draw, bears N. and S. Continue over level top of same.
40.12	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

Chains	
	ground, for the ¼ sec. cor., with brass cap marked
	¼ S 23 / S 26 / 1922
	from which
	A juniper, 10 ins. diam., bears S. 3½° E., 59 lks. dist., marked ¼ S 26 B T .
	A pinon, 8 ins. diam., bears N. 44¾° W., 40 lks. dist., marked ¼ S 23 B T .
53.10	Break of flat spur, bears N. and S. Desc. W. slope.
66.50	Draw, 90 ft. below top of spur, drains NNW. Asc. E. slope.
73.00	Spur, 70 ft. above draw, projects N. Desc. W. slope.
80.24	The cor. of secs. 22, 23, 26, and 27, on W. slope, 70 ft. below top of spur.
	Land, rolling.
	Soil, rocky, sandy, disintegrated shale and sandstone, on shale and sandstone base.
	Timber, scattering pinon and juniper.
	Undergrowth, shadscale, scattering black sagebrush, and thinly scattering bunch grass. Fair grazing.
	N. 0° 07' W., bet. secs. 22 and 23.
	Over, rolling, slightly broken hills through scattering timber and medium undergrowth.
	Desc. W. slope.
13.80	Draw, 60 ft. below sec. cor., drains N. 10° E. Continue descent along W. side of same.
25.80	Draw, 20 ft. below last point, drains W. Asc. S. slope.
28.70	Spur, 70 ft. above draw, projects W. Desc. NW. slope.
36.00	Draw, 30 ft. below top of spur, drains W. Asc. SW. slope.
40.00	On SW. slope, 20 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ / S 22 | S 23 / 1922

Chains.	
	from which
	A pinon, 4 ins. diam., bears S. 78¼° E., 27 lks. dist., marked ¼ S 23 B T.
	A cedar, 6 ins. diam., bears N. 72½° W., 40 lks. dist., marked ¼ S 22 B T.
43.50	Break of flat spur, 20 ft. above ¼ sec. cor., bears NW. and SE. Continue over level top of same.
51.50	Break of flat spur, bears NW. and SE. Desc. NE. slope.
64.60	Draw, 120 ft. below top of flat spur, drains NNW. Asc. WSW. slope.
71.90	Small spur, 40 ft. above draw, projects W. Desc. NNW. slope over point of same.
75.00	Wash, 30 lks. wide, 2 ft. deep, in bottom of large draw, 70 ft. below top of small spur, drains S. 80° W. Road, in bottom of wash, bears N. 80° E. to Watson and S. 80° W. to Willow Creek. Asc. SE. slope.
80.00	On SE. slope, 50 ft. above wash, set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 14, 15, 22, and 23, with brass cap marked

T. 12 S. R. 23 E.
S 15 | S 14
S 22 | S 23
1922

Deposit a sandstone memorial, 8 x 6 x 6 ins., marked with cross (X) at base of post. No bearing trees are available.

Land, rolling, slightly broken hills.
Soil, sandy, rocky, on shale and sandstone base.
Timber, scattering cedar and pinon.
Undergrowth, shadscale, sagebrush, and scattering bunch grass. Fair grazing.

N. 89° 59' E., on random line bet. secs. 14 and 23.

40.00	Set temp. ¼ sec. cor.
80.14	Intersect N. and S. line, 14 lks. S. of the cor. of secs. 13, 14, 23, and 24.

Chains.

Thence

S. 89° 53' W., on a true line bet. secs. 14 and 23.

Over rolling hills through scattering timber and medium undergrowth.

Desc. slightly over base of NW. slope.

.50 Small draw, 10 ft. below sec. cor., drains SW. Asc. gentle SE. slope.

5.50 Small spur, 20 ft. above draw, projects W. Desc. along top of same.

10.00 Leave top of spur, projects WSW. Desc. along N. side of same.

[illegible] Head of small draw, 60 ft. below first point on spur, drains NW. about 3 chs., thence W. Asc. NE. slope.

[illegible] Point of small spur, 10 ft. above head of draw, projects N. Desc. NW. slope over point of same.

[illegible] Small draw, 70 ft. below point of spur, drains SW. Asc. along S. slope.

[illegible] On S. slope, 10 ft. above small draw, set an iron post, 3 ft. long, 1 in. diam., over cross (X) marked on exposed bedrock, supported by a large mound of stone, for the ¼ sec. cor., with brass cap marked

S 14

S 23
1922

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

Desc. along SW. slope.

[illegible] Draw, 60 ft. below ¼ sec. cor., drains NW. Asc. gentle NE. slope.

[illegible] Low spur, 20 ft. above draw, projects NW. Desc. W. slope over point of same.

[illegible] Wash, 30 lks. wide, 2 ft. deep, 60 ft. below point of spur, drains WSW. Continue over bottom land.

68.00 Road, bears NE. to Watson and WSW. to Willow Creek.

Chains.	
77.10	Wash, 20 lks. wide, 2 ft. deep, drains SE. Asc. SE. slope.
80.14	The cor. of secs. 14, 15, 22, and 23, on SE. slope, 20 ft. above wash.
	Land, rolling hills. Soil, sandy, rocky, on shale and sandstone base. Timber, scattering pinon and cedar. Undergrowth, shadscale, sagebrush, and scattering bunch grass. Fair grazing.
	N. 0° 07' W., bet. secs. 14 and 15.
	Over, rolling, broken hills through scattering timber and medium undergrowth.
	Asc. along SE. slope.
5.20	Wash, 10 ft. above sec. cor., drains SSE. Asc. along E. side of same.
27.60	Leave head of draw, Asc. S. slope.
40.00	On S. slope, 150 ft. above wash, set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 15 | S 14 1922 from which A pinon, 12 ins. diam., bears N. 82° E., 23 lks. dist., marked ¼ S 14 B T. A cedar, 12 ins. diam., bears S. 57¼° W., 14 lks. dist., marked ¼ S 15 B T.
47.20	Base of abrupt ascent, 60 ft. above ¼ sec. cor., bears E. and W. Asc. broken S. slope over sandstone and shale outcroppings.
58.70	Ridge, 270 ft. above base of abrupt asecent, bears NNW. and SSE. Desc. broken ENE. slope. Enter medium dense growth of timber, bears NNW. and SSE.
73.70	Leave medium dense growth of timber. Enter scattering timber, bears E. and W.

Chains.

80.00 On broken ENE. slope, 120 ft. below top of ridge, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 10, 11, 14, and 15, with brass cap marked

T 12 S R 23 E
S 10 | S 11
S 15 | S 14
1922

from which

A cedar, 6 ins. diam., bears N. 62½° E., 76 lks. dist., marked T 12 S R 23 E S 11 B T.

A cedar, 6 ins. diam., bears S. 64½° E., 3.43 chs. dist., marked T 12 S R 23 E S 14 B T.

A pinon, 10 ins. diam., bears S. 19¼° W., 35 lks. dist., marked T 12 S R 23 E S 15 B T.

A cedar, 8 ins. diam., bears N. 49¾° W., 1.06 chs. dist., marked T 12 S R 23 E S 10 B T.

Land, rolling, broken hills.
Soil, sandy, rocky, on shale and sandstone base.
Timber, scattering and medium dense growth of pinon and cedar.
Undergrowth, shadscale, scattering sagebrush, and bunch grass. Fair grazing.

N. 89° 53' E., on random line bet. secs. 11 and 14.

40.00 Set temp. ¼ sec. cor.

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

Thence

S. 89° 56' W., on a true line bet. secs. 11 and 14.

Over rolling land through scattering timber and medium undergrowth.

2.30 Small draw, 10 ft. below sec. cor., drains NE. Asc. SE. slope.

14.90 Spur, 40 ft. above small draw, projects NE. Desc. NW. slope.

20.30 Wash, 30 lks. wide, 2 ft. deep, 20 ft. below top of spur, drains NNE. Asc. very gentle E. slope.

Chains	
21.80	Road, bears NNE. to Watson and SSW. to Willow Creek.
40.12	On very gentle E. slope, 60 ft. above wash, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 11 / S 14 1922 from which A pinon, 4 ins. diam., bears N. 29¼° E., 2.82 chs. dist., marked ¼ S 11 B.T . A cedar, 8 ins. diam., bears S. 37° W., 1. 75 chs. dist., marked ¼ S 14 B.T .
68.40	Spur, 200 ft. above ¼ sec. cor., projects N. Desc. gentle W. slope.
72.50	Draw, 10 ft. below top of spur, drains N. Asc. ENE. slope.
80.24	The cor. of secs. 10, 11, 14, and 15, on ENE. slope, 30 ft. above draw,
	Land, rolling. Soil , sandy, rocky, on shale and sandstone base. Timber, scattering cedar and pinon. Undergrowth, shadscale, sagebrush, and scattering bunch grass, Fair grazing.
	N. 0° 07' W., bet. secs. 10 and 11.
	Over rolling hills through scattering timber and medium undergrowth.
	Asc. along E. slope.
3.60	Low spur, 10 ft. above sec. cor., projects NE. Desc. gentle N. slope over point of same.
16.30	Small draw, 70 ft. below top of spur, drains NNE. Continue along gentle E. slope.
27.30	Low spur, projects NNE. Desc. gentle N. slope over point of same.
32.30	Small draw, 30 ft. below top of spur, drains NE. Continue along gentle E. slope.
37.30	Point of small spur, projects NE. Desc. slightly over

Chains.	
	point of same.
40.00	On N. slope, 10 ft. below point of spur, set an iron post 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 10 | S 11 1922 from which A cedar, 6 ins. diam., bears S. 50° E., 47 lks. dist., marked ¼ S 11 B.T . A cedar, 6 ins. diam., bears N. 81¼° W., 3.00 chs. dist., marked ¼ S 10 B.T .
70.00	Small draw, 70 ft. below ¼ sec. cor., drains NE. Continue along SE. slope.
75.00	Low spur, projects NE. Desc. gentle NW. slope.
80.00	In bottom of small swale, 20 ft. below top of spur, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 2, 3, 10, and 11, with brass cap marked T 12 S | R 23 E S 3 | S 2 S 10 | S 11 1922 from which A cedar, 8 ins. diam., beans N. 78° E., 82 lks. dist., marked T 12 S R 23 ES 2 B T . A cedar, 8 ins. diam., bears S. 71½° E., 98 lks. dist., marked T 12 S R 23 E S 11 B T . A cedar, 6 ins. diam., bears S. 14° W., 2.44 chs. dist., marked T 12 S R 23 E S 10 B T . A cedar, 8 ins. diam., bears N. 38° W., 17 lks. dist., marked T 12 S R 23 E S 3 B T .

Land, rolling hills.
Soil, sandy, rocky, on shale and sandstone base.
Timber, scattering pinon and cedar.
Undergrowth, shadscale, sagebrush, and scattering bunch grass. Fair grazing.

Chains	
	N. 89° 56' E., on random line bet. secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.
80.14	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 1, 2, 11, and 12.
	Thence
	S. 89° 58' W., on a true line bet. secs. 2 and 11.
	Over rolling land through scattering timber and medium undergrowth.
	Asc. SE. slope.
6.50	Point of spur, 70 ft. above sec. cor., projects E. Continue ascent along top of same.
38.70	Break of flat spur, 50 ft. above last point, bears NNE. and SSW. Continue over level top of same.
40.07	On top of flat spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec.cor., with brass cap marked
	¼ S 2 / S 11 1922
	from which
	A cedar, 12 ins. diam., bears N. 36½° W., 32 lks. dist., marked ¼ S 2 B T .
	A cedar, 14 ins. diam., bears S. 37¾° W., 16 lks. dist., marked ¼ S 11 B T .
41.00	Break of flat spur, bears NE. and SW. Desc. NW. slope.
45.00	Swale, 20 ft. below break of spur, drains N. 10° E. Asc. E. slope.
51.90	Point of small spur, 70 ft. above swale, projects NNW. Desc. gentle WNW. slope over point of same.
56.90	Swale, 10 ft. below top of spur, drains NNE. Asc. E. slope.
59.90	Spur, 40 ft. above swale, projects NNE. Desc. W. slope.
69.60	Draw, 70 ft. below spur, drains N. Continue over level land.
71.50	Small swale, drains NW. about 2 chs. into draw. Old road

Chains.	
	bears N. and S. Asc. slightly over bottom of swale.
80.14	The cor. of secs. 2, 3, 10, and 11, 40 ft. above last point.
	Land, rolling. Soil, sandy, rocky, on shale and sandstone base. Timber, scattering cedar and pinon. Undergrowth, shadscale, sagebrush, and scattering bunch grass. Fair grazing.
	N. 0° 01' W., on random line bet. secs. 2 and 3.
40.00	Set temp. ¼ sec. cor.
79.91	Intersect the N. boundary of the township 2 lks. E. of the cor. of secs. 2, 3, 34, and 35, hereinbefore described.
	Thence
	S. 0° 02' E., on a true line bet. secs. 2 and 3.
	Over broken mountainous land through scattering timber and medium undergrowth.
	Asc. NW. slope.
12.90	Ridge, 140 ft. above sec. cor., bears NE. and SW. Desc. broken SE. slope.
22.90	Head of small draw, 200 ft. below top of ridge, drains E. Asc. over broken ENE. slope.
36.80	Point of short spur, 190 ft. above head of draw, projects E. Desc. SE. slope.
39.91	On SE. slope, 50 ft. below point of spur, set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked

¼

S 3 | S 2

1922

from which

A pinon, 6 ins. diam., bears N. 11° E., 29 lks. dist., marked ¼ S 2 B T .

A pinon, 6 ins. diam., bears S. 29° W., 90 lks.

Chains.	
	dist., marked ¼ S 3 B T .
	Continue descent over broken sandstone ledges and shale outcroppings.
49.50	Draw, 160 ft. below ¼ sec. cor., drains E. Asc. gentle NE. slope. Leave broken mountainous land. Enter rolling hills, bears NE. and SW.
55.90	Road, bears N. 80° W. to Bitter Creek and S. 80° E. to Watson.
64.50	Low spur, 20 ft. above draw, projects NE. Desc. very slightly over SE. slope.
79.91	The cor. of secs. 2, 3, 10, and 11, in bottom of swale, 10 ft. below top of low spur.
	Land, broken mountainous and rolling hills. Soil, sandy, rocky, on shale and sandstone base. Timber, scattering pinon and cedar. Undergrowth, shadscale, sagebrush, and scattering bunch grass. Fair grazing.
	From the cor. of secs. 3, 4, 33, and 34, on the S. boundary of the township, which is an iron post, firmly set, marked and witnessed as described in the notes of the survey of T. 13 S., R. 23 E.
	N. 0° 08' W., bet. secs. 33 and 34.
	Over rolling hills through thinly scattering timber and medium undergrowth.
	Desc. NW. slope.
4.80	Small draw, 60 ft. below sec. cor., drains SW. Asc. SSW. slope.
10.50	Spur, 70 ft. above small draw, projects WSW. Desc. N. slope.
26.10	Draw, 220 ft. below top of spur, drains SW. Asc. S. slope.
40.00	On S. slope, 220 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., over cross (X), marked on exposed bedrock, supported by a large mound of stone, for the ¼ sec. cor., with brass cap marked

Chains.	
	$\frac{1}{4}$ S 33 | S 34 1922
	from which
	A pinon, 10 ins. diam., bears N. 17° E., 1.37 chs. dist., marked $\frac{1}{4}$ S 34 B T .
	A juniper, 4 ins. diam., bears N. 80$\frac{1}{4}$° W., 87 lks. dist., marked $\frac{1}{4}$ S 33 B T .
45.30	Point of spur, 110 ft. above $\frac{1}{4}$ sec. cor., projects W. Desc. N. slope.
57.30	Draw, 170 ft. below point of spur, drains W. Asc. S. slope.
64.00	Spur, 180 ft. above draw, projects W. Desc. N. slope.
80.00	On N. slope, 150 ft. below top of spur, set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, to bedrock, supported by a large mound of stone, for the cor. of secs. 27, 28, 33, and 34, with brass cap marked
	T. 12 S. R 23 E. S 28 | S 27 S 33 | S 34 1922
	Deposit a sandstone memorial, 8 x 6 x 6 ins., marked with cross (X), at base of post. No bearing trees available.
	Land, rolling hills. Soil, rocky, sandy, on shale and sandstone base. Timber, thinly scattering juniper and pinon. Undergrowth, shadscale and scattering black sagebrush. Fair grazing.
	East, on random line bet. secs. 27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.12	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 26, 27, 34, and 35.
	Thence
	N. 89° 57' W., on a true line bet. secs. 27 and 34.
	Over rolling hills through scattering timber and medium undergrowth.
	Desc. WSW. slope.

Chains.	
3.20	Draw, 40 ft. below sec. cor., drains N. Asc. ENE. slope.
10.90	Spur, 70 ft. above draw, projects NNW. Desc. ESE. slope.
18.20	Draw, 90 ft. below top of spur, drains NNW. Asc. ENE. slope.
34.60	Large spur, 90 ft. above draw, projects NNW. Desc. WSW. slope.
40.06	On WSW. slope, 50 ft. below top of large spur, set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 27 / S 34 1922 from which A juniper, 10 ins. diam., bears N. 43° E., 40 lks. dist., marked ¼ S 27 B T . A pinon, 20 ins. diam., bears S. 27½° W., 2.72 chs. dist., marked ¼ S 34 B T .
42.20	Head of draw, 20 ft. below ¼ sec. cor., drains NNW. Asc. NE. slope.
45.00	Point of small spur, 10 ft. above head of draw, projects N. Desc. NW. slope over point of same.
60.00	Head of small draw, 140 ft. below top of spur, drains NNW. Asc. ENE. slope.
66.00	Small spur, 20 ft. above head of small draw, projects NNW. Desc. WSW. slope.
71.10	Draw, 100 ft. below top of small spur, drains NW. about 2 chs., thence W. Desc. slightly along N. slope.
80.12	The cor. of secs. 27, 28, 33, and 34, on N. slope, 20 ft. below last point.

Land, rolling hills.
Soil, rocky, sandy, on shale and sandstone base.
Timber, scattering pinon, and juniper.
Undergrowth, shadscale, scattering sagebrush, and bunch grass. Fair grazing.

Subdivision of T. 12 S., R. 23 E.

Chains.	
	N. 0° 08' W., bet. secs. 27 and 28.
	Over broken hills through scattering timber and medium undergrowth.
	Desc. slightly over N. slope.
3.00	Draw, 10 ft. below sec. cor., drains W. Asc. S. slope.
9.60	Point of small spur, 20 ft. above draw, projects SW. Desc. NW. slope.
14.80	Draw, 30 ft. below point of small spur, drains SW. Asc. SE. slope.
20.40	Spur, 110 ft. above draw, projects WSW. Desc. broken NW. slope.
31.50	Draw, 130 ft. below top of spur, drains SW. Asc. broken SE. slope over sandstone and shale outcroppings.
40.00	On top of spur, projecting WSW., 120 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a large mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 28 | S 27 1922 from which A pinon, 8 ins. diam., bears N. 76½° E., 81 lks. dist., marked ¼ S 27 B T . A pinon, 6 ins. diam., bears S. 52½° W., 66 lks. dist., marked ¼ S 28 B T .
	Desc. broken NW. slope.
56.50	Draw, 180 ft. below ¼ sec. cor., drains W. Asc. S. slope along bottom of swale, draining S.
65.00	Saddle in ridge, 140 ft. above draw, bears WNW. and ESE. Desc. along top of small spur, projecting N.
80.00	On top of small spur, 100 ft. below top of ridge, set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground, to bedrock, supported by a large mound of

Chains.	
	stone, for the cor. of secs. 21, 22, 27, and 28, with brass cap marked T 12 S R 23 E S 21 | S 22 S 28 | S 27 1922 Deposit a sandstone memorial, 10x 8 x 6 ins., marked with cross (X), at base of post. No bearing trees available. Land, broken hills. Soil, sandy, rocky, on shale and sandstone base. Timber, scattering pinon and cedar. Undergrowth, shadscale, sagebrush, and scattering bunch grass. Fair grazing.
	S. 89° 57' E., on random line bet. secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 22, 23, 26, and 27.
	Thence
	N. 89° 54' W., on a true line bet. secs. 22 and 27.
	Over rolling, slightly broken hills through scattering timber and medium undergrowth.
	Desc. W. slope.
1.40	Small draw, 10 ft. below sec. cor., drains N. Asc. gentle E. slope.
5.00	Spur, 40 ft. above small draw, projects N. Desc. W. slope.
12.20	Head of draw, 80 ft. below top of spur, drains N. Asc. ENE. slope.
21.10	Spur, 60 ft. above head of draw, projects NW. Desc. SW. slope.
30.00	Slope changes to S. Continue descent along same.
40.01	On S. slope, 150 ft. below top of spur, 20 lks. N. of bend in wash in bottom of draw, which drains SW. from SE., set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 22 / S 27 1922

Chains.

from which

A cedar, 8 ins. diam., bears N. 61¼° E., 2.41 chs. dist., marked ¼ S 22 B T .

A cedar, 6 ins. diam., bears S. 38¼° E., 2.91 chs. dist., marked ¼ S 27 B T .

48.80 Point of small spur, 70 ft. above ¼ sec. cor., projects SW. Desc. W. slope over point of same.

59.60 Bottom of draw, 190 ft. below point of small spur, drains W. Continue descent along bottom of same.

66.50 Leave bottom of draw, 20 ft. below last point, drains NW. Asc. E. slope over point of small spur.

70.20 Point of spur, 110 ft. above draw, projects NNE. Desc. NW. slope over point of same.

76.60 Draw, 70 ft. below point of spur, drains N. Asc. E. slope.

80.02 The cor. of secs. 21, 22, 27, and 28, on top of small spur, 100 ft. above draw.

Land, rolling, slightly broken hills.
Soil, sandy, rocky, on shale and sandstone base.
Timber, scattering pinon and cedar.
Undergrowth, sagebrush, shadscale, and scattering bunch grass. Fair grazing.

N. 0° 08' W., bet. secs. 21 and 22.

Over broken hills through scattering timber and medium undergrowth.

Desc. from top of small spur along NE. slope.

10.80 Draw, 200 ft. below sec. cor., drains NNW. Asc. broken WSW. slope.

19.20 Top of shale ledge, 40 ft. high, 60 ft. above draw, bears NNW. and SSE. Continue ascent.

20.20 Small spur, 20 ft. above top of shale ledge, projects NW. Desc. broken N. slope over point of same.

27.10 Same draw, 120 ft. below top of small spur, drains N. Continue descent along bottom of same.

31.10 Leave bottom of draw, 10 ft. below last point, drains NNE. Asc. ESE. slope.

Chains	
35.50	Point of spur, 150 ft. above draw, projects SE. Desc. NE slope over point of same. Leave scattering timber, bears E. and W.
40.00	On NE. slope, 120 ft. below point of spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 21 | S 22 1922 Raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.
41.90	Draw, 40 ft. below ¼ sec. cor., drains NW. Continue over level bottom land.
44.90	Wash, 40 lks. wide, 1½ ft. deep, in bottom of large, rocky draw, drains WSW. Asc. SE. slope along W. side of draw, draining S.
45.70	Road, bears ENE. to Watson and WSW. to Willow Creek.
59.00	Continue ascent over broken SE. slope.
73.00	Spur, 220 ft. above wash in bottom of large draw, projects SSW. Continue along gentle W. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 15, 16, 21, and 22, with brass cap marked T 12 S R 23 E S 16 | S 15 S 21 | S 22 1922 Raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.

Land, broken hills.
Soil, sandy, rocky, on shale and sandstone base.
Timber, scattering cedar and pinon along first 35½ chs. Remainder of mile, none.
Undergrowth, shadscale, sagebrush, and scattering bunch grass. Fair grazing.

S. 89° 54' E., on random line bet. secs. 15 and 22.

40.00	Set temp. ¼ sec. cor.

Subdivision of T. 12 S., R. 23 E.

Chains.	
79.94	Intersect N. and S. line, 19 lks. S. of the cor. of secs. 14, 15, 22, and 23:
	Thence
	S. 89° 58' W., on a true line bet. secs. 15 and 22.
	Over rolling hills through medium undergrowth.
	Asc. SE. slope.
13.00	Spur, 110 ft. above sec. cor., projects SW. Desc. NW. slope.
21.20	Small draw, 120 ft. below top of spur, drains SSW. Asc. ESE. slope.
26.20	Spur, 70 ft. above small draw, projects SSW. Desc. WNW. slope.
28.20	Small draw, 20 ft. below top of spur, drains SW. Asc. SE. slope.
30.80	Spur, 40 ft. above small draw, projects SSW. Desc. WNW. slope.
32.90	Small draw, 60 ft. below top of spur, drains S. Asc. E. slope.
35.20	Spur, 60 ft. above small draw, projects SSW. Desc. WNW. slope.
39.20	Draw, 60 ft. below top of spur, drains S. Asc. E. slope.
39.97	On E. slope, 10 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}\frac{\text{S 15}}{\text{S 22}}$ 1922 Raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
43.80	Spur, 90 ft. above $\frac{1}{4}$ sec. cor., projects S. 10° E. Desc. over W. slope.
51.70	Draw, 150 ft. below top of spur, drains S. Asc. E. slope.
55.70	Spur, 150 ft. above draw, projects S. Desc. W. slope.
60.20	Draw, 40 ft. below top of spur, drains SSW. Asc. ESE.

Chains.	
	slope.
63.60	Spur, 90 ft. above draw, projects SSW. Desc. SW.
	slope over point of same.
73.70	Head of small draw, 30 ft. below top of spur, drains S.
	Asc. SE. slope.
76.60	Spur, 30 ft. above draw, projects SSW. Desc. gentle W.
	slope.
79.94	The cor. of secs. 15, 16, 21, and 22, on gentle W. slope,
	10 ft. below top of spur.
	Land, rolling hills. Soil, rocky, sandy, on shale and sandstone base. Timber, none. Undergrowth, shadscale, black sagebrush, and thinly scattering bunch grass. Fair grazing.
	N. 0° 08' W., bet. secs. 15 and 16.
	Over rolling hills through medium undergrowth.
	Desc. along W. slope.
4.00	Head of draw, 10 ft. below sec. cor., drains SW. Asc. SE.
	slope.
7.50	Spur, 10 ft. above head of draw, projects SW. Desc. NW.
	slope.
14.00	Draw, 50 ft. below top of spur, drains SW. Asc. SE. slope.
17.50	Small spur, 10 ft. above draw, projects SW. Desc. NW.
	slope.
27.30	Shallow wash, 10 lks. wide, 1 ft. deep, in bottom of
	swale, 10 ft. below top of small spur, drains SW.
	Asc. along W. side of same over gentle E. slope. Enter
	scattering timber, bears E. and W.
40.00	On gentle E. slope, 40 ft. above wash, set an iron post,
	3 ft. long, 1 in. diam., 27 ins. in the ground, for
	the ¼ sec. cor., with brass cap marked
	¼ S 16 | S 15 1922
	from which

Chains.	
	A juniper, 7 ins. diam., bears S. 87° E., 19 lks. dist., marked ¼ S 15 B T . .
	A juniper, 5 ins. diam., bears S. 22° W., 41 lks. dist., marked ¼ S 16 B T .
55.00	Head of same wash, 10 ft. above ¼ sec. cor., drains S. 15° E. Asc. S. slope.
72.00	Ridge, 160 ft. above head of wash, bears E. and W. Desc. N. slope
80.00	In head of small draw, draining N., 40 ft. below top of ridge, set an iron post, 3 ft. long, 2 ins. diam., 27 ins in the ground, for the cor. of secs. 9, 10, 15, and 16, with brass cap marked

T 12 S | R 23 E
S 9 | S 10
S 16 | S 15
1922

from which

A juniper, 3 ins. diam., bears N. 18½° E., 2.62 chs. dist., marked B T only.

A juniper, 10 ins. diam., bears S. 84° E., 1.75 chs. dist., marked T 12 S R 23 E S 15 B T.

A juniper, 8 ins. diam., bears S. 22¾° W., 2.52 chs. dist., marked T 12 S R 23 E S 16 B T.

A juniper, 8 ins. diam., bears N. 52° W., 2.78 chs. dist., marked T 12 S R 23 E S 9 B T.

Land, rolling hills.
Soil, rocky, sandy, on shale and sandstone base.
Timber, none along first 27 chs. Remainder of mile, scattering juniper and pinon.
Undergrowth, shadscale, black sagebrush, and scattering bunch grass. Fair grazing.

N. 89° 58' E., on random line bet. secs. 10 and 15.

40.00 Set temp. ¼ sec. cor.

79.82 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 10, 11, 14, and 15.

Thence

S. 89° 54' W., on a true line bet. secs. 10 and 15.

Chains.	
	Over rolling mountainous land through scattering timber and medium undergrowth.
	Asc. ENE. slope.
8.60	Ridge, 30 ft. above sec. cor., bears NNW. and SSE. Desc. WSW. slope.
18.30	Draw, 90 ft. below top of ridge, drains NW. Asc. NE. slope.
21.00	Point of spur, 20 ft. above draw, projects N. Desc. W. slope, 10 chs., thence along N. slope.
39.91	On N. slope, 60 ft. below point of spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 10 / S 15 1922 from which A pinon, 6 ins. diam., bears S. 47¼° W., 62 lks. dist., marked ¼ S 15 B T . A juniper, 16 ins. diam., bears N. 19¼° W., 68 lks. dist., marked ¼ S 10 B T .
48.00	Small draw, 50 ft. below ¼ sec. cor., drains NNW. Asc. very gentle NE. slope.
50.80	Small spur, 10 ft. above small draw, projects NNW. Desc. WSW. slope.
53.30	Small draw, 20 ft. below top of small spur, drains N. Asc. gentle NNE. slope.
60.10	Point of small spur, 20 ft. above small draw, projects NNW. Desc. WNW. slope.
79.82	The cor. of secs. 9, 10, 15, and 16, in head of small draw, 90 ft. below point of small spur.
	Land, rolling mountainous. Soil, rocky, sandy, on shale and sandstone base. Timber, scattering juniper and pinon. Undergrowth, shadscale, black sagebrush, and scattering bunch grass. Fair grazing.

Chains.

N. 0° 08' W., bet. secs. 9 and 10.

Over mountainous land through scattering timber and medium undergrowth.

Desc. along W. slope.

24.40 Wash, 15 lks. wide, 2 ft. deep, in bottom of large draw, 100 ft. below sec. cor., drains W. Asc. along W. side of draw, draining S.

40.00 On gentle E. slope, 40 ft. above wash in bottom of draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

¼
S 9 | S 10
1922

from which

A juniper, 6 ins. diam., bears N. 14° E., 1.02 chs. dist., marked ¼ S 10 B T.

A juniper, 5 ins. diam., bears N. 80° W., 72 lks. dist., marked ¼ S 9 B T.

50.00 Foot of abrupt ascent, 50 ft. above ¼ sec. cor., bears NE. and SW. Leave gentle E. slope. Asc. SE. slope over shale and sandstone outcroppings.

53.50 Ridge, 80 ft. above foot of abrupt ascent, bears NE. and SW. Desc. NW. slope.

59.00 Head of draw, 20 ft. below top of ridge, drains W. Asc. S. slope.

69.00 Point of spur, 40 ft. above head of draw, projects WSW. Desc. NNW. slope.

72.40 Head of draw, 40 ft. below top of spur, drains WSW. Asc. SE. slope.

76.20 Short spur, 70 ft. above head of draw, projects SW. Desc. NW. slope.

80.00 In head of small draw, 30 ft. below top of short spur, near top of ridge, set an iron post, 3 ft. long, 2 ins.

Chains	
	diam., 6 ins. in the ground, to bedrock, supported by a large mound of stone, for the cor. of secs. 3, 4, 9, and 10, with brass cap marked T 12 S R 23 E S 4 | S 3 S 9 | S 10 1922
	Deposit a sandstone memorial, 8 x 6 x 6 ins., marked with cross (X), at base of post. No bearing trees available.
	Land, mountainous. Soil, rocky, sandy, on shale and sandstone base. Timber, scattering juniper and pinon: Undergrowth, shadscale, black sagebrush, and scattering bunch grass. Fair grazing.
	N. 89° 54' E., on random line bet. secs. 3 and 10.
40.00	Set temp. ¼ sec. cor.
79.72	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 2, 3, 10, and 11.
	Thence
	S. 89° 52' W., on a true line bet. secs. 3 and 10.
	Over mountainous land through scattering timber and medium undergrowth.
	Asc. gentle E. slope.
8.70	Foot of abrupt ascent, 50 ft. above sec. cor., bears NE. and SW. Continue ascent over broken NE. slope.
19.20	Point of spur, 130 ft. above foot of abrupt ascent, projects ESE. Continue along broken S. slope.
29.20	Head of draw, drains ESE. Asc. ENE. slope.
35.30	Break of ridge, 130 ft. above head of draw, bears NNW. and SSE. Continue over level top of same.
39.10	Break of ridge, bears N. and S. Desc. gentle W. slope.
39.86	On gentle W. slope, 20 ft. below top of ridge, set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, to bedrock, supported by a large mound of stone, for the ¼ sec. cor., with brass cap marked

Subdivision of T. 12 S., R. 23 E.

Chains	
	$\frac{1}{4}$ S 3 / S 10 1922
	from which
	A cedar, 14 ins. diam., bears S. 37¾° W., 16 lks. dist., marked ¼ S 10 B T .
	A cedar, 12 ins. diam., bears N. 46½° W., 32 lks. dist., marked ¼ S 3 B T .
50.00	Draw, 30 ft. below ¼ sec. cor., drains N. 15° W. Asc. NE. slope.
57.40	Ridge, 20 ft. above draw, bears NW. and SE. Desc. SW. slope.
60.90	Head of draw, 50 ft. below top of ridge, drains SW. Asc. SE. slope.
63.30	Same ridge, 50 ft. above head of draw, bears W. and NE. Asc. along top of same.
76.40	Leave top of ridge, 50 ft. above last point, bears NW. and E.
79.72	The cor. of secs. 3, 4, 9, and 10, in head of draw, 110 ft. below top of ridge.
	Land, mountainous. Soil, sandy, rocky, on sandstone and shale base. Timber, scattering pinon and cedar. Undergrowth, shadscale, sagebrush, and scattering bunch grass. Fair grazing.
	N. 0° 02' W., on random line bet. secs. 3 and 4.
40.00	Set temp. ¼ sec. cor.
80.20	Intersect the N. boundary of the township 30 lks. E. of the cor. of secs. 3, 4, 33, and 34, hereinbefore described.
	Thence
	S. 0° 15' E., on a true line bet. secs. 3 and 4.
	Over mountainous land through scattering timber and medium undergrowth.
	Desc. SW. slope.
10.60	Road, bears NW. to Bitter Creek and SE. to Watson.

Chains	
13.10	Draw, 30 ft. below sec. cor., drains NW. Asc. along gentle E. slope.
40.20	On gentle E. slope, 70 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 4 | S 3 1922 from which A juniper, 6 ins. diam., bears S. 41° E., 58 lks. dist., marked ¼ S 3 B T . A juniper, 12 ins. diam., bears N. 63½° W., 33 lks. dist., marked ¼ S 4 B T .
60.20	Foot of abrupt ascent, 60 ft. above ¼ sec. cor., bears NW. and SE. Asc. NE. slope.
74.10	Ridge, 100 ft. above foot of abrupt ascent, bears NW. and SE. Desc. abrupt SW. slope.
80.20	The cor. of secs. 3, 4, 9, and 10, in head of small draw, draining SW., 90 ft. below top of ridge.

Land, mountainous.
Soil, rocky, sandy, on shale and sandstone base.
Timber, scattering pinon and juniper.
Undergrowth, shadscale, scattering sagebrush, and thinly scattering bunch grass. Fair grazing.

From the cor. of secs. 4, 5, 32, and 33, on the S. boundary of the township, which is an iron post, firmly set, marked and witnessed as described in the notes of the survey of T. 13 S., R. 23 E.

N. 0° 09' W., bet. secs. 32 and 33.

Over rolling, broken mountainous land through scattering timber and medium undergrowth.

Desc. N. slope.

4.20	Draw, 70 ft. below sec. cor., drains NE. Asc. S. slope.
12.40	Point of spur, 150 ft. above draw, projects E. Desc. NNE.

Chains.

slope.

25.50 Draw, 180 ft. below point of spur, drains NE. Asc. SE. slope.

37.50 Spur, 210 ft. above draw, projects NE. Desc. N. slope over point of same.

40.00 On N. slope, 60 ft. below point of spur, set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked

¼
S 32 | S 33
1922

from which

A pinon, 6 ins. diam., bears N. 22¼° E., 37 lks. dist., marked ¼ S 33 B T .

A pinon, 18 ins. diam., bears N. 79° W., 87 lks. dist., marked ¼ S 32 B T .

50.70 Draw, 170 ft. below ¼ sec. cor., drains ENE. Asc. over broken SSE. slope.

67.70 Spur, 240 ft. above draw, projects NE, Continue along E. slope of small spur, projecting N. Desc. slightly.

74.90 Point of same small spur, 30 ft. below top of main spur, projects NE. Desc. N. slope over point of same.

80.00 On N. slope, 110 ft. below point of spur, set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 28, 29, 32, and 33, with brass cap marked

T 12 S | R 23 E
S 29 | S 28
S 32 | S 33
1922

from which

A pinon, 8 ins. diam., bears N. 51½° E., 2.42 chs. dist., marked T 12 S R 23 E S 28 B T .

Chains.	
	A pinon, 7 ins. diam., bears S. 41¾° E., 28 lks. dist., marked T 12 S R 23 E S 33 B T .
	A cedar, 12 ins. diam., bears S. 83¾° W., 76 lks. dist., marked T 12 S R 23 E S 32 B T .
	A pinon, 6 ins. diam., bears N. 54¾° W., 75 lks. dist., marked T 12 S R 23 E S 29 B T .
	Land, rolling, broken mountainous. Soil, sandy, rocky, on shale and sandstone base. Timber, scattering cedar and pinon. Undergrowth, shadscale, sagebrush, and scattering bunch grass. Fair grazing.
	East, on random line bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, 12 lks. N. of the cor. of secs. 27, 28, 33, and 34.
	Thence
	N. 89° 55' W., on a true line bet. secs. 28 and 33.
	Over rolling, broken mountainous land through scattering timber and medium undergrowth.
	Asc. along N. slope.
12.00	Top of ascent, 60 ft. above sec. cor. Desc. along N. slope.
28.00	Top of sandstone rimrock, 30 ft. high, 20 ft. below top of ascent, faces NW. Desc. NW. slope.
33.60	Rocky draw, 80 ft. below top of sandstone rimrock, drains SW. Asc. rocky SE. slope.
35.80	Top of ascent, 80 ft. above draw, bears NE. and SW. Desc. gentle SW. slope.
40.00	On gentle SW. slope, 40 ft. below top of ascent, set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 28 / S 33 1922 from which

Subdivision of T. 12 S., R. 23 E.

Chains	
	A cedar, 8 ins.diam., bears S. 80° E., 1.25 chs. dist., marked ¼ S 33 B T .
	No other bearing tree available.
	Continue descent over broken SW. slope.
53.70	Foot of descent, 190 ft. below ¼ sec. cor., bears NW. and SE. Continue over level bottom land.
59.20	Bitter Creek, 20 lks. wide, 8 ins. deep, flows NW. Continue over level bottom land.
61.40	Foot of abrupt ascent, bears NW. and SE. Asc. NE. slope.
63.10	Road, bears NW. and SE.
67.70	Point of spur, 180 ft. above foot of abrupt ascent, projects NNE. Desc. NW. slope over point of same.
70.70	Draw, 40 ft. below top of spur, drains NE. Asc. SE. slope.
75.00	Slope changes to N. Continue ascent along point of spur.
80.00	The cor. of secs. 28, 29, 32, and 33, on N. slope, 80 ft. above draw.
	Land, rolling, broken mountainous. Soil, sandy, rocky, on shale and sandstone base. Timber, scattering cedar and pinon. Undergrowth, shadscale, sagebrush, greasewood, and scattering bunch grass. Fair grazing.
	N. 0° 09' W., bet. secs. 28 and 29.
	Over broken mountainous land through very thinly scattering timber amd medium undergrowth.
	Desc. N. slope.
1.90	Draw, 40 ft. below sec. cor., drains ENE. Asc. SE. slope over point of spur.
8.00	Spur, 130 ft. above draw, projects E. Desc. N. slope.
25.70	Small draw, 250 ft. below top of spur, drains E. Asc. S. slope.
30.40	Small spur, 50 ft. above draw, projects E. Desc. N. slope.
40.00	On N. slope, 50 ft. below top of small spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

Subdivision of T. 12 S. , R. 23 E.

Chains	
	$\frac{1}{4}$ S 29 | S 28 1922
	Raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No bearing trees available.
40.25	Draw, 10 ft. below $\frac{1}{4}$ sec. cor., drains E. Asc. SSE. slope.
48.20	Point of spur, 40 ft. above draw, projects ENE. Desc. NNW. slope.
52.90	Road, bears E. to Watson and W. to Willow Creek.
53.10	Wash, 20 lks. wide, 3 ft. deep, in bottom of rocky draw, 110 ft. below point of spur, drains E. Asc. rocky S. slope.
60.50	Short spur, 180 ft. above wash in bottom of draw, projects E. Desc. N. slope.
65.00	Draw, 180 ft. below top of spur, drains E. Asc. SE. slope.
74.00	Spur, 80 ft. above draw, projects NE. Desc. NW. slope.
78.90	Head of small draw, 150 ft. below top of spur, drains NE. Asc. along E. slope.
80.00	On E. slope, 10 ft. above head of draw, set an iron post, 3 ft. long, 2 ins. diam., on exposed bedrock, supported by a large mound of stone, for the cor. of secs. 20, 21, 28, and 29, with brass cap marked T 12 S | R 23 E. S 20 | S 21 S 29 | S 28 1922 from which A pinon, 4 ins. diam., bears N. $34\frac{3}{4}°$ E., 1.80 chs. dist., marked T 12 S R 23 E S 21 B T . A juniper, 10 ins. diam., bears S. $41\frac{1}{2}°$ E., 1.21 chs. dist., marked T 12 S R 23 E S 28 B T . A juniper, 5 ins. diam., bears S. $22\frac{1}{2}°$ W., 1.54 chs. dist., marked T 12 S R 23 E S 29 B T . No other bearing tree available.
	Land, broken mountainous. Soil, rocky, sandy, on shale and sandstone base. Timber, very thinly scattering pinon and juniper.

Chains.	
	Undergrowth, shadscale and scattering black sagebrush. Fair grazing.
	S. 89° 55' E., on random line bet. secs. 21 and 28.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 21, 22, 27, and 28.
	Thence
	N. 89° 52' W., on a true line bet. secs. 21 and 28.
	Over rolling mountainous land through scattering timber and medium undergrowth.
	Desc. W. slope.
4.00	Small draw, 80 ft. below sec. cor., drains NNE. Asc. ENE. slope.
15.60	Spur, 30 ft. above draw, projects NNW. Desc. WSW. slope.
24.00	Head of small draw, 70 ft. below top of spur, drains NNW. Asc. ENE. slope.
29.30	Spur, 30 ft. above head of small draw, projects NNW. Desc. WSW. slope.
37.40	Draw, 130 ft. below top of spur, drains NW. Asc. NE. slope.
40.03	On NE. slope, 70 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., on exposed bedrock, supported by a large mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 21 / S 28 1922
	from which
	A juniper, 8 ins. diam., bears N. 80° E., 2.74 chs. dist., marked ¼ S 21 B T.
	A juniper, 6 ins. diam., bears S. 79½° E., 2.98 chs. dist., marked ¼ S 28 B T.
41.40	Point of small spur, 60 ft. above ¼ sec. cor., projects N. Desc. NW. slope over point of same.
50.70	Top of abrupt descent, 100 ft. below point of spur, bears NW. and SE. Continue descent over abrupt SW. slope.

Chains.	
60.00	Road, bears N. to Watson and S. to Willow Creek.
66.10	Bitter Creek, 8 lks wide, 1 ft. deep, 290 ft. below top of abrupt descent, flows N. Continue over level bottom land through heavy growth of greasewood.
70.00	Foot of abrupt ascent, bears N. and S. Asc. E. slope over point of spur.
74.00	Spur, 70 ft. above foot of abrupt ascent, projects NE. Desc. NW. slope.
78.00	Small draw, 10 ft. below top of spur, drains NE. Asc. E. slope.
80.06	The cor. of secs. 20, 21, 28, and 29, on E. slope, 10 ft. above small draw.
	Land, rolling mountainous. Soil, sandy, rocky, on shale and sandstone base. Timber, scattering pinon and juniper. Undergrowth, shadscale, black sagebrush, and greasewood. Fair grazing.
	N. 0° 09' W., bet. secs. 20 and 21.
	Over broken mountainous land through medium undergrowth.
	Desc. along E. slope.
14.00	Foot of descent, 90 ft. below sec. cor., bears NW. and SE. Continue over level bottom land through heavy growth of greasewood and Russian thistle.
23.50	Bitter Creek, 8 lks. wide, 1 ft. deep, flows NNW.
31.70	Recross Bitter Creek, flows NE.
33.10	Recross Bitter Creek, flows NNW.
40.00	On level bottom land, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 20 | S 21 1922 Raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.
40.20	Old road, bears NNW. and SSE.

Chains.	
47.00	Shallow wash, drains W.
50.00	Foot of abrupt ascent, bears NW. and SE. Leave greasewood and Russian thistle. Asc. rocky S. slope over shale outcroppings.
59.10	Spur, 280 ft. above foot of abrupt ascent, projects W. Desc. N. slope.
70.00	Shallow wash in bottom of canyon, 250 ft. below top of spur, drains WNW. Asc. S. slope over series of small shale ledges.
76.00	Spur, 230 ft. above wash in bottom of canyon, projects W. Desc. slightly over top of same. Enter thinly scattering timber, bears E. and W.
80.00	On top of high spur, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 16, 17, 20, and 21, with brass cap marked

T 12 S	R 23 E
S 17	S 16
S 20	S 21

1922

from which

A juniper, 8 ins. diam., bears S. 20° E., 1.99 chs. dist., marked T 12 S R 23 E S 21 B T.

A juniper, 8 ins. diam., bears S. 3½° W., 2.17 chs. dist., marked T 12 S R 23 E S 20 B T.

No other bearing trees available.

Land, broken mountainous.
Soil, rocky, sandy, on shale and sandstone base.
Timber, thinly scattering juniper and pinon along last 4 chs. Remainder of mile, none.
Undergrowth, shadscale, black sagebrush, greasewood, and Russian thistle. Fair grazing.

S. 89° 52' E., on random line bet. secs. 16 and 21.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect N. and S. line, 12 lks. S. of the cor. of secs. 15, 16, 21, and 22.

Thence

Chains.	
	N. 89° 57' W., on a true line bet. secs. 16 and 21.
	Over rolling mountainous land through medium undergrowth.
	Desc. W. slope.
2.00	Head of draw, 20 ft. below sec. cor., drains SSW. Asc. SE. slope.
9.30	Spur, 30 ft. above head of draw, projects SW. Desc. NW. slope.
20.00	Draw, 130 ft. below top of spur, drains SW. Continue descent.
21.00	Same draw, 10 ft. below last point, drains NW. Asc. NE. slope.
25.00	Spur, 50 ft. above draw, projects WNW. Desc. SSW. slope.
36.20	Rocky draw, 130 ft. below top of spur, drains WSW. Continue over level land.
39.38	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the ¼ sec. cor., with brass cap marked
	$WC\frac{1}{4}\ \frac{S\ 16}{S\ 21}$ 1922
	Raise a mound of stone, 2½ ft. base, 1½ ft. high, N. of cor.
40.03	True point for the ¼ sec. cor. falls in bottom of shallow wash, draining S. Impracticable to set monument at this point. Asc. along SE. slope.
50.60	Spur, 30 ft. above true point for ¼ sec. cor., projects SW. Desc. W. slope over point of same.
55.30	Draw, 130 ft. below top of spur, drains SW. Asc. SE. slope.
68.50	Spur, 190 ft. above draw, projects WSW. Desc. NNW. slope along top of same. Enter thinly scattering timber, bears NE. and WSW.
80.06	The cor. of secs 16, 17, 20, and 21, 80 ft. below last point.

Chains.

Land, rolling mountainous.
Soil, rocky, sandy, on shale and sandstone base.
Timber, thinly scattering juniper and pinon along last 11½ chs. Remainder of mile, none.
Undergrowth, shadscale, black sagebrush, and scattering bunch grass. Fair grazing.

N. 0° 09' W., bet. secs. 16 and 17.

Over broken mountainous land through scattering timber and medium undergrowth.

Desc. from top of spur, over NW. slope.

6.00 Small draw, 100 ft. below sec. cor., drains WSW. Asc. broken SSE. slope.

10.00 Top of sandstone ledge, 80 ft. high, 200 ft. above draw, faces SSE. Continue ascent.

11.50 Spur, 30 ft. above top of sandstone ledge, projects WSW. Desc. NNW. slope.

16.50 Draw, 70 ft. below top of spur, drains WSW. Asc. SE. slope.

21.90 Spur, 120 ft. above draw, projects SW. Desc. NW. slope.

29.90 Draw, 120 ft. below top of spur, drains SW. Asc. SE. slope.

40.00 On SE. slope, 100 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked

¼
S 17 | S 16
1922

from which

A cedar, 6 ins. diam., bears N. 57¼° E., 92 lks. dist., marked ¼ S 16 B T .

A cedar, 6 ins.diam., bears N. 41° W., 1.26 chs. dist., marked ¼ S 17 B T .

50.30 Spur, 20 ft. above ¼ sec. cor., projects SW. Desc. gentle NW. slope.

59.90 Draw, 30 ft. below top of spur, drains SW. Asc. gentle

Chains.

S. slope.

79.30 Ridge, 40 ft. above draw, bears E. and W. Desc. N. slope.

80.00 On N. slope, 10 ft. below top of ridge, set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground, supported by a mound of stone, for the cor. of secs. 8, 9, 16, and 17, with brass cap marked

T 12 S	R 23 E
S 8	S 9
S 17	S 16

1922

from which

A pinon, 12 ins. diam., bears N. 49¼° E., 51 lks. dist., marked T 12 S R 23 E S 9 B T .

A pinon, 6 ins. diam., bears S. 79¼° E., 44 lks. dist., marked T 12 S R 23 E S 16 B T .

A pinon, 16 ins. diam., bears S. 2½° W., 40 lks. dist., marked T 12 S R 23 E S 17 B T .

A cedar, 6 ins. diam., bears N. 49¾° W., 1.08 chs. dist., marked T 12 S R 23 E S 8 B T .

Land, broken mountainous.
Soil, sandy, rocky, on shale and sandstone base.
Timber, scattering pinon, juniper, and cedar.
Undergrowth, shadscale, sagebrush, and scattering bunch grass. Fair grazing.

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

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 9, 10, 15, and 16.

Thence

N. 89° 53' W., on a true line bet. secs. 9 and 16.

Over rolling, broken mountainous land through scattering timber and medium undergrowth.

Asc. ENE, slope.

7.60 Spur, 20 ft. above sec. cor., projects NNW. Desc. gentle W. slope.

18.00 Small draw, 90 ft. below top of spur, drains N. Asc. gentle

Chains.	
	ENE. slope.
26.20	Spur, 40 ft. above draw, projects NNW. Desc. WSW. slope.
33.40	Head of small draw, 70 ft. below top of spur, drains NW. Asc. gentle NE. slope.
40.00	On gentle NE. slope, 20 ft. above head of small draw, set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 9 / S 16 1922 from which A cedar, 14 ins. diam., bears S. 3¼° W., 1.11 chs. dist., marked ¼ S 16 B T. A cedar, 16 ins. diam., bears N. 12° W., 2.61 chs. dist., marked ¼ S 9 B T.
41.00	Spur, 10 ft. above ¼ sec. cor., projects NNW. Desc. WSW. slope.
50.90	Head of draw, 120 ft. below top of spur, drains WNW. Asc. slightly over NNE. slope.
54.00	Ridge, 10 ft. above head of draw, bears ESE. and W. Desc. slightly along N. side of same.
80.00	The cor. of secs. 8, 9, 16, and 17, on N. slope, 20 ft. below top of ridge.

Land, rolling, broken mountainous.
Soil, sandy, rocky, on shale and sandstone base.
Timber, scattering pinon, juniper, and cedar.
Undergrowth, shadscale, sagebrush, and scattering bunch grass. Fair grazing.

N. 0° 09' W., bet. secs. 8 and 9.

Over rolling mountainous land through medium dense growth of small timber and medium undergrowth.

	Desc. N. slope.
16.80	Draw, 100 ft. below sec. cor., drains W. Asc. S. slope. Leave medium dense growth of small timber. Enter

Chains.	
	scattering timber, bears E. and W.
19.50	Point of spur, 30 ft. above draw, projects W. Desc. NW. slope over point of same.
23.80	Draw, 40 ft. below point of spur, drains S. 80° W. Asc. S. slope.
27.90	Spur, 60 ft. above draw, projects WSW. Desc. gentle NNW. slope.
33.10	Wash, 20 lks. wide, 5 ft. deep, in bottom of large draw, drains WSW. Wash is 20 ft. below top of spur. Asc. gentle S. slope.
40.00	On gentle S. slope, 40 ft. above wash in bottom of large draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 8 | S 9 1922 from which A cedar, 8 ins. diam., bears S. 58½° E., 24 lks. dist., marked ¼ S 9 B T . A cedar, 10 ins. diam., bears N. 6° W., 33 lks. dist., marked ¼ S 8 B T .
61.20	Ridge, 126 ft. above ¼ sec. cor, bears ENE. and WSW. Desc. N. slope.
73.20	Draw, 80 ft. below top of ridge, drains NW. Asc. SSW. slope.
80.00	On top of spur, 60 ft. above draw, projecting WNW., set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 4, 5, 8, and 9, with brass cap marked T 12 S R 23 E S 5 | S 4 S 8 | S 9 1922 from which

Chains.

A cedar, 8 ins. diam., bears N. 53½° E., 31 lks. dist., marked T 12 S R 23 E S 4 B T.

A cedar, 6 ins. diam., bears S. 35½° E., 76 lks. dist., marked T 12 S R 23 E S 9 B T.

A pinon, 8 ins. diam., bears N. 66¾° W., 66 lks. dist., marked T 12 S R 23 E S 5 B T.

No other bearing tree available.

Land, rolling mountainous.
Soil, sandy, rocky, on shale base.
Timber, scattering and medium dense growth of pinon and cedar.
Undergrowth, shadscale, sagebrush, and scattering bunch grass. Fair grazing.

S. 89° 53' E., on random line bet. secs. 4 and 9.

40.00 Set temp. ¼ sec. cor.

80.08 Intersect N. and S. line, 19 lks. N. of the cor. of secs. 3, 4, 9, and 10.

Thence

N. 89° 45' W., on a true line bet. secs. 4 and 9.

Over mountainous land through scattering timber and medium undergrowth.

Desc. NW. slope.

1.30 Head of draw, 30 ft. below sec. cor., drains SW. Asc. SE. slope.

5.80 Spur, 30 ft. above head of draw, projects SW. Continue along N. side of knoll.

14.00 Top of descent, bears NW. and SE. Desc. SW. slope.

40.04 On SW. slope, 320 ft. below top of descent, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

S 4
¼
S 9
1922

from which

A cedar, 8 ins. diam., bears S. 76½° W., 1.23 chs.

Chains	
	dist., marked ¼ S 9 B T .
	A cedar, 7 ins. diam., bears N. 71¼° W., 1.14 chs.
	dist., marked ¼ S 4 B T .
40.30	Draw, 10 ft. below ¼ sec. cor., drains NNW. Asc. NE. slope.
57.20	Spur, 50 ft. above draw, projects NW. Desc. W. slope over point of same.
80.08	The cor. of secs. 4, 5, 8; and 9, on top of small spur, 60 ft. below top of spur to E.
	Land, mountainous. Soil, sandy, rocky, on shale and sandstone base. Timber, scattering cedar and pinon. Undergrowth, shadscale, sagebrush, and scattering bunch grass. Fair grazing.
	N. 0° 15' W., on random line bet. secs. 4 and 5.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect the N. boundary of the township 2 lks. W. of the cor. of secs. 4, 5, 32, and 33, hereinbefore described.
	Thence
	S. 0° 14' E., on a true line bet. secs. 4 and 5.
	Over mountainous land through scattering timber and medium undergrowth.
	Asc. slightly along W. slope.
10.20	Draw, 20 ft. above sec. cor., drains N. 10° W. Asc. NE. slope. along W. side of draw.
40.02	On top of ridge, bearing WNW. and ESE., 220 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 5 | S 4 1922 from which

Chains.	
	A pinon, 6 ins. diam., bears N. 75¾° E., 77 lks. dist., marked ¼ S. 4 B T.
	A pinon, 6 ins. diam., bears N. 28¼° W., 67 lks. dist., marked ¼ S 5 B T.
	Desc. SSW. slope.
40.80	Top of sandstone ledge, 10 ft. high, 20 ft. below top of ridge, faces S.
43.00	Leave scattering timber. Enter medium dense growth of timber, bears WNW. and ESE.
58.90	Leave medium dense growth of timber. Enter scattering timber, bears E. and W.
73.50	Draw, 210 ft. below top of ridge, drains W. Asc. NW. slope over point of spur.
80.02	The cor. of secs. 4, 5, 8, and 9, on top of small spur, 80 ft. above draw.
	Land, mountainous. Soil, sandy, rocky, on sandstone and shale base. Timber, scattering and medium dense growth of cedar, pinon, and juniper. Undergrowth, shadscale, sagebrush, and scattering bunch grass. Fair grazing.

	From the cor. of secs. 5, 6, 31, and 32, on the S. boundary of the township, which is an iron post, firmly set, marked and witnessed as described in the notes of the survey of T. 13 S., R. 23 E.
	N. 0° 09' W., bet. secs. 31 and 32.
	Over rolling land through scattering timber and medium undergrowth.
	Asc. SE. slope.
10.00	Spur, 120 ft. above sec. cor., projects NE. Desc. NW. slope.
27.10	Draw, 220 ft. below top of spur, drains NE. Asc. SE. slope.
29.70	Small spur, 30 ft. above draw, projects NE. Desc. NW. slope.

Chains.	
32.10	Draw, 40 ft. below top of spur, drains ENE. Asc. SSE. slope.
36.00	Spur, 60 ft. above draw, projects ENE. Desc. NNW. slope.
40.00	On NNW. slope, 20 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 31 | S 32 1922 from which A juniper, 6 ins. diam., bears S. 28½° E., 1.47 chs. dist., marked ¼ S 32 B T . A pinon, 5 ins. diam., bears S. 26¼° W., 1.43 chs. dist., marked ¼ S 31 B T .
46.50	Draw, 60 ft. below ¼ sec. cor., drains E. Asc. SSE. slope.
58.70	Spur, 100 ft. above draw, projects ENE. Desc. NNW. slope.
63.70	Head of small draw, 40 ft. below top of spur, drains NE. Asc. slightly over SE. slope.
70.80	Spur, 10 ft. above head of draw, projects NE. Desc. NW. slope.
79.00	Road, bears NE. to Watson and SW. to Willow Creek.
79.80	Center of wash, 40 lks. wide, 5 ft. deep, in bottom of large draw, 170 ft. below top of spur, drains NE.
80.00	True point for the cor. of secs. 29, 30, 31, and 32 falls in bottom of wash. Impracticable to set monument at this point. For description of the witness cor. to the cor. of secs. 29, 30, 31, and 32 see beginning of notes of line bet. secs. 29 and 30.

Land, rolling.
Soil, sandy, rocky, on shale base.
Timber, scattering pinon and juniper.
Undergrowth, shadscale and scattering black sagebrush.
Fair grazing.

Chains.

From the true point for the cor. of secs. 29, 30, 31, and 32.

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

[illegible] Set temp. ¼ sec. cor.

[illegible] Intersect the cor. of secs. 28, 29, 32, and 33.

Thence

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

Over rolling land through very thinly scattering timber and medium undergrowth.

Desc. slightly along N. slope.

[illegible] Small draw, 20 ft. below sec. cor., drains NNE. Asc. E. slope over point of spur.

[illegible] Point of spur, 130 ft. above small draw, projects NNE. Desc. WNW. slope.

13.[illegible] Draw, 80 ft. below point of spur, drains NE. Asc. E. slope.

18.1[illegible] Spur, 100 ft. above draw, projects N. Desc. very slightly over W. slope.

[illegible].1[illegible] Draw, 10 ft. below top of spur, drains NNE. Asc. E. slope.

[illegible] On top of spur, projecting NNE., 170 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

S 29
S 32
1922

from which

A pinon, 12 ins. diam., bears N. 68° E., 2.21 chs. dist., marked S 29 B T.

A juniper, 6 ins. diam., bears S. 72½° W., 1.30 chs. dist., marked S 32 B T.

Desc. W. slope.

[illegible] Draw, 100 ft. below top of spur, drains N. Asc. E. slope.

[illegible] Spur, 80 ft. above draw, projects N. Desc. WNW. slope.

60.60 Draw, 60 ft. below top of spur, drains NE. Asc. SE.

Chains.	
	slope.
65.50	Spur, 100 ft. above draw, projects NE. Desc. NW. slope.
79.20	Road, bears NE. to Watson and SW. to Willow Creek.
80.04	True point for the cor. of secs. 29, 30, 31, and 32, in bottom of wash, 70 ft. below top of spur.
	Land, rolling. Soil, rocky, sandy, on sandstone and shale base. Timber, very thinly scattering pinon, juniper, and cedar. Undergrowth, shadscale and scattering black sagebrush. Fair grazing.
	From true point for the cor. of secs. 29, 30, 31, and 32.
	West, on random line bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
77.27	Intersect the W. boundary of the township 12 lks. N. of the cor. of secs. 25, 30, 31, and 36, hereinbefore described.
	Thence
	N. 89° 55' E., on a true line bet. secs. 30 and 31.
	Over rolling hills through scattering timber and medium undergrowth.
	Desc. over point of small spur, projecting E.
5.40	Small swale, 30 ft. below sec. cor., drains NE. Asc. gentle NW. slope.
7.70	Low spur, 10 ft. above swale, projects NNE. Desc. gentle E. slope over point of same.
9.70	Swale, 10 ft. below top of low spur, drains N. Asc. W. slope.
12.70	Spur, 10 ft. above swale, projects N. Desc. E. slope.
26.50	Draw, 60 ft. below top of spur, drains N. Asc. gentle W. slope.
32.40	Spur, 80 ft. above draw, projects N. Desc. gentle E. slope.
37.10	Draw, 20 ft. below top of spur, drains N. 10° E. Asc. gentle W. slope.

Chains.	
37.27	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked S 30 ¼ S 31 1922 Raise a mound of stone, 2½ ft. base, 1½ ft. high, N. of cor. No bearing trees available.
41.60	Spur, 30 ft. above ¼ sec. cor., projects N. Desc. gentle E. slope.
48.60	Draw, 20 ft. below top of spur, drains N. Asc. WNW. slope.
53.90	Ridge, 20 ft. above draw, bears NNE. and SSW. Desc. along S. side of spur, projecting E.
60.60	Leave scattering timber. Enter medium dense growth of small timber, bears N. and S.
71.20	Leave medium dense growth of small timber. Enter scattering timber, bears NE. and SW.
77.27	True point for the cor. of secs. 29, 30, 31, and 32, 80 ft. below top of ridge.

Land, rolling hills.
Soil, sandy, rocky, on shale and sandstone base.
Timber, scattering and medium dense growth of pinon and cedar.
Undergrowth, sagebrush, shadscale, and scattering bunch grass. Fair grazing.

From true point for the cor. of secs. 29, 30, 31, and 32.

N. 0° 09' W., bet. secs. 29 and 30.

Over rolling hills through scattering timber and medium undergrowth.

.20 On N. bank of large wash, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the witness cor. to the cor. of secs. 29, 30, 31, and 32, with brass cap marked

T 12 S R 23 E
S 30 | S 29
S 31 | S 32
W C
1922

from which

Chains.	
	A juniper, 10 ins. diam., bears S. 81° E., 2.85 chs. dist., marked W C T 12 S R 23 E S 32 B T
	A juniper, 6 ins. diam., bears S. 78° W., 2.93 chs. dist., marked W C T 12 S R 23 E S 31 B T
	A juniper, 4 ins. diam., bears N. 85½° W., 1.89 chs. dist., marked W C T 12 S R 23 E S 30 B T
	No other bearing tree available.
	Asc. SSE. slope over sandstone outcroppings.
1.60	Point of small spur, 20 ft. above witness cor., projects E. Desc. NNE. slope over point of same.
2.10	Small swale, 10 ft. below point of spur, drains ENE. about 2 chs. into large wash. Asc. SSW. slope.
3.30	Old road, bears N. 70° W. and S. 80° E.
8.70	Spur, 70 ft. above small swale, projects NE. Desc. over broken N. slope.
25.00	Swale, 70 ft. below top of spur, drains S. 80° E. Asc. S. slope.
28.60	Spur, 30 ft. above swale, projects E. Desc. gentle N. slope.
31.90	Head of draw, 30 ft. below top of spur, drains ENE. Asc. SE. slope.
40.00	On NE. slope, 30 ft. above head of draw, set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked

¼

S 30 | S 29

1922

Deposit a sandstone memorial, 8 x 6 x 6 ins., marked with cross (X), at base of post, No bearing trees available.

41.00	Spur, 10 ft. above ¼ sec. cor., projects NE. Desc. gentle NW. slope.

Chains.

48.50 Swale, 40 ft. below top of spur, drains NE. Asc. gentle SE. slope.

52.90 Spur, 30 ft. above swale, projects NE. Desc. gentle NE. slope over point of same.

57.80 Draw, 30 ft. below top of spur, drains NNW. Asc. slightly along W. slope.

67.80 Spur, 10 ft. above draw, projects NNW. Desc. N. slope.

72.80 Head of small draw, 90 ft. below top of spur, drains N. Continue descent along E. side of draw.

80.00 In small draw, 30 ft. below head of same, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 19, 20, 29, and 30, with brass cap marked

T 12 S R 23 E.
S 19 | S 20
S 30 | S 29
1922

from which

A cedar, 8 ins. diam., bears N. 75¼° E., 55 lks. dist., marked T 12 S R 23 E S 20 B T.

A cedar, 8 ins. diam., bears S. 57½° E., 1.15 chs. dist., marked T 12 S R 23 E S 29 B T.

A cedar, 4 ins. diam., bears S. 89° W., 1.55 chs. dist., marked T 12 S R 23 E S 30 B T.

A cedar, 4 ins. diam., bears N. 51¾° W., 2.45 chs. dist., marked T 12 S R 23 E S 19 B T.

Land, rolling hills.
Soil, sandy, rocky, on shale and sandstone base.
Timber, scattering juniper, pinon, and cedar.
Undergrowth, sagebrush, shadscale, and scattering bunch grass. Fair grazing.

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

40.00 Set temp. ¼ sec. cor.

79.92 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 20, 21, 28, and 29.

Thence

Chains.	
	N. 89° 57' W., on a true line bet. secs. 20 and 29
	Over rolling, broken hills through scattering timber and medium undergrowth.
	Asc. E. slope.
15.40	Point of spur, 200 ft. above sec. cor., projects NE. Desc. slightly along N. slope.
19.90	Draw, 10 ft. below point of spur, drains ENE. Asc. SE. slope.
24.60	Spur, 100 ft. above draw, projects NNE. Desc. WNW. slope.
34.60	Draw, 100 ft. below top of spur, drains NNE. Asc. E. slope.
39.96	On top of spur, projecting NNE., 80 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 20 / S 29 1922 from which A cedar, 6 ins. diam., bears S. 29¼° W., 80 lks. dist., marked ¼ S 29 B T . A cedar, 6 ins. diam., bears N. 10¼° W., 26 lks. dist., marked ¼ S 20 B T .
	Desc. gentle WNW. slope.
44.80	Draw, 50 ft. below ¼ sec. cor., drains NNE. Asc. E. slope. Enter medium dense growth of timber. Leave scattering timber, bears NNE. and SSW.
50.50	Spur, 60 ft. above draw, projects NE. Desc. gentle NW. slope.
55.20	Draw, 30 ft. below top of spur, drains N. Asc. gentle E. slope.
57.90	Spur, 30 ft. above draw, projects NNE. Desc. WNW. slope.
63.00	Junction of two small draws, 40 ft. below top of spur, drains NE. Asc. gentle E. slope.

Chains.	
70.20	Spur, 50 ft. above junction of small draws, projects N. Desc. gentle W. slope.
72.50	Swale, 30 ft. below top of spur, drains N. Leave medium dense growth of timber. Enter scattering timber, bears N. and S. Asc. gentle ENE. slope.
76.30	Spur, 30 ft. above swale, projects N. Desc. W. slope.
79.92	The cor. of secs. 19, 20, 29, and 30, on W. slope, 60 ft. below top of spur.

Land, rolling, broken hills.
Soil, sandy, rocky, on shale and sandstone base.
Timber, scattering and medium dense growth of cedar, pinon, and juniper.
Undergrowth, sagebrush, shadscale, and scattering bunch grass. Fair grazing.

S. 89° 55' W., on random line bet. secs. 19 and 30.

40.00	Set temp. ¼ sec. cor.
77.07	Intersect the W. boundary of the township, 2 lks. S. of the cor. of secs. 19, 24, 25, and 30, hereinbefore described.

Thence

N. 89° 56' E., on a true line bet. secs. 19 and 30.

Over rolling, broken hills through scattering timber and medium undergrowth.

Desc. gentle SE. slope.

2.50	Draw, 10 ft. below sec. cor., drains N. Asc. broken W. slope.
18.40	Ridge, 100 ft. above draw, bears N. and S. Desc. broken E. slope.
25.90	Draw, 80 ft. below top of ridge, drains N. Asc. W. slope.
30.70	Spur, 100 ft. above draw, projects N. Desc. E. slope.
37.07	On E. slope, 40 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked

Chains	
	$\frac{1}{4}$ S 19 / S 30 1922
	from which
	A cedar, 8 ins. diam., bears N. 12° E., 33 lks. dist., marked $\frac{1}{4}$ S 19 B T .
	A pinon, 6 ins. diam., bears S. 15° E., 93 lks. dist., marked $\frac{1}{4}$ S 30 B T .
42.60	Draw, 60 ft. below $\frac{1}{4}$ sec. cor., drains NNE. Asc. W. slope.
45.20	Point of spur, 50 ft. above draw, projects N. Desc. NE. slope.
50.70	Draw, 30 ft. below point of spur, drains N. 2 chs., thence NW. Asc. WNW. slope.
61.40	Ridge, 90 ft. above draw, bears NNE. and SSW. Desc. ESE. slope.
70.60	Draw, 70 ft. below top of ridge, drains NNE. Asc. gentle WNW. slope.
73.10	Point of spur, 20 ft. above draw, projects N. Desc. gentle NE. slope.
76.80	Small draw, 20 ft. below top of spur, drains N. Asc. W. slope.
77.07	The cor. of secs. 19, 20, 29, and 30, on W. slope, 2 ft. above bottom of small draw.
	Land, rolling, broken hills. Soil, sandy, rocky, on shale and sandstone base. Timber, scattering cedar and pinon. Undergrowth, sagebrush, shadscale, and scattering bunch grass. Fair grazing.
	N. 0° 09' W., bet. secs. 19 and 20.
	Over rolling land through scattering timber and medium undergrowth.
	Desc. along W. slope.
13.50	Draw, 60 ft. below sec. cor., drains NNE. Asc. along broken ESE. slope.

Chains.

33.50 Spur, 20 ft. above draw, projects NE. Desc. NW. slope.

40.00 On NW. slope, 40 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

¼

S 19 | S 20

1922

from which

A cedar, 4 ins. diam., bears S. 12¼° E., 1.95 chs. dist., marked ¼ S.20 B T.

A cedar, 8 ins. diam., bears S. 34¼° W., 53 lks. dist., marked ¼ S 19 B T.

41.40 Small draw, 20 ft. below ¼ sec. cor., drains NNE. Asc. ESE. slope.

54.00 Spur, 50 ft. above small draw, projects NNE. Desc. broken WNW. slope.

75.20 Shallow wash, 15 lks. wide, in bottom of draw, 200 ft. below top of spur, drains N. Continue descent along bottom of same.

79.00 Leave bottom of wash, drains NW. Asc. slightly over E. bank of same.

80.00 On E. bank of wash, 40 ft. below first point in same, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 17, 18, 19, and 20, with brass cap marked

T 12 S R 23 E

S 18 | S 17

S 19 | S 20

1922

Raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor. No bearing trees available.

Land, rolling.
Soil, sandy, rocky, on sandstone and shale base.
Timber, scattering pinon and cedar.
Undergrowth, sagebrush, shadscale, and scattering bunch grass. Fair grazing.

Chains.	
	S. 89° 57' E., on random line bet. secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
79.90	Intersect the cor. of secs. 16, 17, 20, and 21.
	Thence
	N. 89° 57' W., on a true line bet. secs. 17 and 20.
	Over broken land through scattering timber and medium undergrowth.
	Desc. along S. side of small spur.
2.40	Point of spur, 20 ft. below sec. cor., projects WSW. Continue descent over NNW. slope.
10.90	Draw, 150 ft. below point of spur, drains SW. Asc. SE. slope.
13.60	Point of spur, 100 ft. above draw, projects SW. Desc. W. slope over point of same.
14.00	Shale ledge, 50 ft. high, 20 ft. below point of spur, faces W. Continue descent.
17.00	Foot of descent, 60 ft. below top of shale ledge, bears NW. and SE. Leave scattering timber, bears NW. and SE. Continue over level bottom land through heavy greasewood.
31.60	Bitter Creek, 24 lks. wide, 4½ ft. deep, flows NW. Continue over level bottom land.
39.95	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 17 / S 20 1922 Raise a mound of stone, 2½ ft. base, 1½ ft. high, N. of cor.
43.20	Foot of ascent, bears NW. and SE. Leave heavy greasewood. Enter scattering timber, bears NW. and SE. Asc. NE. slope.
45.00	Point of spur, 20 ft. above foot of ascent, projects N.

Chains.	
	Desc. NW. slope.
49.60	Draw, 20 ft. below point of spur, drains NE. Asc. E. slope.
58.90	Spur, 220 ft. above draw, projects N. Desc. W. slope.
63.40	Draw, 80 ft. below top of spur, drains N. Asc. E. slope.
73.70	Spur, 180 ft. above draw, projects NNE. Desc. NW. slope.
79.90	The cor. of secs. 17, 18, 19, and 20, on E. bank of wash, 140 ft. below top of spur.
	Land, broken; Soil, sandy, rocky, on shale and sandstone base. Timber, scattering cedar and pinon along first 17 chs. and last 37 chs. of mile. Remainder of mile, none. Undergrowth, shadscale, sagebrush, and scattering bunch grass along first 17 chs. and last 37 chs. of mile. Remainder of mile, heavy growth of greasewood. Fair grazing.

S. 89° 56' W., on random line bet. secs. 18 and 19.

40.00	Set temp. ¼ sec. cor.
76.94	Intersect the W. boundary of the township 14 lks. S. of the true point for the cor. of secs. 13, 18, 19, and 24 hereinafter described.

Thence

S. 89° 58' E., on a true line bet. secs. 18 and 19.

Over rolling mountainous land through medium undergrowth.

Desc. SE. slope.

3.70	Rocky draw, 50 ft. below true point for sec. cor., drains NNE. Asc. W. slope.
29.00	Break of flat spur, 210 ft. above rocky draw, projects N. Continue over level top of same.
36.20	Break of flat spur, bears N. and S. Desc. E. slope. Enter very thinly scattering timber, bears N. and S.
36.94	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked

$$\frac{1}{4}\ \frac{\text{S 18}}{\text{S 19}}$$
1922

Chains.	
	from which
	A juniper, 5 ins. diam., bears S. 79½° E., 1.94 chs. dist., marked ¼ S 19 B T.
	No other bearing tree available.
49.60	Draw, 100 ft. below top of flat spur, drains NNE. Asc. WNW. slope.
56.60	Spur, 60 ft. above draw, projects NNE. Desc. ESE. slope.
61.90	Draw, 130 ft. below top of spur, drains NNE. Asc. NW. slope.
64.80	Spur, 40 ft. above draw, projects NE. Desc. SE. slope.
68.00	Draw, 90 ft. below top of spur, drains NNE. Asc. WNW. slope.
73.60	Spur, 90 ft. above draw, projects NNE. Desc. ESE. slope.
76.50	Shallow wash, 15 lks. wide, 130 ft. below top of spur, drains NNE. Asc. slightly over E. bank of same.
76.94	The cor. of secs. 17, 18, 19, and 20, 5 ft. above bottom of shallow wash.

Land, rolling mountainous.
Soil, rocky, sandy, on shale and sandstone base.
Timber, very thinly scattering juniper along last 41 chs. Remainder of mile, none.
Undergrowth, black sagebrush and shadscale. Fair grazing.

N. 0° 09' W., bet. secs. 17 and 18.

Over broken mountainous land through medium undergrowth.

1.00	Shallow wash, drains NNE. Asc. SE. slope.
5.40	Spur, 60 ft. above shallow wash, projects NE. Desc. N. slope over point of same.
8.70	Draw, 110 ft. below top of spur, drains NE. Asc. SE. slope.
20.00	Spur, 90 ft. above draw, projects NE. Desc. N. slope over point of same.
38.50	Foot of descent, 170 ft. below top of spur, bears NW. and SE. Continue over level bottom land through heavy growth of greasewood, bears NW. and SE.

Chains.

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

¼
S 18 | S 17
1922

Raise a monud of stone, 2½ ft. base, 1½ ft. high, W. of cor.

46.20 Leave heavy growth of greasewood. Enter salt grass marsh, bears NW. and SE.

47.20 Bitter Creek, 20 lks. wide, 1 ft. deep, flows NW.

48.20 Leave salt grass marsh. Enter heavy greasewood, bears NW. and SE.

49.00 Leave heavy greasewood, bears NW. and SE. Asc. S. slope.

66.00 Spur, 320 ft. above Bitter Creek, projects WSW. Desc. NNW. slope.

80.00 On NNW. slope, 210 ft. below top of spur, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 7, 8, 17, and 18, with brass cap marked

T 12 S | R 23 E
S 7 | S 8
S 18 | S 17
1922

Raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.

Land, broken mountainous.
Soil, rocky, on shale and sandstone base.
Timber, none.
Undergrowth, black sagebrush, shadscale, greasewood, and salt grass. Fair grazing.

S. 89° 57' E., on random line bet. secs. 8 and 17.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 8, 9, 16, and 17.

Thence

N. 89° 59' W., on a true line bet. secs. 8 and 17

Chains.	
	Over mountainous land through very thinly scattering timber and medium undergrowth.
	Asc. slightly along top of ridge, bearing E. and E.
24.10	Top of ridge, 20 ft. above sec. cor., bears SW., from E. Desc. along NW. slope over sandstone and shale outcroppings.
38.95	Small draw, 120 ft. below top of ridge, drains NW. Asc. slightly along N. slope.
40.03	On point of small spur, 10 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 8 / S 17 1922 from which A pinon, 4 ins. diam., bears N. 54° E., 23 lks. dist., marked ¼ S 8 B T . A juniper, 5 ins. diam., bears S. 19° E., 34 lks. dist., marked ¼ S 17 B T .
45.20	Small draw, 10 ft. below ¼ sec. cor., drains N. Asc. NE. slope. Leave timber, bears N. and S.
58.30	Spur, 90 ft. above small draw, projects N. Desc. NW. slope over point of same.
67.70	Small ravine, 110 ft. below top of spur, drains N. Continue descent over NNW. slope.
80.06	The cor. of secs. 7, 8, 17, and 18, on NNW. slope, 240 ft. below top of spur.
	Land, mountainous Soil, rocky, on sandstone and shale base. Timber, thinly scattering pinon and juniper along first 45 chs. Remainder of mile, none. Undergrowth, black sagebrush and shadscale. Fair grazing.

Chains.

N. 89° 58' W., on random line bet. secs. 7 and 18.

40.00 Set temp. ¼ sec. cor.

76.58 Intersect the W. boundary of the township 7 lks. S. of the true point for the cor. of secs. 7, 12, 13, and 18, hereinbefore described.

Thence

S. 89° 55' E., on a true line bet. secs. 7 and 18.

Over mountainous land through medium undergrowth.

.20 Draw, 10 ft. below true point for sec. cor., drains NE. Asc. NW. slope.

4.40 Small spur, 80 ft. above draw, projects N. Desc. NE. slope over point of same.

10.30 Draw, 150 ft. below top of spur, drains NE. Asc. NW. slope.

14.00 Spur, 110 ft. above draw, projects N 15° E. Desc. NE. slope over point of same.

30.50 On NE. slope, 130 ft. below top of spur, set an ir on post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

$$\frac{S7}{S18}$$
1922

Raise a mound of stone, 2½ ft. base, 1½ ft. high, N. of cor.

30.[illegible] Draw, 10 ft. below ¼ sec. cor., drains NE. Asc. W. slope.

41.1[illegible] Rocky spur, 70 ft. above draw, projects N. Desc. E. slope.

41.6[illegible] Foot of descent, 90 ft. below top of rocky spur, bears NW. and SE. Continue over level bottom land through Russian thistle.

4[illegible] Bitter Creek, 15 lks. wide, 8 ins. deep, flows N. Continue over level bottom land.

40.9[illegible] Wire fence, bears WNW. and ESE. Foot of ascent, bears WNW. and ESE. Asc. SW. slope.

[illegible]5.10 Spur, 210 ft. above foot of ascent, projects NW. Desc.

Chains.	
	along N. slope.
76.56	The cor. of secs. 7, 8, 17, and 18, 120 ft. below spur.
	Land, mountainous. Soil, rocky, shale and sandstone base. Timber, none. Undergrowth, black sagebrush, shadscale, and bunch grass. Russian thistle and salt grass along Bitter Creek. Fair grazing.

N. 0° 09' W., bet. secs. 7 and 8.

Over mountainous land through medium undergrowth.

Desc. N. slope.

2.60 Wash, 20 lks. wide, 5 ft. deep, in bottom of large draw, 30 ft. below sec. cor., drains W. Asc. along E. side of draw, draining S.

24.00 Enter scattering timber, bears E. and W.

34.70 Head of draw, 220 ft. above wash. Continue ascent over S. slope.

36.40 Ridge, 20 ft. above head of draw, bears WSW. and ENE. Desc. NNW. slope.

40.00 On NNW. slope, 30 ft. below top of ridge, set an iron post, 3 ft. long, 1 in. diam., 27 ins in the ground, for the ¼ sec. cor., with brass cap marked

S 7 | S 8
1922

from which

A juniper, 8 ins. diam., bears S. 25½° E., 1.37 chs. dist., marked ¼ S 8 B T .

A juniper, 6 ins. diam., bears S. 70½° W., 1.63 chs. dist., marked ¼ S 7 B T .

46.80 Draw, 20 ft. below ¼ sec. cor., drains W. Asc. SSW. slope.

54.40 Rocky spur, 70 ft. above draw, projects WNW. Asc. NNE. slope.

62.10 Draw, 80 ft. below top of spur, drains WNW. Asc. S. slope.

64.00 Spur, 20 ft. above draw, projects W. Desc. N. slope.

68.00 Draw, 40 ft. below top of spur, drains WSW. Asc. SSE.

Chains.	
	slope.
72.50	Spur, 40 ft. above draw, projects WSW. Desc. NNW. slope.
80.00	On NNW. slope, 90 ft. below top of spur, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 5, 6, 7, and 8, with brass cap marked T 12 S R 23 E S 6 | S 5 S 7 | S 8 1922 from which A juniper, 8 ins. diam., bears N. 15½° E., 3.19 chs. dist., marked T 12 S R 23 E S 5 B T . A juniper, 8 ins.diam., bears S. 31¼° E., 1.56 chs. dist., marked T 12 S R 23 E S 8 B T . A pinon, 5 ins. diam., bears S. 2¼° W., 2.52 chs. dist., marked T 12 S R 23 E S 7 B T . A juniper, 6 ins. diam., bears N. 21° W., 3.32 chs. dist., marked T 12 S R 23 E S 6 B T .
	Land, mountainous. Soil, rocky, on shale and sandstone base. Timber, scattering juniper and pinon along last 56 chs. Remainder of mile, none. Undergrowth, black sagebrush and shadscale. Fair grazing.
	S. 89° 59' E., on random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.20	Intersect N. and S. line, 12 lks. S. of the cor. of secs. 4, 5, 8, and 9.
	Thence
	S. 89° 56' W., on a true line bet. secs. 5 and 8.
	Over mountainous land through scattering timber and medium undergrowth.
	Desc. W. slope over point of spur.
7.70	Draw, 80 ft. below sec. cor., drains NW. Asc. E. slope.
16.00	Point of small spur, 10 ft. above draw, projects N. Desc. W. slope.

Chains.	
18.50	Small draw, 20 ft. below top of spur, drains N. Asc. NE. slope.
24.50	Spur, 50 ft. above small draw, projects NW. Desc. SW. slope.
40.10	On SW. slope, 100 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 5 / S 8 1922 from which A juniper, 8 ins. diam., bears N. 65° E., 1.80 chs. dist., marked ¼ S 5 B T . A juniper, 5 ins. diam., bears S. 81½° E., 1.83 chs. dist., marked ¼ S 8 B T .
43.90	Head of small draw, 20 ft. below ¼ sec. cor., drains SW. Continue descent.
50.90	Same draw, 20 ft. below last point, drains NW. Asc. slightly along N. slope.
54.60	Top of ascent, 20 ft. above draw. Desc. along N. slope.
60.00	Slope changes to NNW. Continue descent.
80.20	The cor. of secs. 5, 6, 7, and 8, 80 ft. below top of ascent.
	Land, mountainous. Soil, rocky, sandy, on sandstone and shale base. Timber, scattering pinon and juniper. Undergrowth, black sagebrush and shadscale. Fair grazing.

	N. 89° 55' W., on random line bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
76.35	Intersect the W. boundary of the township 12 lks. S. of the true point for the cor. of secs. 1, 6, 7, and 12, hereinbefore described.
	Thence
	S. 89° 50' E., on a true line bet. secs. 6 and 7.

Subdivision of T. 12 S., R. 23 E.

Chains.	
	Over mountainous land through scattering timber and medium undergrowth.
	Asc. along S. slope of spur.
9.00	Top of ascent, 100 ft. above true point for sec. cor., Desc. along S. slope.
15.00	Draw, 60 ft. below top of ascent, drains SW. Asc. NW. slope.
20.00	Spur, 40 ft. above draw, projects SW. Desc. SE. slope.
31.50	Draw, 10 ft. below top of spur, drains SW. Asc. NW. slope.
36.35	On NW. slope, 20 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 6 / S 7 1922 from which A juniper, 8 ins. diam., bears N. 43½° E., 52 lks. dist., marked ¼ S 6 B T . A juniper, 12 ins. diam., bears S. 34½° W., 72 lks. dist., marked ¼ S 7 B T .
36.50	Spur, 10 ft. above ¼ sec. cor., projects SW. Desc. SE. slope.
43.50	Draw, 10 ft. below top of spur, drains WSW. Asc. NW. slope.
52.10	Spur, 50 ft. above draw, projects SW. Desc. SE. slope.
74.00	Shallow wash, 20 lks. wide, in bottom of large draw, 50 ft. below top of spur, drains WSW. Asc. slightly over NNW. slope.
76.35	The cor. of secs. 5, 6, 7, and 8, 10 ft. above shallow wash.

Land, mountainous.
Soil, rocky, sandy, on shale and sandstone base.
Timber, scattering juniper.
Undergrowth, black sagebrush and shadscale. Fair grazing.

Chains.	
	N. 0° 14' W., on random line bet. secs. 5 and 6.
40.00	Set. temp. ¼ sec cor.
80.25	Intersect the N. boundary of the township 12 lks. W. of the cor. of secs. 5, 6, 31, and 32, hereinbefore described.
	Thence
	S. 0° 09' E., on a true line bet. secs. 5 and 6.
	Over mountainous land through scattering timber and medium undergrowth.
	Asc. along E. slope.
7.70	Top of ascent, 20 ft. above sec. cor. Desc. SE. slope.
9.40	Head of draw, 20 ft. below top of ascent, drains NE. Asc. along W. slope.
34.80	Low ridge, 160 ft. above head of draw, bears E. and WSW. Desc. SSE. slope.
39.95	On SSE. slope, 40 ft. below top of ridge, set an iron post, 3 ft. long, 1 in. diam., over cross (X), marked on exposed bedrock, supported by a large mound of stone, for the witness cor. to the ¼ sec. cor., with brass cap marked

S 6 | S 5
W C
1922

from which

A juniper, 6 ins. diam., bears S. 35° E., 1.24 chs. dist., marked W C ¼ S 5 B T .

A juniper, 4 ins. diam., bears S. 18¼° W., 65 lks. dist., marked W C ¼ S 6 B T .

40.25	True point for the ¼ sec. cor. falls on sandstone ledge, Impracticable to set monument at this point.
74.40	Small draw, 270 ft. below true point for the ¼ sec. cor., drains SW. Continue descent.
78.40	Shallow wash, 20 ft. wide, 10 ft. below last point, drains WSW. Asc. slightly over NNW. slope.

Chains

80.25 The cor. of secs. 5, 6, 7, and 8, 10 ft. above shallow wash.

Land, mountainous.
Soil, rocky, on sandstone and shale base.
Timber, scattering juniper and pinon.
Undergrowth, black sagebrush and shadscale. Fair grazing.

Boundaries of T. 12 S., R. 23 E.

Latitudes, depatures, and closing errors.

Lines designated	True bearing	Distances.	Latitudes N.	Latitudes S.	Departures E.	Departures W.
E.bdy. T.12SR23E	N. 0°04'W.	7.53	7.53			.01
" "	N. 0°03'W.	39.97	39.97			.04
" "	N. 0°01'W.	39.85	39.85			.01
" "	N. 0°28'W.	40.73	40.73			.33
" "	N. 0°15'W.	39.93	39.93			.17
" "	N.0° 14'W.	40.03	40.03			.16
" "	N. 0°02'W.	39.99	39.99			.02
" "	North.	39.99	39.99			
" "	N. 0°05'W.	40.05	40.05			.06
" "	North.	40.08	40.08			
" "	N. 0°06'W.	39.93	39.93			.07
" "	N. 0°05'W.	40.11	40.11			.06
" "	N. 0°03'W.	31.81	31.81			.03
N.bdy.T12S R23E.	N.89°57'W.	476.03	.42			476.03
W.bdy.T12S R23E.	South.	480.00		480.00		
S.bdy.T12S R23E.	East.	477.59			477.59	
Convergency						.61
Totals ----------			480.42	480.00	477.59	477.60
			480.00			477.59
Error in latitude ----------			.42			
Error in departure ----------						.01

General description.

Bitter Creek, in the southwestern part, and the West Fork of Asphalt Wash, in the eastern part, form the main drainage of the township. The land in the eastern half of the township is rolling hills, the southwestern part, broken mountainous, and in the northwestern part the land is mountainous. The elevation above sea level is between 6000 and 7000 ft.

The soil is sandy and rocky in the rolling hilly, and mountainous parts and very rocky in the area classed as broken mountainous. The formation is of sandstone

and shale and in most places is very near the surface. There are a few small patches of bottom land along Bitter Creek that are suitable for cultivation, but they are of very little value at the present time. The soil supports a medium growth of shadscale, black sagebrush, and a scattering growth of bunch grass, which renders the land suitable for grazing purposes.

There is a scattering growth of small juniper, pinon, and cedar timber over a greater part of the township, but it is of little value other than for fence posts and fire wood.

No evidence of minerals was noted within the township.

Bitter Creek is the only water within the township. The water in this stream is very strongly alkaline, but can be used for stock purposes and maintains a good flow throughout the whole year. It flows through the following legal subdivisions; the SW. ¼ of the SE. ¼, NW. ¼ of the SE. ¼, NE. ¼ of the SW. ¼, SE. ¼ of the NW. ¼, and the NE. ¼ of the NW. ¼ of sec. 33.

The SE. ¼ of the SW. ¼ , W. ½ of the SW. ¼, and the W. ½ of the NW. ¼ of sec. 28.

The W. ½ of the SW. ¼ of sec. 21.

The NE. ¼ of the SE. ¼ , E. ½ of the NE. ¼, and the NW. ¼ of the NE. ¼ of sec. 20.

The SW. ¼ of the SE. ¼, E. ½ Of the SW. ¼, NW. ¼ of the SW. ¼, and the SW. ¼ of the NW. ¼ of sec. 17.

The E. ½ of the NE. ¼ and the NW. ¼ of the NE. ¼ of sec. 18.

The SW. ¼ of the SE. ¼, S. ½ of the SW. ¼, and the NW. ¼ of the SW. ¼ of sec. 7.

There is no settlement within the township.

Stock grazing is the only industry being carried out within the township at the present time and no other possibilities are apparent.

General description

The general magnetic declination is 16° 00' E.

Ralph Gurley
U.S. Cadastral Engineer.

Harold Paul
U.S. Transitman.

BOOK A-460

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FIELD ASSISTANTS.

NAMES.	CAPACITY.
Sidney Reese	Principal Assistant
Glenn Blake	Principal Assistant.
Merlin Dalby	Assistant chainman.
Harry Aumack	Assistant chainman.
Robert Thurber	Cornerman.
Albert Mott	Cornerman.
Frank Smith	Cornerman.
Raymond McCandless	Flagman.
Carl W. Wilburn.	Flagman.

6—2764

BOOK A 1[illegible]

CERTIFICATE OF UNITED STATES [illegible] and Transitman

We, Ralph Gentry, U. S. Cadsatral Engineer, hereby certify upon honor that, in [illegible] Harold S. Paul, U.S. Transitman, of special instructions received from the U. S. Surveyor General for Utah bearing date of the 2 nd. day of June, 19 22 have well, faithfully, and in our proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, retraced all those parts or portions of the west boundary of T. 12 S., R. 24 E., resurveyed the west boundary of T. 12 S., R. 24 E., and surveyed the north and west boundaries and subdivisions of T. 12 S., R. 23 E.

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

Salt Lake City, Utah.
April 11, 1923.

Ralph Gentry
U.S. Cadastral [illegible]

Harold S. Paul
U.S. Transitman

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah June 9, 19

The foregoing field notes of the survey of the Retracement of the West Boundary of Township No. 12 South, Range No. 24 East; Resurvey of the West Boundary of Township No. 12 South, Range No. 24 East; Survey of the North and West Boundaries and the Subdivisions of Township No. 12 South, Range No. 23 East.

executed by Ralph Gentry and Harold S. Paul under his special instructions dated June 2, 19 22 having been critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

E. D. Boreson
U. S. Surveyor General

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

U. S. Surveyor General

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U. S. Land Office
FEB 23 1923
SALT LAKE CITY, UTAH

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BOOK A-460 B

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FIELD NOTES

OF THE SURVEY OF THE

WEST AND NORTH BOUNDARIES

and of the

SUBDIVISIONS

of

T. 12 S., R. 22 E.

Of the SALT LAKE BASE AND *Meridian,*

In the State of UTAH

EXECUTED BY

Harold S. Paul, U. S. Transitman

and

Robert C. Yundt, U. S. Transitman

In the capacity of ~~*U. S. Surveyor*~~ U. S. Transitmen, *under instructions dated* June 2, 1922, ~~*191*~~, *issued by the United States Surveyor General to govern surveys included in Group No.* 127, *which were approved by the Commissioner of the General Land Office,* June 8, 1922, *191*

Assignment Instructions dated September 1, 1922.

Survey commenced November 2, 1922, *191*

Survey completed November 29, 1922, *191*

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M.F.Y.
F.M.S
K.F.B
V.I.F.
H.R.M.A
V.I.F.

BUR A-460

INDEX DIAGRAM.

Township 12 South, *Range* 22 East

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T. 12 S., R. 22E.

Salt Lake Meridian.

DATE DIAGRAM FOR T. 12 S., R. 22 E.

Lines dated and ruled in red are surveyed by Robert C. Yundt, U. S. Transitman.

Lines dated and ruled in black are surveyed by Harold S. Paul, U. S. Transitman.

11-25-27-22	11-25-27-22	11-25-29-22	11-24-29-22	11-24-29-22	11-16-24-29-22	
6	5	4	3	2	1	
11-24-22	11-23-22-22	11-27-22	11-16-22	11-7-22	11-7-22	
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11-20-22	11-20-22	11-9-22	11-9-22	11-6-22	11-6-22	
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30	29	28	27	26	25	
11-15-22	11-15-22	11-8-22	11-8-22	11-3-22	11-3-22	
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Survey commenced November 2, 1922 and executed with Young and Son's light mountain transits numbers 8396 and 8573, used by Robert C. Yundt, U. S. Transitman, and Harold S. Paul, U. S. Transitman, respectively. The instruments are equipped with Smith Solar attachments and full vertical circles. The horizontal limbs are provided with two double verniers, placed opposite each other, reading to single minutes of arc, which is also the smallest division on the verniers on the latitude and declination arcs and the vertical circles. The instruments were approved for use on this survey by the Assistant Supervisor of Surveys for District No. 6

T. 12 S., R. 22 E.

Test of Instruments.

conditional on satisfactory field tests.

I examine the adjustments of the transits and correct the level and collimation errors, then, to test the solar attachment by a comparision of the indicated meridiams so obtained, in both morning and afternoon hours, with the true meridiam, I proceed as follows:

November 1, 1922, in camp situated in the NW ¼ of the NW ¼ of Sec. 26, T. 12 S., R. 22 E., in approximate latitude 39° 45' 02" N., longitude 109° 28' 00" W., at 4h 48m 10s, P. M. I make an observation on polaris at Western Elongation, making two observatione each, with the telescope in direct and reversed positions and marking the direction of the line of sight with a flag firmly set in the ground about 10.00 chains to the N.

Watch time of observation, (mean)	5h 06.08m P. M.
Watch fast of L. M. T.	17.88m
L. M T. of observation "	4h 48.20m P. M.
Azimuth of polaris at Elongation.	1° 26' 35"

November 2, 1922, at 7h. 30m. I lay off the azimuth of polaris, which is 1° 26' 35", to the west of the flag and mark the meridiam thus determined by a nail in a stake firmly set in the ground, about 10.00 chains to the N. of the station.

At 8h. 00m. A. M. with both instruments in the true meridiam, I set off 39° 45' N on the latitude arcs and 14° 35' 15" on the declination arcs and determine a meridiam with the solar attachment, which I find to be in agreement with the true meridian.

At apparent noon I make a meridian observation of the sun for time and latitude, observing simultameously the altitude of the suns lower limb and the transit of the suns W. limb, reversing the telescope and observing simultaneously the altitude of the suns upper limb and the transit of the sun's E. limb.

T. 12 S., R. 22 E.

Test of Instruments

Mean observed vertical altitude	35° 35' 03"
Reduced latitude	39° 45' 32"
Mean watch time of observation	12h 01m 32s
Watch fast of L. M. T.	17.88m

At apparent noon, with both instrument s in the meridian and the latitude arcs unchanged, I find the readings of the declination arcs to be 14° 40' 00" S., which agrees with the computed declination of the sun.

At 4h 00m P. M. apparent time, with both instruments in the meridiam and the latitude arcs unchanged, I set off 14° 41' 30" S. on the declination arcs and determine a meridian with the solar attachment, which I find agrees with the true meridian.

The instruments were maintained in good adjustment during the progress of the survey; frequent tests being made of the solar attachment, on the true meridian.

As all of the above mentioned observations made with the solar attachment and during the usual hours of solar work are within 01' of the true meridian, I conclude that the adjustments of the transits are satisfactory.

The final tests of the instruments are listed as and to be found in the preliminary tests for T. 11 S.,R. 23 E Salt Lake Base and meridian.

MEASURE ENTS

Unless otherwise specified all measurements are made with Lallie steel tapes, 5 chains in length. These tapes were compared with a Lufkin Standard tape, 1 chain in length and f und to be correct. The measurements are made on the slope, the vertical angle determined and the slope distances properly reduced to horizontal and vertical distances.

T. 12 S., R. 22 E.

Survey of the West Boundary

Chains	
	Beginning at the cor. Ts. 12 and 13 S., Rs. 21 and 22 E., which is an iron post, 3 ins. in dia. and projecting 10 ins. above ground; marked and witnessed as described in the notes of T. 13 S., R. 22 E., Salt Lake Meridian.
	Thence
	North, along the West Boundary, bet. secs. 31 and 36.
	Over mountainous land, through scattering timber and undergrowth. asc. along a SE. slope to,
20.40	Spur , projects NW., 118 ft. above Tp. cor. desc. along a NE. slope to,
39.30	Draw, drains NW., 125 ft. below spur, asc. along a SW. slope to,
40.00	On a SW slope, 10 ft. above draw, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in the ground, for ¼ sec. cor., with a brass cap marked:
	¼ S 36 | S 31 1922
	from which
	A juniper, bears N. 82°00' E., 158 lks., dist., marked ¼S31BT.: 4 ins. in dia.
	A pinon 5 ins. in dia,, bears S. 67°00' W., 175 lks. dist., marked ¼S36BT.
53.80	Spur, projects W., 120 ft. above ¼ sec. cor. desc. N. slope to,
58.50	Draw, drains W., 135 ft. below spur, asc. along a SW. slope to,
60.70	Spur, projects W., 35 ft above draw, asc. along a SE. slope to,
64.20	Duck Canyon, drains SW, 35 ft. below spur, asc. along a SE slope to,
65.20	Road, Watson, Utah to Willow Creek, bears NE. and SW.
80.00	On a SE. slope, 160 ft. above canyon, set an iron post, 3 ft long and 2 in. in dia., 4 ins. in the ground to solid rock and 23 ins. in a mound of stone for the cor. of secs. 25, 36, 30 and 31; with a brass cap marked:

Chains	
	T 12 S R 21 E | R 22 E S 25 | S 30 S 36 | S 31 1922
	from which A juniper, 5 ins in dia., bears S. 50°30' E., 134 lks. dist., marked T12SR22ES31BT. A pinon, 4 ins. in dia., bears S. 22°30' W., 79 lks. dist., marked T12SR21ES36BT. No other trees available.
	Land; mountainous; deep narrow draws, draining W.
	Soil; shallow, light colored clay and decomposed shale on a shale bedrock.
	Timber; scattering pinon and juniper.
	Undergrowth; sage brush and shadscale.
	Poor grazing land.

	North, bet. secs. 25 and 30.
	Over rolling hills; through scattering timber and undergrowth, asc. along a SE. slope to,
10.80	Spur, projects NE., 50 ft. above sec. cor., desc. along a NW slope to,
25.90	Leave timber, bears E. and W.
40.00	In the bottom of a swale, draining E, 40 ft. below spur, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in the ground for ¼ sec. cor., with a brass cap marked:
	¼ S25 | S 30 1922
	A mound of stone and pits being impracticable, I deposit a sandstone, 2 x 4x 6 ins., marked (X), at the base of the cor.
50.00	Re-enter timber, bears E. and W.
54.80	Spur, projectsW. 20 ft. above ¼ sec. cor. desc. a N. slope to

Chains	
80.00	On a N. slope, 10 ft. below spur, set an iron [illegible] long and 2 ins. in dia., 12 ins. in the ground [illegible] rock and 15 ins. in a mound of stone, for the cor. [illegible] secs. 24, 25, 19 and 30, with a brass cap marked:

T 12 S
R 21 E | R 22 E
S 24 | S 19
S 25 | S 30
1922

from which

A pinon, 10 ins. in dia., N. 47°00' E., 122 lks. dist., marked T12SR22ES19BT.

A pinon, 8 ins. in dia., bears S. 68°30' E., 113 lks dist., marked T12SR22ES30BT.

A pinon, 7 ins. in dia., bears S. 82°00' W. 98 lks dist., marked T12SR21ES25BT.

A twin pinon, 4 ins. in dia., bears N.41°15' W, 75 lks dist., marked T12SR21ES24BT

Land, rolling hills: drainage W.

Soil, shallow, light colored clay. shale underlying.

Timber, scattering pinon and juniper.

Undergrowth, scant sage brush and shadscale.

Fair grazing.

North, bet. secs. 19 and 24.

Over rolling hills, through scattering timber and scant undergrowth; desc. a N. slope to.

10.80 Draw, drains W., 60 ft. below the sec. cor., asc. along a SW slope to,

33.6 Spur, projects NW. 60 ft. above draw, desc. along a NE. slope to,

Chains	
40.00	In the bottom of a small swale, draining W., 10 ft. below spur, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in the ground for the ¼ sec. cor., with a brass cap marked:

¼

S 24 | S 19

1922

from which

A pinon, 6 ins. in dia., bears S. 67°30' E., 55 lks. dist., marked ¼S19BT.

A pinon, 10 ins. in dia., bears S. 65°00' W, 60 lks. dist., marked ¼S24BT.

60.60	Spur, projects NE., 15 ft above ¼ sec. cor., desc. along a NW. slope to.
80.00	On a NW. slope, 170 ft. below spur, set an iron post, 3 ft long and 2 ins. in dia., 27 ins. in the ground for the cor. of secs. 13, 18, 19 and 24; with a brass cap marked:

T 12 S

R 21 E | R 22 E

S 13 | S 18

S 24 | S 19

1922

from which

A pinon, 8 ins. in diam., bears N.53°00' E., 63 lks. dist., marked T12SR22ES18BT.

A pinon 8 ins. in dia., bears S. 63°00' E, 118 lks. dist., marked T12SR22ES19 T.

A pinon, 5 ins. in dia., bears S. 10°00' W, 51 lks. dist., marked T12SR21ES24BT.

A twin pinon, 5ins. in dia. bears N. 23°00' W, 89 lks. dist.; marked T12SR21ES13BT

Land, rolling hills; drainage; W.

Soil, light colored, sandy loam; shale base.

Timber, scattering pinon and juniper.

Undergrowth; scant sagebrush and shadscale.

Fair grazing.

T. 12 S., R. 22 E.

Survey of the West Boundary

Chains	
	North bet. secs. 13 and 18.
	Over rolling hills, through scattering tinber and scant undergrowth; desc. a gentle N. slope to,
39.20	Wash, 20 lks. wide and 10 ft. deep, drains W., thence along a W. slope to,
40.00	On a W slope of a small spur projecting W., set an iron post, 3 ft. long and 1 in. in dia., 4 ins in the ground to solid rock and 23 ins. in a mound of stone for ¼ sec. cor., with a brass cap marked:

¼
S 13 | S 18
1922

from which

A pinon, 8 ins. in dia., bears S.55°00' E., 230 lks. dist., marked ¼S18BT.

A juniper, 5 ins. in dia., bears S. 06°00' W., 157 lks. dist., marked ¼S13BT.

54.40	Leave timber, bears NW. and SE.
80.00	On a gentle W. slope, level with the ¼ sec. cor., set an iron post, 3 ft. long and 2 in dia., 27 ins. in the ground for the cor. of secs. 7, 12, 13 and 18, with a brass cap marked:

T 12 S
R 21 E | R 22 E
S 12 | S 7
S 13 | S 18
1922

A mound of stone and pits being impracticable I deposit a sandstone, 6 x 4 x 4 ins., marked (X), at the base of the post.

Land; rolling hills: drainage; W.

Soil, light colored, stiff clay loam.

Timber, scattering pinon and juniper.

Undergrowth, scant sagebrush and shadscale.

Fair grazing.

Chains	
	North, bet. secs. 7 and 12.
	Over bottom lands of Wash, through scattering shadscale, sagebrush and bunch grass; desc. a N slope to.
2.00	Wash, 30 lks wide and 3 ft deep; drains NE.
13.00	Low spur, projects NE., thence along a gentle N. slope to
33.60	Wash, 20 lks wide and 3 ft. deep, drains NE.
40.00	On a gentle N. slope, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in the ground for ¼ sec. cor., with a brass cap marked:

$\frac{1}{4}$

S 12 | S 7

1922

Raise a mound of stone, 2 ft. base and 1½ ft. high W of the post.

44.60	Wash, 30 lks. wide and 5 ft deep, drains NE.
49.00	Point of spur, projecting NE.
80.00	On a gentle NE slope, set an iron post, 3 ft. long and 2 ins. in dia., 27 ins. in the ground for the cor. of sec. 1, 6, 7 and 12; with a brass cap marked:

T 12 S

R 21 E | R 22 E

S 1 | S 6

S 12 | S 7

1922

Raise a mound of stone, 2 ft. base and 1½ ft. high, W. of the post.

Land, level bottom of a wash, draining N. 10° W.

Soil, light colored, stiff clay.

Timber, none.

Undergrowth, scant sagebrush, shadscale and bunch grass.

Good grazing.

Chains	
	North, bet. secs. 1 and 6.
	Over bottom lands of wash, through scattering undergrowth; desc. a gentle N. slope to,
12.00	Wash, 10 lks. wide and 25 ft deep, drains SE about 2 ch to main wash,
13.00	Main wash, 100 lks. wide and 25 ft. deep, drains N. 10° W.
29.40	Top of earth bank, 25 ft high, bears E. and W.
40.00	On a gentle N. slope, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in the ground for ¼ sec. cor., with a brass cap marked:

$\frac{1}{4}$

S 1 | S 6

1922

Raise a mound of stone, 2 ft. base and 1½ ft. high, W of the post.

68.00	Wash, 10 lks. wide and 3 ft deep, drains W.
80.00	On a gentle N. slope, set an iron post, 3 ft. long and 3 ins. in dia., 27 ins. in the ground for the cor. of Ts. 11 and 12 S., Rs. 21 and 22 E, with a brass cap marked:

T 11 S

R 21 E | R 22 E

S 36 | S 31

S 1 | S 6

T 12 S

1922

Raise a mound of stone, 2 ft base and 1½ ft. high, south of the post.

Land, gently sloping bottom of wash: drainage N. 10° W. to White River.

Soil, heavy, light colored, clay.

Timber, none.

Undergrowth, scattering growth of sagebrush, shadscale and bunch grass.

Good grazing.

T. 12 S., R. 22 E.

Survey of the North Boundary

Chains	
	Beginning at the cor. of Ts. 11 and 12 S., Rs. 21 and 22 E., heretofore described, thence East on random line for allinement only. This line intersects the E. boundary of the Tp. at a point 42 lks. north of the corner of Ts. 11 and 12 S., Rs. 22 and 23 E., which is an iron post, marked and witnessed as described in the n otes of T. 12 S., R. 23 E.: This corresponds to a deviation of 03' of arc or of 07 lks. per mile, therefore the true course is N. 89°57' W.
	Beginning at the cor. of Ts. 11 and 12 S., Rs. 22 and 23 E., heretofore described,
	Thence N. 89°57' W. on true line bet. secs. 1 and 36.
	Over broken land, through timber and undergrowth; asc. a broken SE. slope to,
11.90	Spur, projects N., 80 ft. above Tp. cor.; desc. a broken W. slope to,
40.00	On a broken W. slope, 225 ft. below spur, set an iron post, 3 ft. long and 1 in. in dia., 10 ins. in the ground to solid rock and 17 ins. in a mound of stone for ¼ sec. cor., with brass cap marked: $\frac{1}{4}\ \frac{S\ 36}{S\ 1}$ 1922
	from which
	A juniper, 4 ins. in dia., bears S. 53°00' W, 99 lks. dist., marked ¼S1BT.
	A juniper, 4 ins. in dia., bears N. 55°00' W, 52 lks. dist., marked ¼S36BT.
49.70	Leave timber, bears N. and S.
60.70	Enter Bitter Creek Canyon.
64.00	Bitter Creek, 18 lks. wide and 8 ins. deep, flows N., 172 ft. below ¼ sec. cor.
71.80	Road bears N. & S.
73.20	Leave Bitter Creek Canyon, bears N. and S., asc. a broken E. slope to,

Chains	
80.00	On a broken E. slope, 60 ft. above Bister Creek, set an iron post, 3 ft. long and 2 ins. in dia., 4 ins. in the ground to solid rock and 23 ins. in a mound of stone for cor. of secs. 1, 2, 35 and 36, with a brass cap marked:

T 11 S | R 22 E
S 35 | S 36
S 2 | S 1
T 12 S
1922

Deposit a sandstone, 4 x 5 x 6 ins., marked with a cross (X) at the base of the post.

Land, broken, rocky-foot hills: Drainage W.

Soil, light colored, sandy loam on sandstone bedrock.

Timber, scattering pinon and juniper.

Undergrowth, scant sagebrush, shadscale and bunch grass.

Fair grazing.

N. 89°57' W. bet. secs. 2 and 35.

Over broken hills, numerous sandstone ledges, through scattering timber and undergrowth; asc. an E. slope to,

34.50 Spur, projects S., 100 ft. above sec. cor., thence along a S. slope, to,

40.00 On a S. slope, level with the spur, set an iron post, 3 ft. long and 1 in. in dia., 4 ins. in the ground to solid rock and 23 ins. in a mound of stone for ¼ sec. cor., with a brass cap marked:

¼ S 35 / S 2
1922

Deposit a sandstone, 6 x 7 x 10 ins., marked with a cross (X), at the base of the post: No bearing trees available.

60.00 Asc. a steep E. slope to,

74.30 Saddle in spur projecting N., 95 ft. above ¼ sec. cor.; desc. along a steep, rocky, SW. slope to,

80.00 The true point for the monument falls on a precipitous slope where it is impossible to place the post, this

Chains	
	point is marked (X) in solid rock: It also being impracticable to set the post on the true line within of 10.00 chains, therefore I establish the W. C. to the cor. of secs. 2, 3, 34 and 35 at a point 20 lks. S. 0° 04' E. of the true cor. point as follows:
	Set an iron post, 3 ft. long and 2 ins. in dia., 27 ins. in a mound of stone, over a cross, marked (X) in solid rock, with a brass cap marked:

W C
T 11 S R 22 E
S 34 | S 35
S 3 | S 2
T 12 S
1922

	Land, broken hills, numerous sandstone ledges: drainage E. into Bitter Creek.
	Soil, sandy to rocky, light colored loam.
	Timber, scattering pinon and juniper.
	Undergrowth, scant sagebrush, shadscale and bunch grass.
	Fair grazing.

	N. 89°57' W. bet. secs. 3 and 34.
	Over rough, broken hills, through scattering timber and undergrowth; desc. along a steep SW. slope to.
12.50	Draw, drains NW. 120 ft. below sec. cor., asc. along a SE. slope to,
19.30	Spur, projects NW., 110 ft. above draw, desc. along a NW. slope to,
30.30	Canyon, drains N. 20° E., 95 ft. below spur. asc. a broken E. slope to,
40.00	On an E slope, 90 ft. above draw, set an iron post, 3 ft. long and 1 in. in dia., 6 ins. in theground to solid rock and 21 ins. in a mound of stone for ¼ sec. cor. with a brass cap marked:

¼ S 34 / S 3
1922

Chains	
	Deposit a sandstone, 4 x 4 x 6 ins., marked (X), at the base of the post.
45.30	Sandstone ledge, 90 ft. high, bears N. 75° E., and S 75°
55.50	Edge of level bench, bears N. and S.; thence along level top to.
61.30	Edge of level bench, bears N. and SE.; desc. along a SW. slope to,
80.00	On a SW. slope, 70 ft. below top, set an irom post, 3 ft. long and 2 ins. in dia., 6 ins. in the ground to solid rock and 21 ins. in a mound of stone for the cor. of secs. 3, 4, 33, and 34, with a brass cap marked:

T 11 S R 22 E
S 33 | S 34
S 4 | S 3
T 12 S
1922

Deposit a sandstone, 12 x 10 x 8, marked (X),at the base of the post: No bearing trees available.

Land; broken hills with sandstone outcrops: Drainage NE.

Soil; thin layer of rocky loam an a sandstone bedrock.

Timber, few scattering pinon and juniper.

Undergrowth; scant sagebrush, shadscale and bunch grass.

Poor grazing.

N. 89°57' W. bet. secs. 4 and 33.

Over high level bench, through scattering timber and scant undergrowth; desc. along a SW. slope to,

5.50	Swale, drains N., 30 ft. below sec. cor.; asc. an E slope to,
12.50	Spur, projects N., 35 ft. a ove swale;desc. along a gentle NW. slope to,
18.50	Draw, drains N. 20° E., 55 ft. below spur; asc. an E. slope to,
35.30	Spur, projects N. 20° E., 100 ft. above draw; desc. a W. slope to,
40.00	On a W. slope, 15 ft. below spur, set an iron post, 3 ft.

Chains	
	long and 1 in. in dia., 8 ins. in the ground to solid rock and 19 ins. in a mound of stone for the ¼ sec. cor with a brass cap marked:
	¼ S 33 / S 4 1922
	from which
	A juniper, 6ins. in dia., bears S. 26°30' W., 18 lks. dist. marked ¼S4BT.
	A juniper, 12 ins. in dia., bears N. 39°15' W., 66 lks. dist., marked ¼S33BT.
48.00	Draw, drains N. 20° E., 40 ft. below ¼ sec.cor.; asc. along a SE. slope to,
56.60	Spur, projects N., 65 ft above draw; desc. a W. slope to,
71.60	Swale, drains N. 15° E., 30 ft. below spur. asc. an E. slope to,
80.00	On the top of a spur, projecting N., 30 ft above swale, set an iron post, 3 ft. long and 2 ins. in dia., 10 ins. in the ground to solid rock and 17 ins. in a mound of stone for the cor. of secs. 4, 5, 32 and 33, with a brass cap marked:

T 11 S R 22 E
S 32 | S 33
S 5 | S 4
T 12 S
1922

Deposit a sandstone, 10 x 7x 4 ins., marked (X), at the base of the post: No bearing trees available.

Land; level bench land with shallow swales and draws draining N.

Soil; deep, dark colored, sandy loam.

Timber; few scattering pinon and juniper.

Undergrowth; scant sagebrush, shadscale and bunch grass.

Fair grazing.

N. 89°57' W. bet. secs. 5 and 32.

Over rolling hills on top of bench, through scattering

Chains	
	timber and scant undergrowth, desc. a gentle W slope to,
18.30	Swale, drains N. 25 ft. below sec. cor.; asc. a gentle E slope to,
25.00	Spur, projects N., 25 ft above swale; desc. along a SW. slope to,
35.80	Draw, drains N. 25° E., 60 ft below spur, thence over level bottom to,
40.00	In the bottom of a draw, set an iron post, 3 ft. long and 1 in. in dia., 8 ins in the ground to solid rock and 18 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked: $\frac{1}{4}\ \frac{S\ 32}{S\ 5}$ 1922 Deposit a sandstone, 10 x 7 x 6 ins., marked (X), at the base of the post: No bearing trees available.
45.80	Spur, projects N., 10 ft. above ¼ sec. cor., desc. a gentle W. slope to,
51.30	Head of draw, drains N. 20° E., 15 ft. below spur; asc. along a SE. slope to,
58.30	Spur, projects N., 85 ft. above draw; desc. a gentle W. slope to,
67.00	Draw, drains N. 10° E., 55 ft. below spur; asc. a gentle E. slope to,
73.30	Spur, projects N., 35 ft above draw; desc. along top of bench to,
80.00	On the top of a bench, set an iron post, 3 ft. long and 2 ins. in dia., 8 ins. in the ground to solid rock and 19 ins in a mound of stone for the cor. of secs. 5, 6, 31 and 32, with a brass cap marked: T 11 S R 22 E; S 31 | S 32; S 6 | S 5; T 12S. 1922 from which A juniper, 3 ins. in dia., bears N. 25°30' E., 36 lks dist., marked "BT" only. No other trees available

T. 12 S., R. 22 E.
Survey of the North Boundary

Chains	
	Land; rolling top of bench, shallow sw les draining N.
	Soil; deep, dark colored, sandy loam,
	Timber; few scattering pinon and juniper.
	Undergrowth; scant sagebrush, shadscale and bunch grass.
	Good grazing.
	N. 89°57' W. bet. secs. 6 and 31.
	Over mountainous land, through scattering timber and scant undergrowth; desc. a W. slope to,
7.80	Wash, drains NW., 30 ft below sec. cor.; asc. an E. slope to,
34.80	Spur, projects N., 70 ft above wash; desc. a W slope to,
40.00	On a W. slope, 90 ft. below spur, set an iron post, 3 ft long and 1 in. in dia., 18 ins. in the ground to solid rock and 9 ins. in a mound of stone for the ¼ sec. cor. with a brass cap marked:

$$\frac{1}{4}\ \frac{S\ 31}{S\ 6}$$
1922

from which

A juniper, 4 ins. in dia., bears S. 32°00' E., 101 lks. dist., marked ¼S6BT.

A juniper, 3 ins. in dia., bears N. 32°00' E., 10 lks. dist., marked ¼S31BT.

45.50	Draw, drains NW., 70 ft below ¼ sec. cor.; asc. along a NE slope to,
50.80	Spur, projects NW., level with the draw, desc. a W slope
78.03	Intersect the cor. of Ts. 11 and 12 S., Rs. 21 and 22 E., heretofore described; 135 ft below spur.
	Land, mountainous, shallow draws draining N.
	Soil, light colored, sandy loam on sandstone bedrock.
	Timber; scattering pinon and juniper.
	Undergrowth, scant sagebrush, shadscale and bunch grass.
	Good grazing.

Subdivisions

Chains	
	I commence, at the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the Tp., which is an iron post marked and witnessed as described in the notes of T. 13 S., R. 22 E.,
	Thence.
	N. 0°01' W. bet. secs. 35 and 36.
	Over low hills, through scattering growth of sagebrush and shadscale; desc. along NW slope to,
18.90	Swale, drains N. 70° W., 20 ft. below sec. cor.; asc. along a SW. slope to,
24.70	Spur, projects SE., 40 ft. above swale; desc. along a NW. slope to,
30.10	Wash, drains S. 60° W., 40 ft. below spur; asc. a S. slope to,
40.00	On a S. slope, 5 ft. above wash, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in the ground for ¼ sec. cor., with a brass cap marked:

¼

S 35 | S 36

1922

Raise a mound of stone, 2 ft. base and 1½ ft. high, W. of the post.

48.90	Old road, bears E. and W.
53.60	Enter scattering pinon and juniper, bears E. and W.
60.00	Ridge, bears N. 60° W., and S. 60° E., 45 ft. above ¼ sec. cor.; desc. along a NE slope to,
76.40	Draw, drains NE., 165 ft. below ridge, asc. a S slope to
80.00	On a S. slope, 10 ft. above draw, set an iron post, 3 ft. long and 2 ins. in dia., 27 ins. in the ground to solid rock for the cor. of secs. 25, 26, 35 and 36, with a brass cap marked:

T 12 S R 22 E

S 26 | S 25

S 35 | S 36

1922

Chains	
	from which
	A pinon, 6 ins. in dia., bears N. 66°00' E., 66 lks. dist., marked T12SR22ES25BT.
	A juniper, 4 ins. in dia., bears S. 11°15' E., 618 lks. dist., marked T12SR22ES36BT.
	A juniper, 4 ins in dia., bears S. 61°00' W., 205 lks. dist., marked "BT" only.
	A juniper, 5 ins. in dia., bears N. 63°00' W., 174 lks. dist., marked "BT" only.
	The trees are small and scrubby and it is not possible to place all markings thereon.
	Land; low rolling hills: Drainage S. and E.
	Soil; light colored, sandy loam.
	Timber, scattering pinon and juniper.
	Undergrowth; scant sagebrush, shadscale and bunch grass
	Fair grazing.

	S. 89°58' E. on random line bet. secs. 25 and 36.
40.00	Set a temp. ¼ sec. cor.
80.18	Intersect the E. bdy. of the Tp. at a point 14 lks. N. of the cor. of. secs. 25, 30, 31 and 36, which is an iron post, marked and witnessed as described inthe notes of T. 12 S., R. 23 E.;
	Thence N. 89°52' W. on true line bet secs. 25 and 36.
	Over rolling hills, through medium growth of timber and scattering undergrowth; asc. a gentle E. slope to,
12.90	Thence along a flat top of a spur to
25.00	Spur, projects E., 15 ft. above sec. cor., desc. along a NW slope to,
40.09	On a NW slope, 5 ft below spur, set an iron post, 3 ft. long and 1 in. in dia., 27 ins in a mound of stone, over a cross marked (X) in solid rock for the ¼ sec. cor., with a brass cap marked:

Chains	
	$\frac{1}{4}$ $\frac{S\ 25}{S\ 36}$ 1922
	from which
	A juniper, 7 ins. in dia., bears S. 51°30' E., 66 lks. dist., marked ¼S36BT.
	A juniper, 5 ins. in dia., bears N 70°00' E., 42 lks. dist., marked ¼S25BT.
44.20	Draw, drains N., 20 ft below ¼ sec. cor.; asc. along a NE slope to,
61.30	Spur, projects N., 160 ft. above draw; desc. along a NW. slope to,
66.20	Draw, drains N., 70 ft. below spur, asc. along a NE. slope to,
71.50	Spur, projects N., 60 ft above draw; desc. along a NW. slope to,
76.00	Draw, drains NE., 45 ft. below spur; asc. along a SE. slope to,
80.18	The cor. of secs. 25, 26, 35 and 36.
	Land, low rolling hills: Drainage; N.
	Soil, sandy to rocky loam.
	Timber, medium growth of pinon and juniper.
	Undergrowth, sagebrush, shadscale and bunch grass.
	Good grazing.

	N. 0°01 W. bet. secs. 25 and 26.
	Over rolling hills, through scattering timber and scant undergrowth ; asc. along a SE. slope to
1.80	Spur, projects E., 20 ft. above sec. cor., desc. a N. slope to,
6.80	Draw, drains E., 35 ft. below spur; asc. a S. slope to,
9.10	Spur, projects E., 50 ft. above draw; desc. along a NE. slope to,
19.50	Draw, drains N. 70° E., 55 ft. below spur; asc. a long a SE. slope to,

T. 12 S., R. 22 E.

Subdivisions

Chains	
24.30	Spur, projects NE., 35 ft. above draw; desc. along a NW. slope to,
39.90	Draw, drains NW., 90 ft. below spur; asc. along a SE. slope to,
40.00	On a SE. slope, 5 ft above draw, set an iron post, 3 ft. long and 1 in. in dia., 8 ins. in the ground to solid rock and 19 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked:

$\frac{1}{4}$

S 26 | S 25

1922

from which

A juniper, 5 ins. in dia., bears N. 83°00' E., 29 lks. dist., marked "BT",(scrubby)

A juniper, 4 ins. in dia., bears N. 33°30' W., 110 lks dist., marked ¼S26BT.

52.00	Spur, projects NE., 50 ft above ¼ sec. cor., desc. along a NW. slope to,
80.00	On a NW slope, 90. ft below spur, set an iron post, 3 ft. long and 2 ins. in dia., 27 ins. in the ground for the cor. of secs. 23, 24, 25 and 26, with a brass cap marked

T 12 S R 22 E

S 23 | S 24

S 26 | S 25

1922

from which

A juniper, 5 ins in dia., bears N. 12°00' E., 176 lks. dist., marked T12SR22ES24BT

A juniper, 5 ins. in dia., bears S. 16°45' E., 210 lks. dist., marked "BT" only.

A juniper, 4 ins. in dia., bears S. 30°00' W., 340 lks. dist., marked "BT" only.

A juniper, 6 ins. in dia., bears N. 01°15' W., 107 lks. dist., marked T12SR22ES23BT.

The trees are small and scrubby.

Land, mountainous: Drainage NE.

Soil, sandy to rocky loam.

Timber, scattering pinon and juniper.

Chains	
	Undergrowth; scant sagebrush, shadscale and bunch grass. Fair grazing.
	S 89°52' E. on random line bet. secs. 24 and 25.
40.00	Set a temp. ¼ sec. cor.
80.05	Intersect the E. bdy. of the Tp. at a point 14 lks. S of the cor. of. secs. 19, 24, 25 and 30, which is an iron post, marked and witnessed as described in the notes of T. 12 S., R. 23 E.
	Thence N. 89°58' W. on true line bet. secs. 24 and 25.
	Over rolling hills, through medium timber and undergrowth, desc. along a NW slope to,
2.40	Draw, drains NE., 15 ft. below sec. cor.; asc. along a SE. slope to,
11.60	Spur, projects S, 10 ft above draw; desc. along a SW. slope to,
17.90	Draw, drains SE. 50 ft. below spur; asc. along a NE. slope to,
21.30	Spur, projects N., 35 ft. above draw; desc. along a NW. slope to,
26.40	Draw, drains NE., 20 ft. below spur; asc. an E slope to,
40.02½	On an E. slope, 75 ft above draw, set an iron post, 3 ft. long and 1.in. in dia., 27 ins. in a mound of stone over a cross (X) cut in solid rock for the ¼ sec. cor., with a brass cap marked:

$$\frac{1}{4}\ \frac{S\ 24}{S\ 25}$$
1922

from which

A pinon, 4 ins. in dia., bears S 19°45' E., 75 lks. dist., marked ¼S25 BT.

A pinon, 16 ins. in dia., bears N. 82°15' E., 160 lks. dist., marked ¼S24BT.

48.30	Spur, projects N., 45 ft. above ¼ sec. cor.; desc. along a NW slope to,
54.30	Draw, drains NE., 45 ft. below spur; asc. along a NE. slope to,

Chains	
78.20	Spur, projects NW., 165 ft above draw; desc. a W slope to
80.05	The cor. of secs. 23, 24, 25 and 26, 130 ft below spur.
	Land; rolling hills: Drainage; N.
	Soil; light colored, sandy loam on a snadstone bedrock.
	Timber, medium growth of pinon and juniper.
	Undergrowth, sagebrush, shadscale and bunch grass.
	Good grazing.

N. 0°01' W. bet, secs. 23 and 24.

Over rolling hills, through scattering timber and undergrowth; desc. along a NW. slope to,

3.00 Draw, drains W., 5 ft. below sec. cor., asc. along a SW slope to,

12.80 Spur, projects SW., 30 ft. above draw; desc. along a NW. slope to,

40.00 On a NW. slope, 70 ft. below spur, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in the ground for the ¼ sec. cor., with a brass cap marked:

¼

S 23 | S 24

1922

No bearing trees available and a mound of stone and pits being impracticable I deposit a sandstone, 6 x 5 x 3 ins. marked (X) at the base of the post.

55.80 Draw, drains NE., 70 ft. below ¼ sec. cor.

58.10 Recross draw, drains NW., asc. along a SW. slope to,

75.00 Spur, projects NW., 35 ft above draw; desc. along a NE. slope to,

80.00 On a NE. slope, level with the spur, set an iron post, 3 ft. long and 2 ins. in dia., 4 ins in the ground to solid rock and 23 ins. in a mound of stone for the cor. of secs. 13, 14, 23 and 24, with a brass cap marked:

T 12 S R 22 E

S14 | S 13

S 23 | S 24

1922

Chains	
	True cor. point marked (X) in solid rock. No trees available.
	Land, rolling hills: Drainage NW. and W.
	Soil; rocky loam of sandstone origin on a sandstone be
	Timber; scattering pinon and juniper.
	Undergrowth, sagebrush, shadscale and bunch brass.
	Good grazing.

	S. 89°58' E. on random line bet. secs. 13 and 24.
40.00	Set a temp. ¼ sec. cor.
80.00	Intersct the E. bdy of the Tp. at a point 10 lks. S. of the true point of cor. of secs. 13, 18, 19 and 24, the description of which is contained in the notes of T. 1 S., R. 23 E.
	Thence S. 89°58' W. on true line bet. secs. 13 and 24.
	Over mountainous land, through scattering timber and scant undergrowth; asc. along a SE. slope to,
.30	Draw, drains NE., level with the sec. cor; thence along bottom of draw to,
25.20	Leave draw, 20 ft. above sec. cor.; asc. along a NE. slope to,
40.00	On a NE. slope, 165 ft. above draw, set an iron post, 3 ft. long and 1 in. in dia., 8 ins in the ground to solid rock and 20 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked:
	¼ S 13 / S 24 1922
	from which
	A pinon, 5 ins. in dia., bears S. 26°00' W., 105 lks. dist., marked ¼S24BT.
	A juniper, 5 ins. in dia., bears N. 07°15' W., 3 lks. dist., marked ¼S13BT.
45.00	Spur, projects NE., 15 ft. above ¼ sec. cor. desc. alo a NW. slope to.
56.90	Draw, drains NE., 50 ft. below spur; asc. along a

Chains	
	a slope to,
71.40	Spur, projects NE., 135 ft. above draw; desc. a W slope to
78.10	Draw, drains NW., 15 ft. below spur; asc. an E. slope to
80.00	The cor. of secs. 13, 14, 23 and 24.
	Land, mountainous: Drainage N.
	Soil, light colored, rocky loam.
	Timber; scattering pinon and juniper.
	Undergrowth, sage brush, shadscale and bunch grass. Good grazing.

N. 0°01' W. bet. secs. 14 and 13.

Over mountainous land, through scattering timber and scant undergrowth; desc. along a NE. slope to,

8.30 Draw, drains W., 60 ft. below sec. cor., asc. a S. slope to,

28.60 Spur, projects W, 175 ft. above draw; desc. along a NW. slope to,

40.00 On a NW. slope, 35 ft. below spur, set an iron post, 3 ft. long and 1 in. in dia., 27 ins in the ground for the ¼ sec. cor., with a brass cap marked:

¼

S 14 | S 13

1922

from which

A pinon, 5 ins. in dia., bears N. 44°30' E., 40 lks. dist., marked ¼S13BT.

A pinon, 5 ins in dia., bears S. 79°45' W., 40 lks. dist., marked ¼S14BT.

40.30 Small draw, drains W., 5 ft. below ¼ sec. cor. asc. a S. slope to,

45.20 Top of conical hill, 190 ft. above draw; desc. a N. slope to.

78.40 Draw, drains NE., 150 ft. below hill; asc. along a SE. slope to,

80.00 On the top of a small spur, projecting E., 25 ft. above

Chains	
	draw, set an iron post, 3 ft. long and 2 ins. in dia. 7 ins. in the ground to solid rock and 20 ins. in a mound of stone for the cor. of secs. 11, 12, 13 and 14 with a brass cap marked:

T 12 S	R 22 E
S 11	S 12
S 14	S 13

1922

from which

A juniper, 3 ins in dia., bears N. 65°00' E., 177 lks. dist., marked "BT" only.

A juniper, 3 ins. in dia., bears N. 50°15' W., 118 lks. dist., marked "BT" only.

No other trees available: Trees small and scrubby

Land, mountainous, prominent conical hill at 45.20: chs.

Drainage NW. in the S. and NE in the N.

Soil, sandy to rocky loam on a sandstone bedrock.

Timber, scattering pinon and juniper.

Undergrowth; sagebrush, shadscale and bunch grass.

Fair grazing.

	N. 89°58' E. on random line bet, secs. 12 and 13.
40,00	Set a temp. ¼ sec. cor.
79.94	Intersect the E. bdy. of the Tp at a point 5 lks S of the true point for cor. of secs. 12, 13, 7, and 18, the description of which is contained in the notes of T. 12 S., R. 23 E.
	Thence S. 89°56' E. on true line bet. secs. 12 and13.
	Over mountainous land, through scattering timber and scant undergrowth; asc along a SE. slope to.
5.50	Spur, projects NE., 165 ft above true cor. point; desc. along a NW slope to,
10.60	Draw, drains N., 155 ft. below spur; asc. along a SE. slope to,
13.00	Spur, projects SE., 20 ft. above draw; desc.along a SW. slope to,

Chains	
39.97	On a SW. slope, 15 ft. below spur, set an iron post, 3 ft long and 1 in. in dia., 3 ins. in the ground to solid rock and 24 ins in a mound of stone for the ¼ sec. cor., with a brass cap marked:
	¼ S 12 / S 13 1922
	from which
	A juniper, 5 ins. in dia., bears S. 17°00' W., 56 lks. dist., marked ¼S13BT.
	A pinon, 3 ins in dia., bears N. 80°15' W., 118 lks. dist., marked "BT" only.
42.00	Draw, drains S. 75° E., 10 ft. below ¼ sec. cor., asc. along a SE. slope to,
52.90	Recross draw, drains NE; asc. along a SE. slope to
57.90	Spur, projects NE., 165 ft. above draw; desc. along a W. slope to,
73.80	Wash, 10 lks. wide and 5 ft. deep in the bottom of a draw, 80 ft. below spur, drains N.; asc. an E slope to,
79.94	The cor. of secs. 11, 12, 13 and 14, 10 ft. above wash.
	Land; mountainous: Drainage; NE.
	Soil; rocky, light colored loam on sandstone bedrock.
	Timber, scattering pinon and juniper.
	Undergrowth, sagebrush, shadscale and bunch grass.
	Good grazing.

	N. 0°01' W. bet. secs. 11 and 12.
	Over mountainous land, through scattering timber and scant undergrowth; asc. along a gentle SW. slope to,
7.50	Spur, projects NE., 60 ft above sec. cor., desc. along a NW. slope to,
11.40	Draw, drains NE. 60 ft. below spur; asc. along a SW. slope to,
18.30	Spur, projects N. 15° E., 45 ft. above draw; desc. along a NW. slope to

T. 12 S., R. 22 E.

Subdivisions

Chains	
39.90	Draw, drains N. 80° E., 115 ft. below spur, asc. along a SE. slope to,
40.00	On a SE. slope, 5 ft above draw, set an iron post, 3 ft long and 1 in. india., 12 ins. in the ground to solid rock and 15 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked: ¼ S 11 | S 12 1922 from which A juniper, 5 ins. in dia., bears S. 45°15' E., 56 lks. dist., marked "BT" only (Tree scrubby) A juniper, 5 ins. in dia., bears S. 88°15' W., 97 lks. dist., marked ¼S11BT.
50.40	Spur, projects SW., 130 ft. above ¼ sec. cor.; desc. along a NW. slope to,
70.50	Draw, drains N. 15° E., 155 ft. below spur; asc. along a SE. slope to,
80.00	On a SE slope, 30 ft. above draw, set an iron post, 3 ft long and 2 ins. in dia., 12 ins. in the ground to solid rock and 15 ins in a mound of stone for the cor. of secs. 1, 2, 11 and 12, with a brass cap marked: T 12 S | R 22 E S 2 | S 1 S 11 | S 12 1922 from which A juniper, 7 ins. in dia., bears N. 62°15' E., 123 lks. dist., marked T12SR22ES1BT. A juniper, 4 ins. in dia., bears S. 04°15' E., 77 lks. dist., marked "BT" only (scrubby) A juniper, 6 ins in dia., bears S. 48°30' W., 213 lks. dist., marked T12 SR22ES11BT. A juniper, 4 ins. in dia., bears N. 33°15' W., 46 lks. dist., marked "BT" only (scrubby)

Land, mountainous. Drainage NE.

Soil; light colored, sandy to rocky loam.

Chains	
	Timber; scattering pinon and juniper.
	Undergrowth, sagebrush, shadscale and bunchgrass.
	Good grazing.
	N. 89°56' E. on random line bet, secs. 1 and 12.
40.00	Set a temp. ¼ sec. cor.
79.96	Intersect the E. bdy. of the Tp. at a point 7 lks. S of the true cor. point for secs. 1, 6, 7, and 12, the description of which is contained in the notes of T. 12 S., R. 23 E.
	Thence S. 89°53' W. on true line bet, secs. 1 and 12.
	Overmountainous land, through a scant undergrowth; asc. along a SE. slope to,
3.80	Spur, projects S., 50 ft. above true cor. point; desc. a W slope to,
6.30	Ledge, bears N. and S. 120 ft. high.
11.70.	Bitter Creek, 18 lks. wide and 8 ins. deep, flow s NW., 175 ft. below spur; asc. a gentle E. slope along the bottom of a draw to
24.70	Leave draw; asc. along a SE. alope to,
39.98	On a SE. slope, 110 ft. above Bitter Creek, set an iron post, 3 ft. long and 1 in. in dia., 4 ins. in the ground to solid rock and 23 ins in a mound of stone for the ¼ sec. cor., with a brass cap marked:

$$\frac{1}{4}\ \frac{S\ 1}{S\ 12}$$
1922

Deposit a sandstone, 12 x 8 x 4 ins. marked (X), at the base of the post: No bearing trees available.

52.90	Spur, projects NE., 60 ft. above ¼ sec. cor.; desc. along a NW. slope to,
57.90	Draw, drains N. 10° E., 15 ft below spur; asc. along a SE. slope to,
62.80	Spur, projects N. 20° E., 80 ft. above draw; desc. a W slope to,
63.50	Enter scattering timber, bears N. and S.

Chains	
67.10	Draw, drains N., 55 ft, below spur; asc. along a [illegible] slope to,
72.80	Spur, projects N., 55 ft above draw; desc. a W slope to,
77.20	Draw, drains N., 30 ft. below spur; thence along level bottom to,
79.96	The cor. of secs. 1, 2, 11 and 12.
	Land, mountainous. Drainage, NE. into Bitter Creek.
	Soil, light colored, sandy to rocky loam.
	Timber, scattering pinon and juniper in the W. 17 chains.
	Undergrowth; sagebrush, shadscale and bunch grass.
	Good grazing.

	N. 0°01' W. on random line bet. secs. 1 and 2.
40.00	Set a temp. ¼ sec. cpr.
80.00	Intersect the N. bdy. at a point 7 lks. E of the cor. of secs. 1, 2, 35 and 36 heretofore described.
	Thence S.0°04' E. on true line bet. secs. 1 and 2.
	Over rolling hills, through a scant undergrowth; asc. along a gentle SW. slope to,
5.00	Spur, projects W, 30 ft. above sec. cor.; desc. a S. slope to,
6.50	Old road, bears NE. and SW.
8.70	Wash, drains NE., 60 ft. below spur; asc. a N slope to,
18.50	Spur, projects NE., 155 ft. above wash; desc. along a SE. slope to,
23.50	Draw, drains NE., 70 ft, below spur; asc. a N. slope to,
35.70	Spur, projects N. 15° E., 50 ft. above draw; desc. along a gentle SE. slope to,
40.00	On a gentle SE. slope, level with the spur, set an iron post, 3 ft. long and 1 in. in dia., 4 ins in the ground to solid rock and 23 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked:

¼

S 2 | S 1

1922

Chains	
	Deposit a sandstone, 10 x 6 x 4, marked (X), at the base of the post.
44.00	Swale, drains N. 25° E., 55 ft below ¼ sec. cor.; enter scattering timber, bears NW. and SE.; asc. a N. slope to
61.90	Spur, projects N. 35° E., thence along a broken E slope to
80.00	The cor. of secs. 1, 2, 11 and 12, level with the spur,
	Land; rolling hills: Drainage; NE.
	Soil; light colored sandy loam, sandstone bedrock.
	Timber; pinon and juniper in the S. 36.00 chains.
	Undergrowth, sagebrush, shadscale and bunch grass.
	Good grazing.

From the cor. of secs. 2, 3, 34 and 35 on the S. bdy. of the Tp. which is an iron post, the description of which is contained in the notes of T. 13 S., R. 22 E.,

Thence N. 0°01' W. bet. secs. 34 and 35.

Over low rolling hills, through medium undergrowth; desc. a N. slope to,

Chains	
.50	Enter wash, drains N., 15 lks. wide and 10 ft. deep.
8.90	Leave wash, drains N. 10° E., desc. a N. slope to,
40.00	On a gentle N. slope, 120 ft below sec. cor., set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in the ground for the ¼ sec. cor., with a brass cap marked:

¼

S 34 | S 35

1922

Raise a mound of stone, 2 ft. base and 1½ ft. high, W of the post.

Chains	
52.00	Draw, drains N. 50° W., 20 ft. below the ¼ sec. cor.; asc. along a broken S. slope to,
56.00	Road, Willow Creek to Watson, Utah, bears E. and W.
64.90	Spur, projects SE., 80 ft above draw, desc. along a NW. slope to,
72.70	Swale, drains SW., 45 ft, below spur; asc. along a SE. slope to,

T. 12 S., R. 22 E.

Subdivisions

Chains	
80.00	On a SE. slope, 60 ft. above swale, set an iron post, 3 ft. long and 2 in. in dia., 8 ins. in the ground to solid rock and 20 ins. in a mound of stone for the cor of secs. 26, 27, 34 and 35, with a brass cap marked:

T 12 S R 22 E
S 27 | S 26
S 34 | S 35
1922

Deposit a sandstone, 10 x 8 x 6 ins. marked (X), at the base of the post.

Land; rolling hills: Drainage; NW.

Soil; light colored sandy loam.

Timber, none.

Undergrowth, sagebrush and shadscale.

Good grazing.

	S. 89°58' E. on random line bet. secs. 26 and 35.
40.00	Set a temp. ¼ sec. cor.
80.12	Intersect the N. and S. line at a point 25 lks. S of the cor. of secs, 25, 26, 35 and 36.
	Thence S. 89°51' W. on true line bet. secs. 26 and 35.
	Over low hills, through scattering timber and scant undergrowth; asc. an E. slope to,
12.40	Spur, projects N., 110 ft. above sec. cor.,; desc. along a NW. slope to,
24.80	Leave timber, bears NE. and SW.
30.60	Reenter timber, bears N. and S.
36.30	Swale, drains N., 15 ft/ below spur; asc. along a NE. slope to,
40.06	On a NE. slope, 30 ft. above swale, set an irom post, 3 ft. long and 1 in. in diam., 4 ins in the ground to solid rock and 23 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked:

¼ S 26
S 35
1922

T. 12 S., R. 22 E.

Subdivisions

Chains	
	from which
	A pinon, 16 ins. in dia., bears South, 27 lks dist., marked ¼S35BT.
	A pinon, 8 ins. in dia., bears N. 05°15' E., 39 lks. dist., marked ¼S26BT
51.80	Spur, projects N., 15 ft. above the ¼ sec. cor., desc. along a NW. slope to,
56.50	Swale, drains N., 20 ft below spur; asc. an E slope to,
61.50	Ridge bet. Willow Creek and Bitter Creek, bears N. and S., 75 ft. above swale; desc. a gentle W. slope to,
76.50	Swale, drains SW., 30 ft. below ridge; asc. along a SE. slope to,
80.12	The cor. of secs. 26, 27, 34 and 35.
	Land, low rolling hills: Drainage N. in the E. half and SW. in the W. half.
	Soil, light colored, sandy loam.
	Timber, scattering pinon and juniper.
	Undergrowth, sagebrush, shadscale and bunch grass.
	Good grazing.
	N. 0°01' W. bet. secs. 26 and 27.
	Over rolling hills, through scattering timber and scant undergrowth; asc. along a SE. slope to,
9.00	Road bears E. and W.
36.30	Spur, projects E, 105 ft. above sec. cor.; desc. along a NE. slope to,
40.00	On a NE. slope, 40 ft. below the spur, set an iron post 3 ft. long and 1 in. in dia., 12 ins in the ground to solid rock and 15 ins. in a mound of stone for the ¼ sec. cor., whith a brass cap marked:
	¼ S 27 | S 26 1922
	from which

Chains	
	A pinon, 9 ins. in dia., bears N. 19°45' E., 33 lks. dist., marked ¼S26BT.
	A pinon, 9 ins. in dia., bears N. 64°15' W., 14 lks. dist.,marked ¼S27BT.
65.00	Saddle in spur, projects N. 15° E., 290 ft above ¼ sec. cor.; asc. along a S. slope to,
75.30	Desc. along a W. slope to,
80.00	On a W. slope, 40 ft. below break, set an iron post, 3 ft long and 2 ins. in dia., 27 ins. in the ground for the of secs. 22, 23, 26 and 27, with a brass cap marked:

T 12 S R 22 E
S 22 | S 23
S 27 | S 26
1922

from which

A pinon, 8 ins. in dia., bears N. 42°30' E., 58 lks. dist., marked T12SR22ES23BT.

A pinon. 10 ins. in dia., bears S 03°00' E., 67 lks. dist., marked T12SR22ES26BT

A pinon, 8 ins. in dia., bears S. 65°15' W., 41 lks. dist., marked T12SR22ES27BT.

A pinon, 6 ins. in dia., bears N. 55°45' W., 35 lks. dist., marked T12SR22ES22BT.

Land; low rollinh hills: Drainage S. and W.

Soil; light colored sandy loam on a shale base.

Timber, pinon and juniper.

Undergrowth, sagebrush, shadscale and bunch grass.

N. 89°51' E. on random line bet. secs. 23 and 26.

40.00 Set a temp. ¼ sec. cor.

79.96 Intersect the N. and S. line at a point 33 lks N. of the cor. of secs. 23, 24, 25 and 26.

Thence N. 89°55' W. on true line bet. secs. 23 and 26.

Over rolling hills, through scattering timber and scant

Chains	
	undergrowth; along a N. slope to,
23.40	Spur, projects N., 50 ft above sec. cor.; desc. a broken W. slope to,
38.20	Swale, drains N., 75 ft. below spur, asc. along a NE. slop slope to,
39.98	On a NE. slope, 5 ft. above swale, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in the ground for the ¼ sec. cor., with a brass cap marked: $\frac{1}{4}$ S 23 / S 26 1922
	from which
	A juniper, 6 ins. ind dia., bears S. 87°00' W., 75 lks dist., marked ¼S26BT.
	A juniper, 6 ins. in dia., bears N. 30°00' W., 185 lks. dist. marked ¼S23BT.
41.50	Spur, projects N. 30 ft. above ¼ sec. cor.; desc. along a NW. slope to,
46.50	Swale, drains NE., 20 ft. below spur; asc. along a SE. slope to,
75.10	Spur, projects N. 15° E., 270 ft. above swale; desc. a W. slope to,
79.96	The cor. of secs. 22, 23, 26 and 27.
	Land, rolling hills: Drainage N.
	Soil; rocky loam on a shale base.
	Timber; pinon and juniper.
	Undergrowth; sagebrush, shadscale and bunch grass.
	Fair grazing

	N. 0°01' W. bet, secs. 22 and 23.
	Over mountainous land, through medium growth of timber and scant undergrowth; asc along a W slope to.
20.00	Spur, projects NW., 15 ft. above the sec. cor.; desc. a N. slope to,

T. 12 S., R. 22 E.

Subdivisions

Chains	
38.50	Draw, drains N. 70° W., 130m ft. below spur; asc. along a SW. slope to,
40.00	On a SW. slope, 20 ft. above draw, set an iron post, 3 ft. long and 1 in. in dia., 6 ins. in the ground to solid rock and 21 ins. in a mound of stone for the ¼ sec. cor with a brass cap marked:

¼

S 22 | S 23

1922

from which

A pinon, 7 ins. in dia., bears S. 76°15' E., 116 lks. diat., marked ¼S23BT.

A pinon, 7 ins. in dia., bears N. 22°00' W., 19 lks. dist.,,marked ¼S22 BT.

43.80	Spur, projects NW., 30 ft. above ¼ sec. cor.; desc. a broken N. slope to,
76.70	Swale, drains N., 225 ft. below spur; thence along bottom of swale to,
80.00	In the bottom of a swale, set an iron post, 3 ft long and 2 ins. in dia., 27 ins in the ground for the cor. of secs. 14, 15, 22 and 23, with a brass cap marked;

T 12 S R 22 E

S 15 | S 14

S 22 | S 23

1922

Raise a mound of stone, 2 ft. base and 1½ ft. high, W. of the cor.: No bearing trees available.

Land, mountainous: Drainage; NW

Soil, light colored, sandy loam.

Timber, scattering pinon and juniper.

Undergrowth, scant sagebrush, shadscale and bunch grass.

Good grazing.

S. 89°55' E. on random line bet. secs. 14 and 23.

Subdivisions

Chains	
40.00	Set a temp. ¼ sec. cpr.
79.92	Intersect the N. and S. line at a point 16 lks. S. of the cor. of secs. 13, 14, 23 and 24.
	Thence S. 89°58' W. on true line bet. secs. 14 and 23.
	Over rolling hills, through scattering timber and scant undergrowth; asc. along a NE. slope to,
4.30	Spur, projects NW., level with the sec. cor.; desc. a W. slope to,
16.40	Draw, drains W., 85 ft. below the spur; asc. along a SE. slope to,
18.40	Old. Road, bears N. and S.
39.96	On the top of a spur, projecting N., 100 ft. above the draw, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in the ground for the ¼ sec. cor., with a brass cap marked:
	¼ S 14 / S 23 1922
	from which
	A juniper, 6 ins. in dia. bears S. 35°15' E., 28 lks. dist. marked ¼S23BT.
	A pinon, 6 ins. in dia., bears N. 72°45' E., 138 lks. dist., marked ¼S14BT.
54.60	Draw, drains N. 25 ft. below the ¼ sec. cor.; asc. along a broken NE. slope to,
65.90	Spur, projects NW., 65 ft. above draw; desc. along a SW. slope to,
73.90	Draw, drains NW., 55 ft. below spur; asc. along a NE. slope
76.50	Spur, projects N., 45 ft. above draw; desc. a gentle W. slope to,
79.92	The cor. of secs. 14, 15, 22 and 23.
	Land, mountainous: Drainage; N.
	Soil; light colored, sandy to rocky loam,
	Timber, scattering pinon and juniper.
	Undergrowth, scant sagebrush, shadscale and bunch grass.
	Good grazing.

T. 12 S., R. 22 E.

Subdivisions

Chains	
	N. 0°01' W. bet. secs. 14 and 15.
	Over rolling hills, through scattering timber and scant undergrowth; desc. a gentle N. slope along bottom of a draw to,
6.80	Leave draw, drains NW., 25 ft velow sec. cor.; asc. along a SW. slope to,
11.30	Spur, projects NW., 45 ft. above draw; desc. along a NW. slope to,
26.60	Draw, drains N. 15° E., 100 ft. below spur; asc. along a gentle SE. slope to,
40.00	On a gentle SE. slope, level with the draw, set an iron post, 3 ft. long and 1 in in dia., 27 ins. in the ground for the ¼ sec. cor., with a brass cap marked:

¼

S 15 | S 14

1922

Raise a mound of stone, 2 ft. base and 1½ ft. high, W. of the post: No bearing trees available.

59.80	Spur, projects N., 45 ft above ¼ sec. cor.; desc. along a NE. slope to,
80.00	On a NE. slope 105 ft. below spur, set an iron post, 3 ft long and 2 ins. in dia., 27 ins. in the ground for the cor. of secs. 10, 11, 14 and 15, with a brass cap marked:

T 12 S | R 22 E

S 10 | S 11

S 15 | S 14

1922

from which

A pinon, 6 ins. in dia., bears S. 22°15' W., 174 lks dist., marked T12SR22ES15BT.

A juniper, 8 ins. in dia., bears N.29°45' W.,259 lks. dist. marked: T12SR 2ES10BT.

No other trees available: Raise a mound of stone 2 ft. base and 1½ ft high W of the post.

Land, mountainous. Drainage NW.

Soil; light colored, sandy to ricky loam.

Timber, scattering pinon and juniper.

Undergrowth, scant sagebrush, shadscale and bunch grass

Chains	
	Good grazing.
	N. 89°58' E. on random line bet. secs. 11 and 14.
40.00	Set a temp. ¼ sec. cor.
79.90	Intersect the cor. of secs. 11, 12, 13 and 14.
	Thence S. 89°58' W. on true line bet secs. 11 and 14.
	Over rolling hills, through scattering timber and scant undergrowth; asc. an E. slope to,
2.90	Spur, projects N., 15 ft. above sec. cor.; desc. a broken W. slope to,
15.30	Draw, drains N., 60 ft. below spur; asc. along a NE. slope
28.00	Spur, projects N. 85 ft. above draw; desc. a W. slope to,
39.95	On a W. slope, 110 ft. below spur, set an iron post, 3 ft. long and 1 in. in dia., 10 ins. in the ground to solid rock and 17 ins. in a mound of stone for the ¼ sec. cor. with a brass cap marked:

$$\frac{1}{4}\ \frac{S\ 11}{S\ 14}$$
1922

from which

A juniper, 8 ins. in dia., bears S. 54°00' W., 44 lks. dist., marked ¼S14BT.

A juniper 6 ins. in dia., bears N. 13°00' E., 68 lks. dist., marked ¼S11BT.

46.40	Draw, drains NW., 30 ft. below ¼ sec. cor.; asc. along a NE. slope to,
53.60	Spur, projects NW., 25 ft above draw; desc. a W. slope to,
62,50	Draw, drains N., 130 ft. below spur; asc. along a NE. slope to.
63.80	Old road, bears N. and S.
79.90	The cor. of secs. 10, 11, 14 and 15.
	Land; broken hills, numerous small draws draining N.
	Soil; light colored sandy loam.
	Timber; scattering pinon and juniper.
	Undergrowth, scant sagebrush, shadscale and bunchgrass.
	Good grazing.

T. 12 S. R. 22 E.

Subdivisions

Chains	
	N. 0°01' W. bet. secs. 10 and 11.
	Over rolling hills, through scattering timber and scant undergrowth; desc. along a NE. slope to,
12.20	Draw, drains N.E., 25 ft. below the sec. cor.; acs. along a SE. slope to,
28.50	Spur, projects NE., 60 ft. above draw; desc along a NE. slope to,
40.00	On a NE. slope, 55 ft. below spur, set an iron post, 3 ft. long and 1 in. in dia., 12 ins. in the ground to solid rock and 15 ins. in a mound of stone for the ¼ sec. cor, with a brass cap marked;

¼

S 10 | S 11

1922

from which

A juniper, 6 ins in. dia., bears S 6°00' W., 143 lks. dist., marked ¼S10BT.

A juniper, 6 ins. in dia., bears S. 27°30' E, 29 lks dist., marked ¼S11BT.

57.30	Draw, drains E, 5 ft. below ¼ sec. cor.; asc. along a SE. slope to,
65.00	Spur, projects E., 85 ft. above draw; desc. along a NW. slope to,
73.00	Swale, drains NE., 95 ft. below spur; asc. along a SE. slope to,
80.00	On a SE. slope, 20 ft. above swale, set an iron post, 3 ft. long and 2 ins. in dia., 12 ins. in the ground to solid rock and 15 ins. in a mound of stone for the cor. of secs. 2, 3, 10 and 11, with a brass cap marked:

T 12 S R 22 E

S 3 | S 2

S 10 | S 11

1922

From which

A juniper, 8 ins, in dia., bears N. 63°30' E., 10 lks. dist., marked T12SR22ES2BT.

A juniper, 8 ins, in dia., bears S. 44°30' E., 25 lks dist., marked T12SR22ES11BT.

Chains	
	A pinon, 8 ins. in dia., bears S. 35°45' W., 57 lks. dist., marked T12SR22ES10BT.
	A juniper, 8 ins. in dia. bears N. 65°45' W., 53 lks. dist., marked T12SR22ES3BT.
	Land, rolling hills and smalledraws draining N. and NE.
	Soil, light colored, sandy loam.
	Timber, scattering pinon and juniper.
	Undergrowth, scant sagebrush, shadscale and bunchgrass.
	Good grazing
	N. 89°58' E. on random line bet. secs. 2 and 11.
40.00	Set a temp. ¼ sec.cor.
80.06	Intersect the N. and S. line at a point 12 lks. N. of the cor. of secs. 1, 2, 11 and 12.
	Thence N. 89°57' W. on true line bet. secs. 2 and 11.
	Over rolling hills, through scattering pimber and scant undergrowth; asc. along a NE. slope to,
13.60	Spur, projects N., 110 ft. above sec. cor., desc.a broken W. slope to,
33.50	Draw, drains N, 210 ft. below spur; asc. along a NE. slope to,
39.56	On a NE. slope, level with the draw, set an iron post, 3 ft long and 1 in. in dia., 27 ins. in the ground for the W.C. for the ¼ sec. cor. with a brass cap marked: WC ¼ S 2 / S 11 1922. Raise a mound of stone, 2 ft. base and 1½ ft. high, W. of the post: No bearing trees available.
40.03	True point for the ¼ sec. cor. falls in a wash, 15 lks. wide and 5 ft. deep, draining N. 85° E., where the monument cannot be perpetuated. No cor. set.
46.00	Ledge, bears N, and S.,60 ft. high.
57.70	Spur, projects NE., 90 ft. above ¼ sec. cor.; desc. along a NW. slope to,
61.50	Swale, drains N., 25 ft. below spur, asc. along a SE. slope to,

Chains	
66.00	Spur, projects NE., 60 ft above swale; desc. W slope to,
74.60	Swale, drains NE., 20 ft. below spur., asc. along a NE. slope to,
80.06	The cor. of secs. 2, 3, 10 and 11.
	Land, rolling hills, small sandstone ledges: Drainage; NE.
	Soil, light colored, sandy loam.
	Timber, scattering pinon and juniper.
	Undergrowth, sagebrush, shadscale and bunhh grass.
	Good grazing.

	N. 0°04' W. on random line bet. secs. 2 and 3.
40.00	Set a temp. ¼ sec. cor.
80.06	Intersect the true point for cor. of secs. 2, 3, 34 and 35, heretofore described.
	Thence S. 0°04' E. on true line bet. secs. 2 and 3.
	Over rough, mountainous land, through scattering timber and scant undergrowth; desc. a S. slope to,
00.30	The WC. for cor. of secs. 2, 3, 34 and 35 heretofore desc.
2, 90	Draw, drains NW. 35 ft. below true cor. point; asc. along a NW. slope to,
8.30	Ledge on the top of a spur, bears E. and W. 205 ft. above draw; desc. along a SE. slope to,
20.10	Draw, drains NE. 480 ft. below ledge. asc. N. slope to,
33.10	Spur, projects E., 325 ft. above draw, desc. along a SE. slope to,
40.06	On a SE. slope, 250 ft. below spur, set an iron post, 3 ft. long an d 1 in. i dia. 3 ins. in the ground to solid rock and 24 ins in a mound of stone for the ¼ sec. cor., with a brass cap marked:

¼

S 3 | S 2

1992

True point for cor. marked (X) in solid rock: No bearing trees available.

59.50	Draw, drains NE., 110 ft. below ¼ sec. cor.; asc. along a NE. slope to,

T. 12 S., R. 22 E.

Subdivisions

Chains	
71.90	Spur, projects NE., 80 ft. above draw, desc, along a SE. slope to,
80.06	The cor. of secs. 2, 3, 10 and 11, 30 ft. below spur.
	Land; rough mountainous : Drainage; N.
	Soil; light colored rocky loam on a sandstone base.
	Timber; scattering pinon and juniper.
	Undergrowth; scant sagebrush, shadscale and bunchgrass.
	Good grazing.

	From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp. which is an iron post, marked and witnessed as described in the notes of T. 13 S., R. 22 E.
	Thence N. 0°02' W. bet. secs. 33 and 34.
	Over low, rolling hills, through scattering timber and scant undergrowth; desc. a gentle NW. slope to,
3.50	Draw, drains NW. 5 ft. below sec. cor.; asc. along a SW. slope to,
31.60	Spur, projects W., 40 ft. above draw; desc. along a NW. slope to,
40.00	On a NW. slope, 30 ft below spur, set an iron post, 3 ft. long and 1 in. in dia., 3 ins. in the ground to solid rock and 24 ins in a mound of stone for the ¼ sec. cor. with a brass cap marked:
	¼ S 33 | S 34 1922
	from which
	A juniper, 3 ins. in dia., bears S. 49°45' E., 15 lks. dist., marked "BT" only.
	A pinon, 4 ins. in dia., bears N. 86°15' W., 86 lks. dist., marked "BT" only.
	The trees are small and scrubby.
44.50	Leave timber, bears E. and W.
51.50	Swale, drains NW., 45 ft. below ¼ sec. cor.; asc. a S. slope to,
58.90	Spur, projects NW., 55 ft. above swale; desc. along a NE.

Chains

slope to,

77.70 Wash, 15 lks. wide and 10 ft. deep, drains NW, 125 ft. below spur; asc. a gentle S. slope to,

80.00 On a gentle S slope, 10 ft. above wash, set an iron post, 3 ft. long and 2 in. in dia., 27 ins. in the ground for the cor. of secs. 27, 28, 33 and 34, with a brass cap marked:

T 12 S	R 22 E
S 28	S 27
S 33	S 34

1922

Raise a mound of stone, 2 ft. base and 1½ ft. high, W. of the post.

Land, low, rolling hills; Drainage; NW.

Soil, light colored, sandy loam.

Timber, scattering pinon and juniper in the S. 44 chains.

Undergrowth, scant sagebrush, shadscale and bunch grass.

Good grazing.

S. 89°58' E. on random line bet. secs. 27 and 34.

40.00 Set a temp. ¼ sec. cor.

79.94 Intersect the N. and S. line at a point 5 lks. S. of the cor. of secs. 26, 27, 33 and 34.

Thence West on true line bet, secs. 27 and 34.

Over level land, through widely scattered timber and medium growth of undergrowth; along level top of a spur to,

27.20 Leave spur, desc. along a NW. slope to,

34.40 Road, bears NE. and SW.

35.00 Draw, trains SW., 50 ft below sec. cor.; asc. along a SE. slope to,

39.97 In the SE. slope of a spur, 30 ft. above draw, set an iron post, 3 ft long and 1 in. in dia., 7 ins. in the ground to solid rock and 20 ins. in a mound of stone for the ¼ sec. cor., with a brass cap amrked

Chains	
	$\frac{1}{4}$ S 27 / S 34 1922
	from which
	A pinon, 6 ins in dia., bears S. 7°00' E., 51 lks. dist., marked $\frac{1}{4}$S34BT.
	A pinon, 4 ins in dia., bears N. 56°30' W., 133 lks. dist., marked "BT" only. (scrubby)
	True cor. point marked (X) in solid rock.
46.20	Swale drains SW, 65 ft. below $\frac{1}{4}$ sec. cor.; asc. along a SE. slope to,
51.20	Spur, projects S., 20 ft. above swale; desc. along a SW. slope to,
75.30	Road, Willow Creek to Watson, Utah, bears NW. and SE
79.94	The cor. of secs. 27, 28, 33 and 34, 60 ft, below spur.
	Land, low rolling hills, broad swales draining NW.
	Soil, light colored, deep, sandy loam.
	Timber, few scattered pinon and juniper.
	Undergrowth, sagebrush, shadscale and bunch grass.
	Good grazing.

	N. 0°02' W. bet. secs. 27 and 28
	Over rolling hills, through scattering timber and scant undergrowth; asc. a S. slope to,
2.00	Road, Willow Creek to Watson, Utah, bears NW and SE.
18.80	Spur, projects SW., 70 ft. above sec. cor.; desc. along a NW. slope to,
32.50	Draw, drains SW., 15 ft below spur; asc. along a SW. slope to,
40.00	On a SW slope, 45 ft. above draw, set an iron post, 3 ft long and 1 in. india., 27½ ins in the ground for the $\frac{1}{4}$ sec. cor., with a brass cap marked:

$\frac{1}{4}$

S 28 | S 27

1922

T. 12 S., R. 22 E.

Subdivisions

Chains

from which

A pinon, 12 ins. on dia., bears S. 4°00' E., 65 lks. dist., marked ¼S27BT.

A pinon, 10 ins. in dia., bears S. 28°15' W., 114 lks. dist., marked ¼S28BT.

46.50 Spur, projects SW., 40 ft. above ¼ sec. cor.; desc. along A NW. slope to,

53.40 Draw, drains SW., 15 ft. below spur; asc. along a SE. slope to,

57.70 Spur, projects E., 50 ft. above draw; desc. a N slope to,

79.50 Draw, drains SE., 15 ft. below spur; asc. a S. slope to,

80.00 On a S. slope, 15 ft above draw, set an iron post, 3 ft. long and 2 ins. in dia., 27 ins in the ground for the cor. of secs. 21, 22, 27 and 28, with a brass cap marked:

T 12 S	R 22 E
S 21	S 22
S 28	S 27

1922

from which

A pinon, 9 ins. in dia., bears N. 3°15' E., 95 lks. dist., marked T12SR22ES22BT.

A juniper, 5 ins in dia., bears S. 44°00' E., 123 lks. dist., marked T12SR22ES27BT.

A juniper, 10 ins. in dia., bears S. 53°00' W., 188 lks. dist., marked T12SR22ES28BT.

A pinon, 5 ins. in dia., bears N. 54°00' W., 85 lks. dist., marked T12SR22ES21BT.

Land, mountainous: Drainage; NW. in the S. half and SE. in the N. half.

Soil, light colored sandy loam on a shale base.

Timber, pinon and juniper.

Undergrowth, sagebrush, shadscale and bunch grass.

Good grazing.

T. 12 S., R. 22 E

Subdivisions

Chains	
	East on random line bet. secs. 22 and 27.
40.00	Set a temp. ¼ sec. cor.
80.12	Intersect the N. and S. line at a point 2 lks. N. of the cor. of secs. 22, 23, 26 and 27.
	Thence N. 89°59' W. on true line bet. secs. 22 and 27.
	Over rolling hills, through medium timber and scant undergrowth; asc. along a NE. slope to,
1.00	Spur, projects N., 10 ft. above sec. cor.; desc. along a SW. slope to,
14.40	Draw, drains N., 90 ft. below spur; asc. an E. slope to,
19.40	Spur, projects N., 35 ft. above draw; desc. along a NW. slope to,
31.90	Wash, 40 lkd. wide and 5 ft. deep in the bottom of a draw 55 ft. below spur, drains N. 15° W.; asc. along a SE. slope to,
40.06	On a SE. slope, 55 ft above wash, set an irom post, 3 ft. long and 1 in. in dia., 12 ins in the ground to solid rock and 15 ins. in a mound of stome for the ¼ sec. cor. with a brass cap marked:

$$\frac{1}{4}\ \frac{S\ 22}{S\ 27}$$
1922

from which

A pinon, 5 ins in dia., bears N. 38°00' E., 93 lks. dist., marked ¼S22BT.

A pinon, 5 ins. in dia., bears S. 20°00' W. 102 lks. dist., marked ¼S27BT.

41.90	Spur, projects N., 45 ft. above ¼ esc. cor.; desc. along a NW. slope to,
46.20	Draw, drains N., 55 ft. below spur; asc. an E. slope tp,
49.10	Spur, projects N., 30 ft. above draw; desc. along a NW. slope to,
56.00	Draw, drains N. 15º E., 40 ft below spur; asc. along a SE slope to,
59.60	Spur, projects N., 70 ft. above draw; desc. a W. slope to,
64.50	Draw, drains N., 60 ft. below spur; asc. along a SE slope,
80.12	The cor. of secs. 21, 22, 27 and 28, 15 ft. above draw.

Land, rolling hills; Drainage; N.

T. 12 S., R. 22 E.

Subdivisions

Chains	
	Soil; sandy to rocky loam.
	Timber; medium pinon and juniper.
	Undergrowth; sagebrush , shadscale and bunch grass.
	Good grazing.
	N. 0°02' W. bet. secs. 21 and 22.
	Over rough. mountainous land, through medium growth of timber and scant undergrowth; asc. a S. slope to,
10.80	Ridge, bears E. and W., 125 ft. above sec. cor.; desc. along a NW. slope to,
26.10	Draw, drains NW., 75 ft. below ridge; asc. along a SW. slope to,
31.70	Spur, projects NW., 55 ft above draw, desc. along a NE. slope to,
35.70	Draw, drains NW., 55 ft. below spur; asc. along a SW. slope to,
40.00	On top of a spur, projecting W., 30 ft. above draw, set an iron post, 3 ft. long and 1 in. in dia., 12 ins. in the ground to solid rock and 15 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked:

¼

S 21 | S 22

1922

from which

A pinon, 5 ins. in dia., bears N. 62°00' E., 135 lks. dist., marked ¼S22BT.

A pinon, 5 ins. in dia., bears N. 62°30' W., 33 lks. dist., marked ¼S21BT.

58.00	Draw, drains NW., 95 lks. below sec. cor., asc. along a SW. slope to,
67.50	Spur, projects E., 65 ft. above draw; desc. along a NE. slope to,
71.50	Draw, drains W., 100 ft. below spur; asc. a S. slope to,
76.30	Spur, projects NW, 55 ft. above draw; desc. along a NW. slope to,
80.00	On a NW. slope, 60 ft. below spur, set an iron post, 3 ft.

Chains	
	long, 2 ins, in dia., 18 ins. in the ground to solid rock and 9 ins. in a mound of stone for the cor. of secs. 15, 16, 21 and 22, with a brass cap marked:

T 12 S R 22 E
S 16 | S 15
S 21 | S 22
1922

from which

A pinon, 4 ins in dia., bears N. 29°45' E., 89 lks. dist., marked T12SR22ES15BT.

A pinon, 5 ins. in dia., bears S. 42°30' E., 18 lks. dist., marked T12SR22ES22BT.

A pinon, 5 ins in dia., bears S. 64°00' W., 101 lks. dist., marked T12SR22ES21BT.

A pinon, 12 ins. in dia., bears N. 80°45' W., 97 lks. dist., marked T12SR22ES16BT.

Land, mountainous: Drainage; NW.

Soil, light colored, rocky loam.

Timber, pinon and juniper.

Undergrowth, sagebrush, shadscale and bunch grass.

Good grazing.

S. 89°59' E. on random line bet. secs. 15 and 22.

40.00 Set a temp ¼ sec. cor.

80.32 Intersect. the N. and S. line at a point 14 lks. S. of the cor. of secs. 14, 15, 22 and 23.

Thence S. 9°55' W. on true line bet. secs 15 and 22.

Over mountainous land, through scattering timber and scant undergrowth; asc. an E. slope to,

7.30 Spur, projects N., 35 ft. above sec. cor.; desc. a W slope,

18.80 Draw, drains N., 49 ft. below spur; asc. an E. slope to,

38.10 Spur, projects N., 140 ft. above draw; desc. along a SW. slope to,

40.16 On a SW. slope, 15 ft. below spur, set an iron post, 3 ft long and 1 in. in dia., 6 ins. in the ground to solid rock and 21 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked:

T. 12 S., R. 22 E.

Subdivisions

Chains	
	$\frac{1}{4}$ $\frac{S.\ 15}{S\ 22.}$ 1922
	from which
	A pinon, 5 ins in dia., bears S. 58°45' E, 58 lks dist., marked ¼S22BT
	A twin pinon, 4 ins. in dia., bears N. 25°30' E., 68 lks dist., marked ¼S15BT.
42.30	Draw, drains NE., 5 ft. below ¼ sec. cor., asc. a SE. slope to,
50.80	Spur, projects S., 260 ft. above draw., desc. along a SW. slope to,
55.00	Draw, drains NW., 40 ft. below spur; asc. along a SW. slope to,
76.80	Spur, projects N., 85 ft. above draw; desc. a W. slope to,
80.32	The cor. of secs. 15, 16, 21 and 22, 45 ft. below spur.
	Land; mounatinous: Drainage; N.
	Soil; rocky, light colored loam.
	Timber; pinon and juniper.
	Undergrowth, sagebrush, shadscale and bunch grass.
	Good grazing.

	N. 0°02' W. bet. secs. 15 and 16.
	Over rough mountains, through scattering timber and scant undergrowth; desc. along a NW. slope to,
5.80	Draw, drains NE, 60 ft below sec. cor.; asc. along a SE. slope to,
16.40	Spur, projects NE, 10 ft. above draw; desc. along a NW. slope to.
20.00	Draw, drains NE., 85 ft. below spur; asc. along a SE. slope to,
27.50	Spur, projects NE., 85 ft. above draw; desc. along a NW. slope to,
32.90	Draw, drains N. 15° E., 80 ft. below spur; asc. along a SE. slope to,
37.90	Ledge, 50 ft. high, 100 ft above draw, bears E. and W.; desc. a N. slope to,

Chains	
40.00	On a N. slope, 60 ft. below ledge, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in the ground for the ¼ sec. cor., with a brass cap marked: ¼ S 16 | S 15 1922 from which A pinon, 5 ins. in dia., bears N. 21°30' E., 59 lks. dist., marked ¼S15BT. A pinon, 4 ins. in dia., bears N. 57°15' W., 23 lks. dist., marked: ¼S16BT.
41.00	Draw, drains SE., 15 ft. below ¼ sec. cor.; asc. along a SW. slope to,
62.50	Ridge, bears NE. and SW., 265 ft. above draw; desc. along a NW. slope to,
80.00	On a NW. slope, 50 ft. below the ridge, set an iron post, 3 ft. long and 2 ins. in dia., 27 ins. in the ground for the cor. of secs. 9, 10, 15 and 16, with a brass cap marked: T. 12 S R 22 E S 9 | S 10 S 16 | S 15 1922 from which A juniper, 12 ins. in dia., bears N. 8°30' E., 176 lks. dist., marked T12SR22ES10BT. A juniper, 3 ins. in dia., bears S. 80°30' E., 251 lks. dist., marked "BT" only. A juniper, 5 ins. in dia., bears S. 62°00' W., 224 lks. dist., marked T12SR22ES16BT. A juniper, 5 ins. in dia., bears N. 85°45' W., lks. dist., marked T12SR22ES9BT.

Land, mountainous: Drainage; NE.

Soil, light colored, rocky loam.

Timber, pinon and juniper.

Undergrowth, sagebrush, shadscale and bunch grass.

Good grazing.

T. 12 S. R. 22 E.

Subdivisions

Chains	
	N. 89°55' E. on random line bet. secs. 10 and 15.
40.00	Set a temp. ¼ sec. cor.
80.04	Intersect the N. and S. line at a point 5 lks. N. of the cor. of secs. 10, 11, 14 and 15.
	Thence S. 89°57' W. on true line bet. secs. 10 and 15.
	Over mountainous land, through scattering timber and scant undergrowth; asc. along a NE. slope to,
27.50	Spur, projects N., 170 ft. above sec. cor. desc. along a SW. slope to,
30.50	Draw, drains N., 50 ft below spur; asc. an E. slope to,
40.02	On an E. slope, 75 ft. above draw, set an iron post, 3 ft long and 1 in. in dia., 18 ins. in the ground to solid rock and 9 ins. in a mound of stone for the ¼ sec. cor with a brass cap marked:

$$\frac{1}{4}\ \frac{S\ 10}{S\ 15}\ 1922$$

from which

A pinon, 6 ins. in dia., bears S. 11°45' W., 46 lks. dist., marked ¼S15 BT.

A juniper, 5 ins. in dia., bears N. 66°45' E., 85 lks. dist., marked ¼S10BT.

49.60	Spur, projects S, 50 ft. above ¼ sec. cor.; desc. a W. slope to,
51.70	Ledge bears N. and S., 60 ft high.
54.00	Draw, drains SE., 325 ft. below spur, asc. along a NE. Slope to,
56.30	Ledge, bears N. and S., 60 ft. high.
57.00	Spur, projects S., 100 ft above draw; desc. along a SW. slope to,
57.90	Ledge, bears N. and S., 60 ft. high.
59.40	Draw, drains SE., 100 ft. below spur; asc. an E. slope to,
62.40	Ledge, bears NE. and SW., 50 ft. high.
74.00	Spur, projects N., 65 ft. above draw; desc. a W. slope to,
80.04	The cor. of secs. 9, 10, 15 and 16, 50 ft. below spur.
	Land, rough mountains, numerous sandstone ledges, bearing N. and S. and a few rocky draws draining S. and SE.

Chains	
	Soil, light colored, sandy loam.
	Timber, pinon and juniper.
	Undergrowth, sagebrush, shadscale and bunch grass.
	Fair grazing.
	N. 0°02' W. bet secs. 9 and 10.
	Over mountainous land, through scattering timber and scant undergrowth; asc. along a SE. slope to,
18.00	Spur, projects NE., 20 ft. above the sec, cor., desc. along a NW. slope to,
40.00	On a NW. slope, 125 ft. below spur, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in the ground for the ¼ sec. cor., with a brass cap marked;

¼

S 9 | S 10

1922

from which

A juniper, 5 ins. in dia., bears S. 84°15' E., 38 lks. dist., marked ¼S10BT.

A juniper, 5 ins. in dia., bears N. 58°15' W., 78 lks. dist., marked ¼S9BT.

51.00	Draw, drains NE., 15 ft. below the ¼ sec. cor.; asc. along a SE. slope to,
68.70	Spur, projects N. 15° E., 95 ft. above draw; desc. along a NE. slope to,
80.00	On a NE. slope, 70 ft. below the spur, set an iron post, 3 ft. long and 2 ins in dia., 27 ins. in the ground for the cor. of secs. 3, 4, 9 and 10, with a brass cap ameked:

T. 12 S R 22 E

S 4 | S 3

S 9 | S 10

1922

from which

A juniper, 3 ins. in dia., bears N. 13°15' E., 59 lkd. dist., marked "BT" only

T. 12 S., R. 22 E.

Subdivisions

Chains	
	A juniper, 3 ins, in dia., bears S. 44°15' E., 23 lks. dist., marked "BT" only.
	A pinon, 4 ins. in dia., bears S. 81°00' W., 12 lks. dist., marked T12SR22ES9BT.
	A pinon, 8 ins. in dia., bears N. 45°00' W., 73 lks. dist., marked T12SR22ES4BT.
	Land, mountainous: Drainage NW.
	Soil; light colored, sandy to rocky loam.
	Timber; scattering pinon and juniper.
	Undergrowth; sagebrush, shadscale and bunch grass.
	Good grazing.
	N. 89°57' E. on random line bet, secs. 3 and 10.
40.00	Set a temp. ¼ sec. cor.
80.10	Intersect the N. and S. line at a point 5 lks. S. of the cor. of secs. 2, 3, 10 and 11.
	Thence S. 89°5 5' W. on true line bet. secs. 3 and 10.
	Over mountainous land, through scattering timber and scant undergrowth; asc. an E. slope to,
22.60	Ledge, 180 ft. high on the top of a spur, projecting N., 250 ft. above sec. cor. desc. a W. slope to,
40.05	In the bottom of a draw, draining N., 40 ft. below the ledge set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in the ground for the ¼ sec. cor., with a brass cap marked:

$$\frac{1}{4}\ \frac{S\ 3}{S\ 10}\ 1922$$

from which

A pinon, 5 ins in dia., bears S. 84°30' E., 195 lks. dist., marked ¼S10BT.

A juniper, 4 ins. in dia., bears N. 78°00' E., 182 lks. dist., marked ¼S3BT.

42.60	Spur, projects N. 40 ft. above ¼ sec. cor.; desc. a W. slope to.

Subdivisions

Chains	
47.70	Draw, drains NE., 70 ft. below spur; asc. along a SE. slope to,
60.70	Spur, projects NE., 85 ft. above draw; desc. along a NW. slope to,
68.00	Draw, drains NE., 75 ft. below spur; asc. along a SE. slope to,
72.60	Spur, projects NE., 110 ft. above draw; desc. along a W. slope to,
78.30	Draw, drains N., 40 ft. below spur; asc. along a NE. slope to,
80.00	The cor. of secs. 3, 4, 9 and10, 25 ft. above the draw.
	Land; rolling hills: Drainage NE.
	Soil; light colored, sandy to rocky loam.
	Timber; scattering pinon and juniper.
	Undergrowth; sagebrush, shadscale and bunch grass.
	Good grazing.

	N. 0°04' W. on random line bet. secs 3 and 4.
40.00	Set a temp. ¼ sec. cor.
80.28	Intersect the N. bdy. of the Tp. at a point 16 lks. E. of the cor. of secs. 3, 4, 33 and34.
	Thence S. 0°11' E. on true line bet. secs. 3 and 4.
	Over mountainous land, through scattering timber and scant undergrowth; asc. a gentle N. slope to,
1.50	Swale, drains NW., 5 ft below sec. cor.; asc along a NW. slope to,
20.50	Spur, projects NE., 100 ft above swale; desc. along a SW. slope to,
35.00	Draw, drains NE., 370 ft. below spur; asc. along a NW. slope to.
36.30	Spur, projects NE., 200 ft above draw; desc. along a SE. slope to,
40.28	On a SE. slope, 45 ft. below the spur, set an iron post, 3 ft. long and 1 in. in dia., 27 ins in the ground for

Chains

the ¼ sec. cor.; with a brass cap marked:

¼
S 4 | S 3
1922

True cor. point marked (X) in solid rock: No bearing trees available.

44.90 Draw, drains E., 20 ft. below sec. cor.; asc. along a NE slope to,

51.30 Spur, projects E., 15 ft. above draw; desc. along a SE. slope to.

58.30 Draw, drains N. 10° E., 20 ft. below the spur; asc. along a NE slope to,

68.90 Spur, projects NE., 140 ft. above draw; desc. along a SE. slope to,

74.33 Draw, drains NE., 150 ft. below spur; asc. along a NE. slope to,

80.28 The cor. of secs. 3, 4, 9 and 10, 70 ft. above draw.

Land, mountainous: Drainage NE.

Soil, light colored., sandy loam.

Timber, scattering pinon and juniper.

Undergrowth, sagebrush, shadscale and bunch grass.

Good grazing.

From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp. which is an iron post, marked and witnessed as described in the notes of T. 13 S., R. 22 E.,

Thence N. 0°03' W. bet. secs. 32 and 33.

Over low hills, through widely scattered timber and scant undergrowth; asc. along a gentle SE. slope to,

10.00 Swale, drains NE., 25 ft. below sec. cor.; continue asc. along a SE. slope to,

20.00 Low spur, projects NE., 10 ft. above swale; desc. along a gentle W. slope to,

34.00 Swale, drains NE., 25 ft. below spur; asc. along the E. slope to.

T. 12 S., R. 22 E.

Subdivisions

Chains	
40.00	On the E. slope of a spur, 10 ft. above swale, set an iron post, 3 ft. long and 1 in. in dia., 8 ins. in the ground to solid rock and 18 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked: ¼ S 32 | S33 1922 Deposit a sandstone, 10 x 8 x 6 ins. marked (X), at the base of the post: No bearing trees available.
47.00	Wash, 10 lks wide and 5 ft. deep, drains NE., asc. a S. slope to,
60.00	Low spur, projects NE., 10 ft. above wash, desc. a N. slppe to,
70.00	Wash, 10 lks wide and 5 ft. deep, drains NE., continue descent along a N. slope to,
75.80	Wash, 10 lks. wide and 5 ft. deep, drains NE. continue descent along a N. slope to,
80.00	On a N. slope, 10 ft above wash, set an iron post, 3 ft. long and 2 ins. in dia., 6 ins. in the ground to solid rock and 21 ins. in a mound of stone forthe cor. of secs. 28, 29, 32 and 33, with a brass cap marked: T 12 S R 22 E S 29 | S 28 S 32 | S 33 1922 from which A juniper, 6 ins. in dia., bears N. 21°30' E., 542 lks. dist., marked T12SR22ES28BT. A juniper, 3 ins in dia., bears S. 29°30' E., 60 lks. dist., marked "BT" only. A juniper, 8 ins. in dia., bears S. 60°30' W., 362 lks. dist., marked T12 SR22ES32BT. A juniper, 8 ins. in dia., bears N. 57°15' W., 312 lks. dist., marked T12SR22ES29BT. Land, low rolling hills and small draws, draining NE. Soil, light colored, sandy loam. Timber, scattering pinon and juniper

Chains	
	Undergrowth, sagebrush, shadscale and bunch grass. Good grazing.

S. 89°58' E. on random line bet. secs. 28 and 33.

40.00 Set a temp ¼ sec. cor.

80.00 Intersect the N. and S. line at a point 5 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence West on true line bet. secs. 28 and 33.

Over low, rolling hills, through scattering timber and scant undergrowth; desc. along a SE. slope to,

1.30 Draw, drains NW., 5 ft below sec. cor., asc. along a SE. slope to,

21.20 Spur, projects N., 50 ft. above draw., desc. along a W. slope to,

24.70 Draw, drains N. 10° W., 50 ft. below spur; asc. along a NE. slope to,

30.00 On a NE. slope, 20 ft. above draw, set an iron post, 3 ft long and 1 in. in dia., 15 ins. in the ground to solid rock and 12 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked:

$$\frac{1/4 \quad S\ 28}{1922 \quad S\ 33}$$

from which

A pinon, 4 ins. in dia., bears S. 35°00' E., 29 lks. dist., marked ¼S33BT.

A pinon, 6 ins. in dia., bears N. 27°00' E., 47 lks. dist., marked ¼S28BT.

42.50 Spur, projects NW., 50 ft. above ¼ sec. cor.; desc. along a SW. slope to.

52.90 Draw, drains NW., 100 ft. below spur; asc. an E. slope to,

62.20 Spur, rpojects N. 70 ft. above draw; desc. a W. slope to,

75.00 Swale, drains N., 140 ft. below spur; asc. an E. slope to

80.00 The cor. of secs. 28, 29, 33 and 32, 20 ft. below spur.

Land; low rolling hills; numerous small draws draining

Chains	
	Soil, light colored, clay loam.
	Timber, widely scattered pinon and juniper.
	Undergrowth, sagebrush, shadscale and bunch grass.
	Good grazing.
	N. 0°03' W. bet. secs. 28 and 29.
	Over rolling hills, through scattering timber and scant undergrowth; along a gentle E. slope to,
40.00	On the top of a low spur level with the sec. cor., set an iron post, 3 ft. long and 1 in. in dia., 4 ins. in the ground to solid rock and 23 ins. in a mound of stone for for the ¼ sec. cor., with a brass cap marked:

¼

S 29 | S 28

1922

from which

A juniper, 6 ins. in dia., bears S. 63°00' E., 244 lks. dist., marked ¼S28BT.

A juniper, 8 ins. in dia., bears N. 72°00' W., 74 lks. dist., marked ¼S29BT.

63.80	Draw, drains NW., 55 ft below the ¼ sec. cor.; asc. along a SW. slope to,
66.50	Road, Willow Creek to Watson, Utah, bears N. 70° W. and S 70° E.
69.70	Spur, projects W., 120 ft. above draw; desc. along a NW. slope to,
74.30	Swale, drains SW., 35 ft. below spur; asc. a S. slope to,
78.30	Spur, projects SW., 35 ft. above swale. desc. a W. slope to,
80.00	On a W. slope, level with the spur, set an iron post, 3 ft. long and 2 ins. in dia., 4 ins. in the ground to solid rock and 23 ins. in a mound of stone for the cor. of secs. 20, 21, 28 and 29, with a brass cap marked:

Chains

T 12 S R 22 E

S 20	S 21
S 29	S 28

1922

from which

A juniper, 6 ins. in dia., bears N. 26°00' E., 176 lks., dist., marked T12SR22ES21BT.

A juniper, 6 ins in dia., bears S. 57°15' E., 143 lks dist., marked T12SR22ES28BT.

A juniper, 6 ins. in dia., bears N. 26°45' W., 284 lks. dist., marked T12SR22ES20BT.

No other trees available.

Land, low rolling hills: Drainage; NW.

Soil, light colored, sandy loam.

Timber, scattering pinon and juniper.

Undergrowth, sagebrush, shadscale and bunch grass.

Good grazing.

East on random line bet. secs. 21 and 28.

40,00 Set a temp. ¼ sec. cor.

60.30 Intersect the N. and S. line at a point 9 lks. N. of the cor. of secs. 21, 22, 27, and 28.

Thence N. 89°56' W. on true line bet. secs. 21 and 28.

Over low hills, through scattering timber and scant undergrowth; asc. along a SE. slope to,

25.10 Spur, projects NE., 250 ft. above the sec. cor.; desc. a W. slope to,

32.10 Draw, drains N. 15° W., 85 ft. below spur; asc. an E. slope to,

39.10 Spur, projects NW., 40 ft. above draw; desc. along a SW. slope to,

40.15 On a SW. slope, 40 ft. below spur, set an iron post, 3 ft long and 1 in. in dia., 4 ins. in the ground to solid rock and 23 ins. in a mound of stone for the ¼ sec. cor. with a brass cap marked:

Chains	
	$\frac{1}{4}$ S 21 / S 28 1922
	from which
	A pinon, 8 ins. in dia., bears S. 24°30' E., 63 lks. dist., marked $\frac{1}{4}$S28BT.
	A pinon, 5 ins. in dia., bears N. 5°00' E., 03 lks. dist., marked $\frac{1}{4}$S21BT.
54.40	Desc. along a gentle SW. slope to.
69.50	Draw, drains SW., 420 ft. below $\frac{1}{4}$ sec. cor.; asc. along a SE. slope to,
75.30	Spur, projects SW, 5 ft. above draw; desc. along a NW. slope to,
80.30	The cor. of secs. 20, 21, 28 and 29, 20 ft. below spur.
	Land; rough mountains: deep draws draining N. in the E. half and SW. in the W. half.
	Soil; sandy loam on a sandstone bedrock.
	Timber, scattering pinon and juniper.
	Undergrowth, sagebrush, shadscale and bunch grass.
	Fair grazing.

	N. 0°03' W., bet. secs. 20 and 21.
	Over rolling hills, through scattering timber and scant undergrowth; along a W. slope to,
11.50	Swale, drains W., 20 ft. below the sec. cor.; asc. along a SW. slope to,
40.00	On a SW. slope, 20 ft. above the swale, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in the ground to solid rock for the $\frac{1}{4}$ sec. cor., with a brass cap marked:
	S. $\frac{1}{4}$ S 20 | S 21 1922
	Raise a mound of stone, 2 ft. base and 1½ ft. high, W. of the post: No bearing trees available.

T. 12 S., R. 22 E.

Subdivisions

Chains	
63.50	Spur, projects W. 100 ft. above ¼ sec. cor.; desc. along a S. slope to,
80.00	On a NW. slope, 100 ft. below spur, set an iron post, 3 ft. long and 2 ins. in dia., 27 ins in the ground for the cor. of secs. 16, 17, 20 and 21, with a brass cap marked

12 S	R 22 E
S 17	S 16
S 20	S 21
1922	

from which

A juniper, 9 ins. in dia., bears N. 64°30' E., 246 lks., dist., marked T12SR22ES16BT.

A pinon, 8 ins. in dia., bears S. 18°45' E. 386 lks. dist., marked T12SR22ES21BT.

A juniper, 8 ins. in dia., bears S. 29°15' W., 111 lks dist., marked T12SR22ES20BT.

No other tree available.

Land, rolling hills, low spur projecting W. and numerous shallow draws, draining W.

Soil, light colored sandy loam.

Timber, scattering pinon and juniper.

Undergrowth, scant sagebrush, shadscale and bunch grass

Good grazing.

S. 89°56' E. on random line bet. secs. 16 and 21.

40.00 Set a temp. ¼ sec. cor.

80.32 Intersect the N. and S. line at a point 7 lks. N. of the cor. of secs. 15, 16, 21 and 22.

Thence N. 89°53' W. on true line bet. secs. 16 and 21.

Over rolling hills, through scattering timber and scant undergrowth; desc. along a NW. slope to,

5.90 Draw, drains N., 55 ft. below sec. cor.; asc. on E. slope,

22.00 Ridge, bears N. and S., 185 ft. above draw; desc. a W. slope to,

30.50 Swale, drains SW., 130 ft. below ridge; asc. along a S. 15°E. slope to,

Chains	
35.40	Spur, projects S. 20° W., 15 ft. above swale; asc. along a SE. slope to,
40.16	In the bottom of a draw, 75 ft. below spur, draining SW., set an iron post, 3 ft. long and 1 in. in di a., 27 ins. in the ground for the ¼ sec. cor., with a brass cap marked;
	$\frac{1}{4}$ S 16 / S 21 1922
	from which
	A pinon, 12 ins. in dia., bears S. 66°45' W., 352 lks. dist., marked ¼S21BT.
	A juniper, 8 ins. in dia., bears N. 61°30' W., 249 lks. dist., marked ¼S16 BT.
46.20	Spur, projects N. 15° E., 115 ft. above ¼ sec. cor.; desc. along a NW. slope to,
51.70	Draw, drains N. 10° E., 70 ft. below spur; asc. along a SE. slope to,
56.60	Spur, projects N., 50 ft. above draw; desc. along a SW. slope to,
79.80	Swale, drains NW., 155 ft. below spur; asc. along a NE. slope to,
80.32	The cor. of secs. 16, 17, 20 and 21, 5 ft. above swale.
	Land, broken, rolling hills: Small swales and draws, draining N. and NE.
	Soil, light colored, sandy loam.
	Timber, scattering pinon and juniper.
	Undergrowth, sagebrush, shadscale and bunch grass.
	Good grazing.

	N. 0°03' W. bet. secs. 16 and 17.
	Over rolling hills, through scattering timber and scant undergrowth; desc. along a NE. slope to,
00.80	Swale, drains NW., 5 ft. below sec. cor.; thence along a W. slope to,

Chains	
15.90	Main draw, drains W., 15 ft. below sec. cor.; asc. a S. slope to,
33.90	Ledge, bears NE. and SW., 20 ft. high.
34.00	Ridge, bears N. 75° W. and S. 75° E., 240 ft. above draw; desc. a ong a gentle NE. slope to,
40.00	On a NE. slope, 65 ft. below ridge, set an iron post, 3 ft long and 1 in. in dia. 27 ins. in the ground for the ¼ sec. cor., with a brass cap marked;

¼

S 17 | S 16

1922

from which

A juniper, 8 ins. in dia., bears S. 44°15' E., 80 lks. dist., marked ¼S16BT.

A juniper, 8 ins. in dia., bears S. 86°30' W., 39 llks. dist., marked ¼S17BT.

45.00	Swale, drains NE., 15 ft. below the ¼ sec. cor.; asc. alon a gentle SE. slope to,
58.10	Rim of bemch, bears NE. and SW., 60 ft. above swale; thence along level top to,
67.20	Rim of bench, bears NE. and SW., desc. along a gentle N. slope to,
80.00	On a gentle N. slope, 100 ft. below rim, set an iron post, 3 ft. long and 2 ins in dia., 18 ins. in the ground to solid rock and 9 ins. in a mound of stone for the cor. of secs. 8, 9, 16 and 17, with a brass cap marked:

T 12 S R 22 E

S 8 | S 9

S 17 | S 16

1922

From which

A juniper, 10 ins. in dia., bears N. 42°45' E., 130 lks. dist., marked T12SR22ES9BT.

A juniper, 10 ins. in dia., bears S. 69°30' E., 122 lks. dist., marked T12SR22ES16BT

A juniper, 8 ins in dia., bears S. 50°00' W., 100 lks. dist., marked T12SR22ES17BT.

Chains	
	A pinon, 9 ins. in dia., bears N. 60°30' W., 82 lks. dist., marked T12SR22ES8BT.
	Land; low rolling hills, numerous sandstone ledges: small draws and swales draining W. and NW.
	Soil, light colored, sandy loam.
	Timber; scattering pinon and juniper.
	Undergrowth; sagebrush, shadscale and bunch grass.
	Good grazing.

	S. 89°53' E. on random line bet. secs. 9 and 16.
40.00	Set a temp. ¼ sec. cor.
80.26	Intersect the N. and S. line at a point 14 lks. N. of the cor. of secs. 9, 10, 15 and 16/
	Thence N. 89°47' W. on true line bet. secs. 9 and 16.
	Over rolling hills, through scattering timber and scant undergrowth; asc. along a NE. slope to,
3.80	Spur, projects N., 35 ft. above sec. cor.; desc. a W. slope to,
11.10	Swale, drains N., 85 ft. below spur; asc. a gentle E. slope to,
14.40	Low spur, projects N., 15 ft. above swale; desc. along a N. 75° W. sl ope to,
17.60	Swale, drains NE., 20 ft. below spur; asc. along a SE. slope to,
27.50	Spur, projects N. 100 ft above swale; desc. along a NW. slope to,
30.10	Draw, drains N. 10° E., 35 ft. below spur; asc. an E. slope to,
35.30	Ridge, bears N. 20° W. and S. 20° E., 35 ft. above draw; desc. along the top of a spur to,
40.13	On the top of a spur, level with the ridge, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in the ground for the ¼ sec. cor., with a brass cap marked:

T. 12 S., R. 22 E.

Subdivisions

Chains	
	$\frac{1}{4}$ $\frac{S. 9}{S 16}$ 1922
	from which
	A juniper, 6 ins. in dia., bears S. 2°15' E., 125 lks. dist., marked ¼S16BT.
	A juniper, 8 ins. in dia., bears N. 73°15' W., 189 lks. dist., marked ¼S9BT.
56.00	Leave spur, rpojects N. 30° W., level with the ¼ sec. co desc. a W. slope to,
67.20	Swale, drains N. 30° W., 90 ft. below spur; asc. an E., slope to,
80.26	The cor. of secs. 8, 9, 16 and 17, 45 ft. above swale.
	Land, rolling hills: Drainage NE. and N.
	Soil, light colored, sandy loam.
	Timber, scattering pinon and juniper.
	Undergrowth, sagebrush, shadscale and bunch grass.
	Good grazing.

	N. 0°03' W. bet. secs. 8 and 9.
	Over rolling hills, through scattering timber and scant undergrowth; desc.a gentle N. slope to,
9.90	Swale drains N. 20° E., 70 ft. below sec. cor.; asc. along a SE. slope to,
27.70	Spur, projects E., 25 ft. above swale; desc. a N. slope to
36.00	Draw, drains NW., 85 ft. below spur; asc. a broken S. slope to.
40.00	On a S. slope, 120 ft. above draw, set an iron post, 3 ft. long and 1 in. in dia., 12 ins. in the ground to solid rock and 15 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked:
	¼ S 8 | S 9 1922

Chains	
	from which
	A juniper, 6 ins. in dia., bears S. 83°00' E., 71 lks. dist., marked ¼S9BT.
	A juniper, 6 ins. in dia., bears N. 58°30' W., 76 lks. dist., marked ¼S8BT.
42.90	Spur, projects N. 60° W., 35 ft. above ¼ sec. cor.; desc. a N. slope to,
50.80	Draw, drains NW., 125 ft. below spur; asc. along a SW. slope to,
57.80	Spur, projects N. 65° W., 65 ft. above draw; desc. along a NW. slope to,
70.30	Draw, drains W., 115 ft. below spur; asc. a S. slope to,
76.00	Rim of bench, bears E. and W., 115 ft. above draw; thence along rolling top to,
80.00	On top of a bench, set an iron post, 3 ft. long and 2 ins. in dia., 6 ins. in the ground to solid rock and 21 ins. in a mound of stone for the cor. of secs. 4, 5, 8 and 9, with a brass cap marked:

T 12 S R 22 E
S. 5 | S 4
S 8 | S. 9
1922

Deposit a sandstone, 10 x 8 x 6 ins. marked (X), at the base of the post: No bearing trees available

Land, rolling hills in the S. 76 chains and level bench in the N. 4 chains: Drainage N. and NE.

Soil, light colored, sandy to earthy loam.

Timber, scattering pinon and juniper.

Undergrowth, sagebrush, shadscale and bunchgrass.

Good grazing.

S. 89°47' E. on random line bet. secs. 4 and 9.

40.00 Set a temp. ¼ sec. cor.

80.10 Intersect the cor. of secs. 3, 4, 9 and 10.

Thence N. 89°47' W. on true line bet. secs. 4 and 9.

T. 12 S., R. 22 E.

Subdivisions

Chains	
	Over rolling top of bench, through scant undergrowth; asc. along a NW. slope to,
5.20	Draw, drains N., 50 ft. below sec. cor.; asc. an E. slope to,
13.40	Spur, projects N., 125 ft. above draw; desc. a broken W. slope to,
24.60	Draw, drains N., 150 ft. below spur; asc. along a N. 75° E. slope to,
37.10	Ridge, bears N. and S., 150 ft. above draw; enter scattering timber, bears N. and S.; desc. a gentle W. slope
40.05	On a gentle W. slope, 25 ft. below ridge, set an iron po 3 ft. long and 1 in. in dia., 27 ins. in the ground for the ¼ sec. cor., with a brass cap marked:

$$\frac{1}{4}\ \frac{S\ 4}{\underset{1922}{S}\ 9}$$

from which

A juniper, 4 ins. in dia., bears S. 40°00' E., 139 lks. dist., marked ¼S9BT.

A juniper, 4 ins. in dia., bears N. 6°00' E., 195 lks. dist., marked ¼S4BT.

47.90	Swale, drains N., 25 ft. below ¼ sec. cor., asc. a gentle E. slope to,
55.10	Low spur, projects N. 10° E., 15 ft. above swale; desc. a gentle W. slope to,
67.60	Small swale, drains N. 10° E., 15 ft. below spur; asc. a gentle E. slope to,
80.10	The cor. of secs. 4, 5, 8 and 9, 15 ft. above swale.

Land, rolling bench land: Drainage N.

Soil, light colored, sandy loam.

Timber, scattering pinon and juniper in the W. 43 chains.

Undergrowth; sagebrush, shadscale and bunch grass.

Good grazing.

Chains	
	N. 0°11' W. on random line bet, secs. 4 and 5.
40.00	Set a temp. ¼ sec.cor.
79.82	Intersect the N. bdy. of the Tp. at a point 12 lks. E. of the cor. of secs. 4, 5, 32 and 33, heretofore described.
	Thence S. 0°16' E. on true line bet. secs. 4 and 5.
	Over top of bench covered with medium undergrowth to,
39.82	Set an iron post, 3 ft. long and 1 in. in dia., 8 ins. in the ground to solid rock and 19 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked:
	¼ S 5 | S 4 1922
	Deposit a sandstone, 6 x 5 x 4 ins. marked (X), at the base of the post: no bearing trees available.
40.30	Swale, drains N. 15° W., 40 ft. deep; continue along top of bench to,
79.82	The cor. of secs. 4, 5, 8 and 9, 40 ft. above swale.
	Land, rolling top of bench: Drainage NW.
	Soil., light colored sandy loam on sandstone bedrock.
	Timber, none.
	Undergrowth, scattering growth of sagebrush, shadscale and bunch grass.
	Good grazing.

	From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the TP., which is an iron post, marked and witnessed as described in the notes of T. 13 S., R. 22 E.
	Thence N. 0°03' W. on true line bet. secs. 31 and 32.
	Over rolling hills, through scattering timber and scant undergrowth; along the E. slope of a spur to,
15.00	Spur, projects N. 10° E., level with the sec. cor., desc along a gentle N. 75° W. slope to,

Chains	
40.00	On a NW. slope, 25 ft below spur, set an iron post, 3 ft long and 1 in. in dia., 4 ins in the ground to solid rock and 23 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked

¼

S 31 | S 32

1922

from which

A pinon, 12 ins. in dia., bears S. 77°15' E., 199 lks. dist., marked ¼S32BT.

A pinon, 12 ins. in dia., bears N. 0°30' W., 144 lks. dist., marked ¼S31BT.

64.20	Swale, drains N. 20° W., 25 ft. below ¼ sec. cor., asc. along a SW. slope to,
77.80	Spur, projects W., 30 ft. above swale; desc. along a NW. slope to,
80.00	On a NW. slope, 10 ft. below spur, set an iron post, 3 ft long and 2 ins. in dia., 18 ins. in the ground to solid rock and 9 ins. in a mound of stone for the cor. of secs. 29, 30, 31 & 32, with a brass cap marked:

T 12 S R 22 E

S 30 | S 29

S 31 | S 32

1922

from which

A pinon, 8 ins. in dia., bears N. 77°30' E., 85 lks. dist., marked T12SR22ES29BT.

A pinon, 6 ins. in dia., bears S. 31°00' E., 145 lks. dist., marked T12SR22ES32BT.

A pinon, 7 ins. in dia., bears S. 6°00' W., 21 lks. dist., marked T12SR22ES31BT.

A pinon, 8 ins. in dia., bears N. 40°15' W., 62 lks. dist., marked T12SR22ES30BT.

Land, low rolling hills: Drainage; NW.

Soil, light colored, sandy loam.

Timber, scattering pinon and juniper.

Undergrowth, sagebrush, shadscale and bunch grass.

Chains	
	Good Grazing.
	S. 89°58' E. on random line bet. secs. 29 and 32.
40.00	Set a temp. ¼ sec. cor.
79.96	Intersect the N. and S. line at a point 9 lks. S. of the cor. of secs. 28, 29, 32 and 33.
	Thence S. 89°58' W. on true line bet. secs. 29 and 32.
	Over broken hills, through scattering timber and scant undergrowth; asc. along a N. slope to,
5.70	Spur, projects NE., 60 ft above sec. cor.; desc. along a NW. slope to,
30.00	Swale, drains NE., 60 ft. below spur; asc. along a SE. slope to,
39.98	On a SE. slope, 65 ft. above swale, set an iron post, 3 ft. long and 1 in. in dia., 14 ins. in the ground to solid rock and 13 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked:
	¼ S 29 / S 32 1922
	Raise a mound of stone, 2 ft. base and 1½ ft. high, N. of the post: No bearing trees available.
40.50	Spur, level with the ¼ sec. cor.; desc. along a NW. slope,
45.00	Swale, drains N. 15° E., 50 ft. below spur; asc. along a gentle N. 75° E. slope to,
55.00	Spur, projects N. 20° E., 15 ft. above swale; desc. a W. slope to,
67.80	Swale, drains N. 10° E., 50 ft. below spur; asc. a N. 75° E. slope to,
75.00	Spur, projects N. 20° E. 15 ft above swale; desc. along a NW. slope to,
79.96	The cor. of secs. 29, 30, 31 and 32, 15 ft. below spur:
	Land, low broken hills, small swales and draws draining NE.
	Soil, light colored, sandy to rocky loam.

T. 12 S., R. 22E.

Subdivisions

Chains	
	Timber, scattering pinon and juniper.
	Undergrowth, sagebrush, shadscale and bunch grass.
	Good grazing.
	N. 89°58' W. on random line bet. secs. 30 and 31.
40.00	Set. a temp. ¼ sec. cor.
78.22	Intersect the W. bdy. of the Tp. at a point 17 lks. N. of the cor. of secs. 25, 30, 31 and 36, heretofore described.
	Thence N. 89°59' E., on true line bet, secs. 30 and 31
	Over rolling hills, through medium timber and scant undergrowth; desc. along a SE. slope to,
9.60	Road, Willow Creek to Watson, Utah, bears NE. and SW, in the bottom of Buck Canyon, drains SW., 70 ft. below the sec. cor.; asc. along a NW. slope to,
20.60	Ridge, bears NE. and SW., 50 ft. above Canyon; desc. along a SE. slope to,
28.00	Draw, drains N., 55 ft. below ridge; asc. a W. slope to,
33.90	Spur, projects NE., 25 ft. above draw; desc. along a SE. slope to,
38.22	On a SE. slope, 40 ft. below spur, set an iron post, 3 ft long and 1 in. in dia., 27 ins. in the ground for the ¼ sec. cor., with a brass cap marked:

$$\frac{1}{4}\ \frac{S\ 30}{S\ 31}$$
1922.

from which

A pinon, 5 ins. in dia., bears S. 5°30' E., 74 lks. dist., marked ¼S31BT.

A juniper, 5 ins. in dia., bears N. 31°00' E., 237 lks. dist., marked ¼S30BT.

53.40	Draw, drains NE., 40 ft. below ¼ sec. cor.; asc. along a NW. slope to,
65.90	Spur, projects N., 75 ft. above draw; desc. an E. slope to,
74.20	Draw, drains N., 80 ft. below spur; asc. a W. slope to,

T. 12 S., R. 22 E.

Subdivisions

Chains	
78.22	The cor. of secs. 29, 30, 31 and 32, 30 ft. above draw.
	Land; low rolling hills, numerous small draws, draining N. and NE.
	Soil; shallow, light colored, sandy loam on shale base.
	Timber; scattering pinon and juniper.
	Undergrowth; sagebrush, shadscale and bunch grass.
	Good grazing.
	N. 0°03' W. bet. secs. 29 and 30.
	Over rolling hills, through scattering timber and scant undergrowth; desc. along a NW. slope to,
10.00	Swale, drains N. 20° E., 50 ft. below sec. cor.; asc. along a SE. slope to,
24.90	Spur, projects N. 15° E., 70 ft. above swale; desc. along a gentle N. 70° E. slope to,
30.90	Swale, drains N. 20° E., 35 ft. below spur; asc. along a gentle SE. slope to,
34.90	Spur, rpojects NE., 10 ft. above swale; desc. along a NW. slope to,
40.00	On a NW. slope, 20 ft. below spur, set an iron post, 3 ft. long and 1 in. in dia. 12 ins. in the ground to solid rock and 17 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked:

¼

S 30 | S 29

1922

Raise a mound of stone, 2 ft. base and 1½ ft. high, W. of the post: No bearing trees available.

44.90	Road, Willow Creek to Watson, Utah, bears N. 65° E. and S. 65° W.
45.60	Swale, drains NE., 65 ft. below ¼ sec. cor.; asc. a S. slope to,
53.80	Spur, projects SE., 30 ft. above swale; desc. along a gentle NE. slope to,

T. 12 S., R. 22 E.

Subdivisions

Chains	
61.90	Swale, drains SE., 20 ft. below spur; asc. a gentle slope to,
75.80	Spur, projects SE., 75 ft. above swale; desc. along an E slope to,
80.00	On an E. slope, level with the spur, set an iron post, 3 ft. long and 2 ins. in dia., 10 ins. in the ground to solid rock and 17 ins. in a mound of stone for the cor. of secs. 19, 20, 29 and 30, with a brass cap marked:

T 12 S. R 22 E

S 19	S 20
S 30	S 29

1922

from which

A pinon, 12 ins. in dia., bears N. 54°00' E., 119 lks. dist., marked T12SR22ES20BT.

A pinon, 6 ins. in dia., bears S. 47°00' E., 92 lks. dist., marked T12SR22ES29BT.

A pinon, 8 ins. in dia., bears S. 49°00' W., 37 lks. dist., marked T12SR22ES30BT.

A pinon, 8 ins. in dia., bears N. 58°30' W., 68 lks. dist., marked T12SR22ES19BT.

Land, broken, rolling hills, numerous small draws draining NE.

Soil, deep, light colored, sandy loam.

Timber, scattering pinon and juniper.

Undergrowth, sagebrush, shadscale and bunch grass.

Good grazing.

N. 89°58' E. on random line bet. secs. 20 and 29.

40.00 Set a temp. ¼ sec. cor.

80.00 Intersect the N. and S. line at a point 12 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence N. 89°57' W. on true line bet. secs. 20 and 29.

Over rolling hil ls, through scattering timber and scant

Chains	
	undergrowth; desc. a gentle W. slope to,
15.00	Wash, drains N., 10 lks. wide and 5 ft. deep, in the bottom of a draw, 185 ft. below sec. cor.; asc. an E. slope to,
17.00	Road, Willow Creek to Watson, Utah bears S.E. & NW.
21.30	Point of spur, projecting N., 20 ft. above wash; desc. along a NW. slope to,
22.50	Same road bears SW. & NE.
23.00	Wash, 10 lks. wide and 5 ft. deep, drains N., 20 ft. below spur; asc. a gentle E. slope to,
40.00	On an E. slope, 30 ft. above wash, set an iron post, 3 ft. long and 1 in. in dia., 10 ins. in the ground to solid rock and 17 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked:

$$\frac{1}{4}\ \frac{S\ 20}{S\ 29}$$

1922

Raise a mound of stone, 2 ft. base and 1½ ft. high, N. of the post: No bearing trees available.

80.00	The cor. of secs. 19, 20, 29 and 30, 5 ft above ¼ sec. cor.
	Land; rolling hills, large draws draining N.
	Soil; light colored sandy loam on a shale base.
	Timber; scattering pinon and juniper.
	Undergrowth, sagebrush, shadscale and bunch grass.
	Good grazing.

	S. 89°59' W. on random line bet. secs. 19 and 30
40.00	Set a temp. ¼ sec. cor.
78.14	Intersect the cor. of secs. 19, 30, 24 and 25 on the W. bdy. of the Tp., heretofore described.
	Thence N. 89°59' E. on true line bet. secs19 and 30.
	Over rolling hills, through medium timber and scant undergrowth; desc. an E. slope to,
13.50	Draw, drains N., 70 ft. below sec. cor.; asc. along a NW. slope to
24.50	Spur, projects N., 25 ft. above draw; desc. an E. slope to,
37.30	Draw, drains N. 55 ft. below spur; asc. along a NW.

Chains

slope to,

38.14 On a NW. slope, 10 ft. above draw, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in a mound of sto over a cross (X) cut in solid rock for the ¼ sec. cor with a brass cap marked:

$$\frac{1}{4}\ \frac{S\ 19}{S\ 30}\ 1922$$

from which

A juniper, 4ins. in dia., bears S. 53°00' W., 129 lks. dist., marked ¼S30BT.

A juniper, 5 ins. in dia., bears N. 20°00' W., 103 lks. dist., marked ¼S19BT.

49.40 Spur, projects N., 80 ft. above ¼ sec. cor.; desc. along a NE. slope to,

65.90 Draw, drains N. 10° E., 115 ft. below spur; asc. along a NW. slope to,

73.30 Spur, projects N., 100 ft. above draw; desc. along a SE. slope to,

78.14 The cor. of secs. 19, 20, 29 and 30, 85 ft. below spur.

Land, rolling hills: Drainage NE.

Soil, light colored, sandy loam in the draws to rocky loam on the spurs.

Timber, scattering pinon and juniper.

Undergrowth, sa ebrush, shadscale and bunch grass.

Good grazing.

N. 0°03' W. bet. secs. 19 and 20.

Over rolling hills, through scattering timber and scant undergrowth; along an E. slope to,

14.90 Swale, drains NE., 80 ft. below sec. cor., asc. along a gentle SE. slope to,

29.90 Spur, projects NE., 10 ft. above swale; desc. along a gentle NW. slope to,

Chains	
40.00	On a NW. slope, 25 ft. below spur, set an iron post, 3 ft long and 1 in. in dia., 10 ins. in the ground to solid rock and 17 ins. in a mound of stone forthe ¼ sec. cor., with a brass cap, marked:

¼

S 19 | S 20

1922

from which

A juniper, 8 ins. im dia., bears N. 48°00' E., 123 lks. dist., marked ¼S20BT.

A juniper, 10 ins. in dia., bears S. 0°15' W., 32 lks. dist., marked ¼S19BT.

42.30	Leave timber, bears E. and W.
66.40	Wash, lo lks. wide and 5 ft deep, drains N. 60° E.
74.90	Swale, drainé NE., 150 ft below ¼ sec. cor.; reenter timber, bears E. and W.; asc. along a gentle SE. slope,
80.00	On a SE. slope, 15 ft. above swale, set an iron post, 3 ft. long and 2 ins. in dia., 18 ins. in the ground to solid rock and 9 ins. in a mound of stone for the cor. of secs. 17, 18, 19 and 20, with a brass cap marked:

T 12 S R 22 E

S 18 | S 17

S 19 | S 20

1922

from which

A juniper, 6 ins, in dia., bears N. 27°00' E., 395 lks. dist., marked T12SR22ES17BT.

A juniper, 10 ins. in dia., bears S. 86°30' W., 374 lks. dist., marked T12SR22ES19BT.

A juniper, 10 ins. in dia., bears N. 69°45' W., 328 lks. dist., marked T12SR22ES18BT.

No other tree available.

Land, rolling hills. Drainage NE.

Soil; light colored, sandy loam.

Timber; scattering pinon and juniper.

Undergrowth, sagebrush, shadscale and bunch grass.

Good grazing.

Chains	
	S. 89°57' E. on random line bet. secs. 17 and 20.
40.00	Set a temp. ¼ sec. cor.
80.02	Intersect the N. and S. line at a point 2 lks. S. of the cor. of secs. 17, 16, 20 and 21.
	Thence N. 89°58' W. on true line bet. secs. 17 and 20.
	Over rolling hills, through widely scattered timber and scant undergrowth; asc. along a NE slope to,
17.90	Spur, projects N., 35 ft. above sec. cor., desc. a W. slope to,
36.80	Old road, bears NE. and SW.
40.01	On a W. slope, 170 ft. below spur, set an iron post, 3 ft long and 1 in. in dia., 27 ins in the ground for the ¼ sec. cor., with a brass cap marked:

¼ S 17 / S 20
1922

Raise a mound of stone, 2 ft. base and 1½ ft. high N. of the post: No bearing trees available.

46.10	Draw, drains N., 10 ft. below ¼ sec. cor.; asc. along a NE. slope to,
67.00	Wash, 10 lks. wide and 5 ft. deep, drains NE. continue along a SE. slope to,
80.02	The cor. of secs. 17, 18, 19 and 20, 15 ft. above wash.

Land: rolling hills in the E. 40 chains and low spurs and shallow draws in the W. 40 chains: Drainage N.

Soil: disintegrated shale on the spurs and a light colored, sandy loam on shale bedrock in the draws.

Timber, widely scattered pinon and juniper throughout mile.

Undergrowth: sagebrush shadscale and bunch grass.

Good grazing.

Subdivisions

Chains	
	S 89°59' W on random line bet. sec. 18 and 19.
40.00	Set a temp. ¼ sec. cor.
78.14	Intersect the W bdy of the Tp. at a point 9 lks N of the cor. of sec. 18, 19, 13 and 24, here-in-before described.
	Thence N 89°55' E on true line bet. sec. 18 and 19.
	Over rolling hills, through medium growth of pinon and juniper and scant growth of sage brush, shadscale and bunch grass, asc. along a NW slope to,
34.50	Spur, projects N, 200 ft above sec. cor., dsc. along a NE slope to,
38.14	On a NE slope, 10 ft below spur, set an iron post, 3 ft long and 1 in. in diam., 4 ins in the ground to solid rock and 23 ins in a mound of stone for ¼ cor. of sec. 18 and 19, with a brass cap marked:

$$\frac{1}{4}\ \frac{S\ 18}{S\ 19}\ 1922$$

from which

A pinon, 4 ins in diam., bears S 48°00' W, 138 lks dist., marked ¼S19BT.

A pinon, 4 ins in diam., bears N 68°45' W, 198 lks dist., marked ¼S18BT.

58.07	Draw, drains NE, 160 ft below ¼ cor., asc. along a NW slope to,
68.90	Spur, projects NE, 20 ft above draw, dsc. along a SE slope to,
78.14	The cor. of sec. 17, 18, 19 and 20, 50 ft below spur.

Land; rolling hills projecting N: drainage NE in the E 50.00 chains and NW in the W 30,00 chains.

Soil; light colored sandy loam in the draws and shale outcroppings on the spurs.

Timber, scattering pinon and juniper throughout the mile.

Scant growth of sage brush, shadscale and bunch grass.

Good grazing.

Chains	
	N 0°03' W bet. sec. 17 and 18.
	Over rolling land, through scattering piñon and juniper and scant growth of sage brush, shadscale and bunch grass, asc. along a gentle SE slope to,
10.00	Low spur, projects NE, 30 ft above sec. cor., dsc. along a gentle N slope to,
32.40	Wash, 10 lks wide and 5 ft deep in the bottom of a swale drains NE, 95 ft below spur, asc. along a gentle SE slope to,
40.00	On a SE slope, 15 ft above wash, set an iron post, 3 ft long and 1 in. in diam., 12 ins in the ground to solid rock and 15 ins in a mound of stone for ¼ cor. bf sec. 17 and 18, with a brass cap marked: ¼ S 18 | S 17 1922 from which A juniper, 6 ins in diam., bears N 28°30' E, 133 lks dist., marked ¼S17BT. A juniper, 3 ins in diam., bears S 01°00' W, 68 lks dist., marked ¼S18BT. The trees are small and scrubby.
41.40	Low spur, projects NE, level with the ¼ cor., dsc. along a gentle NE slope to,
61.40	Leave timber, bears NW and SE.
69.40	Draw, drains N 60° W, 100 ft below spur, asc. along a gentle SW slope to.
74.90	Old road, bears N 70° W and S 70° E.
80.00	On a SW slope, 25 ft above draw, set an iron post, 3 ft long and 2 ins in diam., 18 ins in the ground to solid rock and 9 ins in a mound of stone for cor. of sec. 7, 8, 17 and 18, with a brass cap marked: T 12 S R 22 E S 7 | S 8 S 18 | S 17 1922 Raise a mound of stone, 2 ft base and 1½ ft high

T. 12 S., R. 22 E.

Subdivisions

Chains	
	W. of the post.
	Land, low rolling hills in the bottom of a large swale draining NW.
	Soil, light colored, sandy loam.
	Timber, scattering pinon and juniper in the S. 61.40 Ch.
	Undergrowth, sagebrush, shadscale and bunch grass throughout mile.
	Good grazing.

	S. 89°58' E. on random line bet. secs. 8 and 17.
40.00	Set a temp. ¼ sec. cor.
80.20	Intersect the N. and S. line at a point 9 lks. N. of the cor. of secs. 8, 9, 16 and 17.
	Thence N. 89°54' W. on true line bet. secs. 8 and 17.
	Over broken hills, through scattering timber and scant undergrowth; along a N. slope to,
7.20	Swale, drains NE., 40 ft. below sec. cor., asc. an E. slope to,
14.90	Ridge, bears N. 20° W. and S. 20° E., 105 ft. above swale; desc. along a NW. slope to,
22.60	Draws drains N., 120 ft. below ridge; asc. along a broken NE. slope to,
34.30	Spur, projects N., 95 ft. above draw; desc. a steep SW. slope to,
40.10	On a steep SW. slope, 160 ft. below spur, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in a mound of stone, over a cross cut (X) in solid rock, for the ¼ sec. cor., with a brass cap marked:

$$\frac{1}{4}\ \frac{S\ 8}{S\ 17}$$
1922

from which

A pinon, 16 ins in dia., bears S. 3°00' W., 85 lks. dist., marked ¼S17BT

Chains	
	A pinon, 16 ins in dia., bears N. 11°00' E., 6 lks. dist., marked ¼S8BT.
51.20	Base of a steep hill, bears NW. and SW; 115 ft. below ¼sec. cor; desc. along a gentle SW. slope to,
68.10	Leave timber, bears NW. and SE.
80.20	The cor. of secs. 7, 8, 17 and 18, 60 ft. below the base of the hill.
	Land, rough mountains; NW. exposure and drainage.
	Soil, light colored, sandy loam in the draws with sandstone outcrops on the spurs and ridges.
	Timber, scattering pinon and juniper in the E. 68.10 chains.
	Undergrowth, scant sagebrush, shadscale and bunch grass.
	Poor grazing.

	S. 89°55' W. on random line bet. secs. 7 and 18.
40.00	Set a temp. ¼ sec. cor.
78.15	Intersect the W. bdy of the Tp. at a point 9 lks. S of the cor. of secs. 7, 12, 13 and 18, heretofore described.
	Thence N. 89°59' E. on true line bet. secs. 7 and 18.
	Over rolling hills, through scattering undergrowth; asc. a gradual W. slope to,
33.80	Spur, projects N., 10 ft. above sec. cor., desc. along a NE. slope to,
37.10	Draw, drains NE., 15 ft. below spur; asc. along a gentle NW. slope to,
38.15	On a NW. slope, 5 ft. above draw, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in the ground to solid rock for the ¼ sec. cor., with a brass cap marked:

¼ S 7 / S 18
1922

T. 12 S. R. 22 E.

Subdivisions

Chains	
	Raise a mound of stone, 2 ft. base and 1½ ft. high, N. of the post. No bearing trees available.
43.40	Spur, projects N., 30 ft. above ¼ sec. cor.; desc. along a NE. slope to,
63.70	Draw, drains NW., 20 ft. below spur; asc. along a gentle SW. slope to,
72.10	Old road, bears NW. and SE.
78.15	The cor. of secs. 7, 8, 17 and 18, 70 ft above draw.
	Land, gradual W. slope, small spurs projecting N. and small draws draining N.
	Soil, deep, light colored, sandy loam.
	Timber, none.
	Undergrowth, scant sagebrush, shadscale and bunch grass. Good grazing.

	N. 0°03' W. bet, secs. 7 and 8.
	Over rolling hills, through scant undergrowth; asc. along a SW. slope to,
8.00	Enter scattering timber, bears NW. and SE.
15.00	Begin an abrupt ascent along a SW. slope,
25.30	Top of abrupt ascent, bears NW. and SE.
31.50	Spur, projects W., 280 ft. above sec. cor.; desc. along a NW. slope to,
40.00	On a NW. slope, 90 ft. below spur, set an iron post, 3 ft. long and 1 in. in dia., 18 ins. in the ground to solid rock and 9 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked:

¼

S 7 | S 8

1922

from which

A pinon, 5 ins. in dia., bears N. 60°00' E., 84

Chains	
	lks. dist., marked ¼S8BT.
	A pinon, 5 ins. in dia., bears S. 44°15' W., 9
	lks. dist., marked ¼S7BT.
43.20	Draw, drains NW., 75 ft. below ¼ sec. cor.; asc. along a SW. slope to,
47.60	Spur, projects W., 30 ft. above draw; desc. a N. slope t
73.70	Draw, drains NW., 210 ft. below spur; asc. along a SW. slope to,
77.10	Spur, projects W., 75 ft. above draw; desc. along a NW. slope to,
80.00	On a NW. slope, 30 ft. below spur, set an iron post, 3 ft. long and 2 ins. in dia., 27 ins. in the ground fo the cor. of secs. 5, 6, 7 and 8, with a brass cap marked:

T 12 S R 22 E
S 6 | S 5
S 7 | S 8
1922

Raise a mound of stone, 2 ft. base and 1½ ft. high, W. of the post: No bearing trees available.

Land, rolling hills in the S. 15 chains and rough mountai in the N. 65 chains: Drainage, NW.

Soil, light colored, sandy loam in the draws and sandston outcrops on the spurs.

Timber, scattering scrub pinon and juniper.

Undergrowth, sagebrush, shadscale and bunch grass.

Poor grazing.

S. 89°54' E. on random line bet. secs. 5 and 8.

40.00	Set a temp. ¼ sec. cor.
80.30	Intersect the N. and S. line at a point 7 lks. N of the cor. of secs. 4, 5, 8 and 9.

Thence N. 89°51' W. on true line bet. secs. 5 and 8.

Over rolling hills, through widely scattered timber and scant undergrowth; along level top of bench to,

T. 12 S., R. 22E.

Subdivisions

Chains	
6.00	Break of bench land, bears NW. and SE; desc. along a SW. slope to,
40.15	On a SW. slope 115 ft. below bench, set an iron post, 3 ft. long and 1 in. in dia., 27 ins. in a mound of stone, over a cross (X) cut in solid rock, for the ¼ sec. cor., with a brass cap marked:

$$\frac{1}{4}\ \frac{S\ 5}{S\ 8}\ 1922$$

from which

A juniper, 10 ins. in dia., bears S. 87°00' W., 214 lks. dist., marked ¼S8BT.

A juniper, 10 ins. in dia., bears N. 77°30' W., 114 lks. dist., marked ¼S5BT.

56.40	Draw, drains NW., 105 ft. below ¼ sec. cor.; asc. along a NE. slope to,
59.60	Old road, bears NW. and SE.
72.40	Spur, projects N., 220 ft. above draw; desc. a W. slope to
80.30	The cor. of secs. 5, 6, 7 and8, 75 ft. below spur.

Land; rollinh hills, W. exposure from bench land. Drainage N. and NW.

Soil, light colored, sandy loam.

Timber; widely scattered pinon and juniper.

Undergrowth; shadscale, bunch grass and short, scrub sagebrush.

Good grazing.

S. 89°59' W. on random line bet. secs. 6 and 7

40.00	Set a temp. ¼ sec. cor.
78.08	Intersect the cor. of secs. 6, 7, 1 and 12, on the W. bdy of the Tp., heretofore described.

Thence N. 89°59' E. on true line bet. secs. 6 and 7.

Over rolling hills, through scant undergrowth; asc a W.

Chains

slope to

7.80 Wash, drains NW., level with the sec. cor. asc. along a NW. slope to,

38.08 On a NW. slope, 70 ft. above wash, set an iron post, 3 f long and 1 in. in dia., 27 ins in the ground for the ¼ sec. cor., with a brass cap marked:

$$\frac{1}{4}\ \frac{S\ 6}{S\ 7}\ 1922$$

Raise a mound of stone, 2 ft. base and 1½ ft. high N. of the post: No bearing trees available.

61.40 Spur, projects N., 60 ft. above ¼ sec. cor.; desc. an E. slope to.

63.40 Draw, drains N., 20 ft. below spur; asc. a W. slope to,

68.30 Spur, projects N., 80 ft. above draw; desc. along a NE. slope to.

73.10 Draw, drains N. 10° W., 50 ft. below spur; asc. along a NW. slope to,

78.08 The cor. of secs. 5, 6,7 and 8, 80 ft. above draw.

Land, rolling hills, general W. exposure. Drainage, NW.

Soil, light colored, sandy to rocky loam.

Timber, none.

Undergrowth, sagebrush, shadscale and bunch grass.

Good grazing.

N. 0°16' W. on random line bet. secs. 5 and 6.

40.00 Set a temp. ¼ sec. cor.

79.68 Intersect the N. bdy. of the Tp. at a point 37 lks. W. of the cor. of secs. 5, 6, 31 and 32, heretofore described.

Thence South on true line bet. secs. 5 and 6.

Over level top of bench, through a scant undergrowth; along level top to,

Chains	
5.00	Break of bench land, bears NW. and SE., desc. along a broken SW. slope over sandstone ledges to,
15.20	Draw, drains N. 80° W., 130 ft. below sec. cor., enter scattering timber, bears N. 70° W. and E.; asc. a N. slope to,
22.10	Spur, projects NW., 110 ft. above draw., desc. along a SW. slope to,
33.00	Draw, drains NW., 85 ft. below spur; asc. along a NE. slope to,
39.68	On a NE. slope, 70 ft. above draw, set an iron post, 3 ft. long and 1in. in dia., 12 ins. in the ground to solid rock and 15 ins. in a mound of stone for the ¼ sec. cor., with a brass cap marked:

¼

S 6 | S 5

1922

from which

A juniper, 4 ins. in dia., bears S. 85°00' E., 25 lks. dist., marked ¼S5BT.

A pinon, 4 ins. in dia., bears N. 43°00' W., 36 lks. dist., marked ¼S6BT.

59.90	Spur, projects NW., 65 ft. above ¼ sec cor., desc. along a broken SW. slope to,
67.10	Draw, drains SW., 240 ft. below spur; asc. along a NW. slope to,
79.68	The cor. of secs. 5, 6, 7 and 8, 95 ft. above draw.

Land, broken hills, numerous sandstone ledges, rough draws, draining NW.

Soil, light colored, sandy loam in the draws and rocky, decomposed sandstone on the spurs.

Timber, scrub pinon and juniper.

Undergrowth, sagebrush, shadscale and bunch grass

Good grazing.

Latitudes, Departures and Closing Errors.

Lines Designated	True Bearing	Distance	Latitudes N	Latitudes S	Departures E	Departures W
W.bdy.T12SR22E	South	480.00		480.00		
S.bdy.T12SR22E	S 89°58' E	478.37		.28	478.37	
E.bdy.T12SR22E	North	480.00	480.00			
N.bdy.T12SR22E	N 89°57' W	478.03	.41			478.0
Convergency						.6
Totals			480.41	480.28	478.37	478.6
			480.28			478.3
Error in latitude-------			.13			
Error in departure----------						.2

Error of closure 1 in 6608.

GENERAL DESCRIPTION

The land embraced in this township consists, in general, of a high, arid bench, lying in a northerly and southerly direction through the center of the township. It is defined to east and west by abrupt, rocky slopes, cut through by rocky draws and gulches draining east and west into the main draws. To the east and to the south and west lie the two major draws. These two, with Bitter Creek, which flows diagonally through section 1, comprise the principal drainage system. One of the major draws, rising in section 26 drains northward, joining Bitter Creek at the north boundary of section 1. The second enters through the south boundry of section 35, flows northwest to section 29, thence north 15° west leaving the west boundary a shprt distance north of the corner of sections 6 and 7

The soil in the draws is a light colored, sandy to rocky loam; on the larger spurs and ridges are outcrops of sandstone and shale. The soil is underlain in the southern part by shale and in the northern part by sandstone.

T. 12 S., R. 22 E.

General Description

A scattering growth of scrub pinon and juniper is found in the south four tiers and the entire township is covered with a scant growth of sagebrush, shadscale and bunch grass.

There are no habitations nor agricultural land in the township. Practicaly all of the land can be utilized for grazing, but due to the scarcity of water can be used in the wet seasons only.

Bitter Creek, a stream about 18 lks. wide and 8 ins. deep, flowing diagonally , in a northwesterly direction, through section 1 furnishes the only water in the township. It is so strongly alkaline that it is not usable for culinary purposes and during the dry season cannot be used by stock.

The south half of the township is underlain by beds of oil shale, the extent of which could not be accurately determined due to the overburden of earth.

The mean magnetic declination is approximately N.16°30'E.

Harold L. Paul

Walt Elliott

U. S. Transitmen.

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Page

BOOK A-460

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FIELD ASSISTANTS.

NAMES.	CAPACITY.
Glen T. Blake	Principal Assistant
Edward W. Hoppes	Principal Assistant
Merlin A. Dalby	Assistant Chainman
Theodore R. Hoopes	Assistant Chainman
Rupert Leech	Flagman
Raymond McCandless	Flagman
Earl Leech	Flagman
Albert Mott	Axeman
Carl Wilburn	Cornerman

6—2764

CERTIFICATE OF UNITED STATES [redacted]

I, We Harold S. Paul and Robert C. Yundt, U. S. Transitmen ~~U. S. Surveyor~~, hereby certify upon honor that, in pur
of special instructions received from the U. S. Surveyor General for ----Utah----
bearing date of the Second day of June, 1923, I have well, faithfully, and
in ~~my~~ our own proper person~~s~~, 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 West and No
Boundaries and of the Subdivisions of T. 12 S., R. 22 E.,
of the Salt Lake Bas
and Meridian, in the State of Utah, which are represente
the foregoing field notes as having been executed by ~~me~~ us, and under ~~my~~ our direction and on the dates as shown on date
and that all the corne
said survey have been established and perpetuated in strict accordance with the Manual of Surveying Inst
tions, and the special written instructions of the U. S. Surveyor General for Utah
and in the specific manner described in the field notes, and that the foregoing are the original field note
such survey.

Salt Lake City, Utah.
February 21, 1923.

Harold S. Paul
Robert C. Yundt
U. S. Transitmen ~~U. S. Surve~~

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah June 9, 19

The foregoing field notes of the survey of the West and North Boundaries and o
the Subdivisional lines of Township No. 12 South, Range No. 22 East

executed by Harold S. Paul and Robert C. Yundt
under his special instructions dated June 2, 19 22 having be
critically examined, and the necessary corrections and explanations made, the said field notes, and the surve
they describe, are hereby approved.

F. A. Dawson
U. S. Surveyor Gener

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

6—2784

U. S. Surveyor Gener

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4—679

U. S. Surveyor General's Office
FEB 23 1923
SALT LAKE CITY, UTAH

BOOK A-460

FIELD NOTES

OF THE XXXXXXXXXXXX

RETRACEMENT OF THE SECOND STANDARD PARALLEL SOUTH THROUGH R. 23 E.

ESTABLISHMENT OF ¼ SEC. CORS. ON THE NORTH BOUNDARY OF T. 11 S., R. 23 E

RESURVEY OF THE EAST BOUNDARY OF T. 11 S., R. 23 E.

SURVEY OF THE WEST BOUNDARY AND SUBDIVISIONS OF T. 11 S., R. 23 E.

Of the SALT LAKE BASE AND *Meridian,*

In the State of UTAH

EXECUTED BY

RALPH W. HODGE, U.S. TRANSITMAN.

ROBERT C. YUNDT, U.S. TRANSITMAN.

HAROLD S. PAUL, U.S. TRANSITMAN.

In the capacity of U. S. Surveyor S, *under instructions dated* JUNE 2, *19*22

issued by the United States Surveyor General to govern surveys included in Group No. 127, *which were approved by the Commissioner of the General Land Office,* JUNE 8, *19*22

ASSIGNMENT INSTRUCTIONS DATED SEPTEMBER 1, 1922.
ASSIGNMENT INSTRUCTIONS DATED SEPTEMBER 8, 1922.

Survey commenced NOVEMBER 2, *19*22.

Survey completed DECEMBER 5, *19*22.

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BOOK A-460

INDEX DIAGRAM.

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Retracement Bodily Lode Claim, Mineral Survey 5233, pages 125 and 126

T. 11 S., R. 23 E.

Date diagram for T.11 S., R 23 E.

Lines ruled and dated in black ran by Ralph W. Hodge, U.S. Transitman.
Lines ruled and dated in red and black ran by Robert C. Yundt, U.S. Transitman.
Lines ruled and dated in red ran by Harold S. Paul, U.S. Transitman.

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Survey commenced Nov. 2, 1922 and executed with Young and Son's light mountain transit No. 8522, used by Ralph W. Hodge, U.S. Transitman, Young and Son's light mountain transit No. 8396, used by Robert C. Yundt, U.S. Transitman, and Young and Son's light mountain transit No. 8573, used by Harold S. Paul, U.S. Transitman. Instruments are equipped with Smith Solar attachments and full vertical circles. The horizontal limbs are provided with two double verniers placed opposite each other, and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circles.

The instruments were approved for use on this survey by the Assistant Supervisor of Surveys for District No.6, conditional upon satisfactory field tests.

I examine the adjustments of the respective instruments and correct the level and collimation errors, then, to test the solar apparatuses by comparing their indicati resulting from solar observations made during a.m. and p.m. hours, I proceed as follows.

Nov. 2, 1922: At my camp, situated in the NW.¼ of the NE.¼ of sec. 26, T.11 S.,R.23 E., approximate latitude 39° 50' N., longitude 109° 20½'W.: At 6h. 29m. 41s. a.m. l.m.t. I make an hour angle observation on Polaris, west of the meridian, using instrument No. 8522, two each with the telescope in direct and reversed positio reading the horizontal deflection angle from a flag pole about 10.00 chs. north, in the direction N-NE. to Polaris.

Watch time of observation----------	6h.49m.41
Watch fast of local mean time--- ----------	20m.
Local mean time of observation----------	6h.29m.41
Mean horizontal angle from Polaris to flag--	0° 9'
Azimuth of Polaris----------	N.1°18'.W.
True bearing of flag----------	N.1°27'.W.

At 7h. 30m. a.m. apparent time I lay off the azimuth of the above mentioned flag, which is 1° 27' , to the East and mark the meridian thus determined with a nail in a stake, firmly driven in the ground, about 10.00 chs. North of my station.

At 8h. 0m. a.m. apparent time, with instrument No. 8522 in the meridian; I set off 39° 50' N. on the latitude arc; 14° 35 'S. on the declination arc; and determine a meridian with the solar attachment, which I find to agree within 1' of the true meridian.

At apparent noon; I make a meridian observation of the sun for time and latitude, observing simultaneously

T. 11 S., R. 23 E.

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 ---------- 35° 30½'
Reduced latitude---------- 39° 49' 44''
Mean watch time of observation-------- 12h.3m.39s. p.m.
Watch fast of local mean time--------- 20m.

At apparent noon, with the instrument in the meridian and the latitude arc unchanged, I find the reading of the declination arc to be 14° 39¾' S., which agrees with the computed declination of the sun.

At 4h. 0m. p.m. apparent time, with the instrument in the meridian and the latitude arc. unchanged, I set off 14° 41' S. on the declination arc; and determine a meridian with the solar attachment, which I find agrees with the true meridian.

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

Nov. 29, 1922: At my camp, situated in the SW.¼ of the SW.¼ of sec. 16 T. 11 S., R. 23 E., latitude 39° 51'N., long. 109° 22'W.: At 3h. 0.7m. a.m. l.m.t., I observe Polaris at Western Elongation, using transit No. 8522, with the telescope in direct and reversed positions, and mark the line thus determined with a nail in a stake driven firmly in the ground about 10.00 chs. to the N. of my station.

At 7h. 30m. a.m. apparent time; I lay off the azimuth of Polaris, which is 1° 26½' to the East, and mark the meridian thus determined with a nail in a stake driven firmly in the ground about 10.00 chs. North of my station.

Dec. 2, 1922; At the same station, with Young and Son's solar transits No. 8396 and No. 8573 in the meridian:

At 8h. 0m. a.m. apparent time, we set off 39° 51' N. on the latitude arcs; 21° 50' S. on the declination arcs; and determine meridians with the solar attachment which we find to agree with the true meridian.

At apparent noon, with the instruments in the meridian and the latitude arcs unchanged, we find the readings of the declination arcs to be 21° 54' S., which agrees with the computed declination of the sun.

At 4h. 0m. p.m. apparent time, with the instruments in the meridian and the latitude arcs unchanged, we set off 21° 53' S. on the declination arcs, and determine meridians with the solar attachments, which we find to agree with the true meridian.

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

The instruments were kept in good adjustment throughout the progress of this survey, frequent tests being made on meridians determined by observation made on Polaris. At the completion of the survey of this township we made final tests of the instruments, as follows:

Dec. 5, 1922: At 8h. 0m. a.m. apparent time, with the instruments in the meridian obtained by observation made on Polaris Nov. 29, 1922; We set off 39° 51' N. on the latitude arcs; 22° 14' S. on the declination arcs, and determine meridians with the solar attachment which we find to agree with the true meridian.

At apparent noon, with the instruments in the meridian and the latitude arcs unchanged, we find the readings of the declination arcs to be 22° 19' S., which agrees with the computed declination of the sun.

At 4h. 0m. p.m. apparent time, with the instruments in the meridian and the latitude arcs unchanged, we set off 22°16½' S. on the declination arcs, and determine meridians with the solar attachments, which we find to agree with the true meridian.

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

Measurements

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

Chains.	
	Retracement of the East Boundary of T. 11 S., R. 23 E.
	From the cor. of secs. 1 and 36, Ts. 11 and 12 S., R. 23 E., which is an iron post, 3 ins. diam., extending 12 ins. above the ground, firmly set, with brass cap properly marked and witnessed .
	North on retracement along the E. boundary of sec. 36.
8.09	Fall 1 lk. E. of the cor. of Ts. 11 and 12 S., R.24 E., which was set during the process of the survey of T. 11 S., R. 24 E. Therefore, the course bet. the two cors. mentioned is N. 0°03' W. and the distance is 8.09 chs.
	Continue original alignment and chaining.
40.00	Set temp. point for the ¼ sec. cor. of sec. 36.
48.17	Fall 1 lk. E. of the ¼ sec. cor. of secs. 31 and 36.

Chains.	
	Therefore, the course bet. the two last above mentioned corners is North and the distance is 40.08 chs.
	Continue alignment and chaining.
80.00	Set temp. point for the cor. of secs. 25 and 36.
	From the temp. point for the cor. of secs. 25 and 36.
	North on retracement along the E. boundary of sec. 25.
8.43	Fall 14 lks. W. of the cor. of secs. 25, 30, 31, and 36.
	Therefore, the course bet. the ¼ sec. cor. of secs. 31 and 36 and the cor. of secs. 25, 30, 31, and 36 is N. 0° 13' E. and the distance is 40.26 chs.
	Continue original alignment and chaining.
40.00	Set temp. point for the ¼ sec. cor. of sec. 25.
48.77	Fall 28 lks. W. of the ¼ sec. cor. of secs. 25 and 30.
	Therefore, the course bet. the cor. of secs. 25, 30, 31, and 36 and the ¼ sec. cor. of secs. 25 and 30 is N. 0° 12' E. and the distance is 40.34 chs.
	Continue original alignment and chaining.
80.00	Set temp. point for the cor. of secs. 24 and 25.
	From the temp. point for the cor. of secs. 24 and 25.
	North on retracement along the E. boundary of sec. 24.
8.85	Fall 29 lks. W. of the cor. of secs. 19, 24, 25, and 30.
	Therefore, the course bet. the ¼ sec. cor. of secs. 25 and 30 and the cor. of secs. 19, 24, 25, and 30 is N. 0° 01' E. and the distance is 40.08 chs.
	Continue original alignment and chaining.
40.00	Set temp. point for the ¼ sec. cor. of sec. 24.
48.79	Fall 33 lks. W. of the ¼ sec. cor. of secs. 19 and 24.
	Therefore, the course bet. the cor. of secs. 19, 24, 25, and 30 and the ¼ sec. cor. of secs. 19 and 24 is N. 0° 03' E. and the distance is 39.94 chs.
	Continue original alignment and chaining.
80.00	Set temp. point for the cor. of secs. 13 and 24.

Retracement of the East Boundary

of T. 11 S., R. 23 E.

Chains.	
	From the temp. point for the cor. of secs. 13 and 24.
	North on retracement along the E. boundary of sec. 13.
8.80	Fall 26 lks. W. of the cor. of secs. 13, 18, 19, and 24. Therefore, the course bet. the ¼ sec. cor. of secs. 19 and 24 and the cor. of secs. 13, 18, 19, and 24 is N. 0° 06' W. and the distance is 40.01 chs.
	Continue original alignment and chaining.
40.00	Set temp. point for the ¼ sec. cor. of sec. 13.
49.18	Fall 49 lks. W. of the ¼ sec. cor. of secs. 13 and 18. Therefore, the course bet. the cor. of secs. 13, 18, 19, and 24 and the ¼ sec. cor. of secs. 13 and 18 is N. 0° 20' E. and the distance is 40.38 chs.
	Continue original alignment and chaining.
80.00	Set temp. point for the cor. of secs. 12 and 13.
	From the temp. point for the cor. of secs. 12 and 13.
	North on retracement along the E. boundary of sec. 12.
9.11	Fall 42 lks. W. of the cor. of secs. 7, 12, 13, and 18. Therefore, the course bet. the ¼ sec. cor. of secs. 13 and 18 and the cor. of secs. 7, 12, 13, and 18 is N. 0° 06' W. and the distance is 39.93 chs.
	Continue original alignment and chaining.
40.00	Set temp. point for the ¼ sec. cor. of sec. 12.
49.07	Fall 36 lks. W. of the ¼ sec. cor. of 7 and 12. Therefore, the course bet, the cor. of secs. 7, 12, 13, and 18 and the ¼ sec. cor. of secs 7 and 12 is N. 0° 05' W. and the distance is 39.96 chs.
	Continue original alignment and chaining.
80.00	Set temp. point for the cor. of secs. 1 and 12.
	From the temp. point for the cor. of secs. 1 and 12.
	North on retracement along the E. boundary of sec. 1.

Chains.	
9.26	Fall 27 lks. W. of the cor. of secs. 1, 6, 7, and 12. Therefore, the course bet. the ¼ sec. cor. of secs. 7 and 12 and the cor. of secs. 1, 6, 7, and 12 is N. 0° 08' W. and the distance is 40.19 chs.
	Continue original alignment and chaining.
40.00	Set temp. point for the ¼ sec. cor. of sec. 1.
49.42	Fall 6 lks. W. of the ¼ sec. cor. of secs. 1 and 6. Therefore, the course bet. the cor. of secs. 1, 6, 7, and 12 and the ¼ sec. cor. of secs. 1 and 6 is N. 0° 18' W. and the distance is 40.16 chs.
	Continue original alignment and chaining.
89.25	Fall 21 lks. E. of the closing township cor. of T. 11 S., Rs. 23 and 24 E. Therefore, the course bet. the ¼ sec. cor. of secs. 1 and 6 and the closing township cor. of T. 11 S., Rs. 23 and 24 E. is N. 0° 23' W. and the distance is 39.83 chs.

Resurvey of the East Boundary
of T. 11 S., R. 23 E.

From the cor. of Ts. 11 and 12 S., R. 23 E., hereinbefore described.

N. 0° 03' W. on resurvey of the E. boundary of sec. 36.

Over rolling mountainous land through sagebrush and scattering timber.

Desc. gentle NE. slope.

5.00	Wash in small draw, 17 ft. below cor., drains N. 10° W. about 1 ch., thence W.
8.00	Point of small spur, 3 ft. above wash, projects W.
8.09	Intersect the cor. of Ts. 11 and 12 S., R. 23 E., which is a sandstone, 20 ins. x 14 ins. x 10 ins. above ground, firmly set, marked and witnessed as described in the notes of the survey of T. 12 S., R. 23 E.

Resurvey of the East Boundary

of T. 11 S., R. 23 E.

chains	
	Thence
	North, continuing chaining.
8.75	Draw, 3 ft. below small spur, drains W. Asc. S. slope.
11.20	Spur, 55 ft. above draw, projects W. Desc. NW. slope.
15.15	Draw, 37 ft. below spur, drains S.75°W. Asc. S. slope.
17.20	Spur, 20 ft. above draw, projects S.80° W. Desc. gentle N. slope.
26.22	Draw, 47 ft. below spur, drains W. Asc. S. slope.
29.40	Spur, 18 ft. above draw, projects S. 80° W. Desc. N. slope.
34.35	Draw, 17 ft. below spur, drains S.75° W. Asc. gentle S. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ cor. sec. 36, with brass cap marked S 36 ¼ 1922 from which, A juniper, 6 ins. diam., bears S. 26° W., 1.05 chs, dist., marked ¼ S 36 B T . A juniper, 7 ins. diam., bears N. 8° W., 78 lks. dist., marked ¼ S 36 B T .
48.17	Intersect the ¼ cor. secs. 31 & 36, which is a sandstone, 20 ins. x 16 ins. x 3 ins., above ground, marked ¼ on the W. face., from which, A cedar, 8 ins. diam., bears N. 71° E. 41 lks. dist., marked ¼ S 31 B T . This tree is dead. A cedar, 8 ins. diam., bears N 19° W. 19 lks. dist., marked ¼ S 36 B T . I obliterate the marks on the W. face of the stone cor. and mark same with ¼ on the E. face, destroy the bearing tree to the W. and mark two trees to the E., which are A juniper, 6 ins. diam., bears S. 63° E., 1.05 chs. dist., marked ¼ S 31 B T . A juniper, 6 ins. diam., bears S. 47¼°E., 1.35 chs. dist., marked ¼ S 31 B T . making this cor. common to sec. 31, T. 11 S., R. 24 E. only.

chains | Thence
N. 0° 13' E. continuing chaining.

49.26 Spur, 82 ft. above draw, projects W. Desc. NW. slope.

59.20 Draw, 58 ft. below spur, drains S. 60° W. Asc. S. slope.

67.00 Spur, 7 ft. above draw, projects W. Desc. gentle N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam, 27 ins. in the ground, 55 ft. below spur, for the cor. of secs. 25 & 36, with brass cap marked

T 11 S S 25	T 11 S S 31
S 36	
R 23 E	R 24 E

1922

from which

A juniper, 7 ins. diam., bears N. 75° W. 2.44 chs. dist., marked T 11 S R 23 E S 25 B T .

A juniper, 5 ins. diam., bears S. 76° W. 4.09 chs. dist., marked T 11 S R 23 E S 36 B T .

Land, rolling mountainous.
Soil, rocky.
Timber, scattering juniper.
Undergrowth, sagebrush and shadscale.

From the cor. of secs. 25 & 36, hereinbefore described.

N. 0° 13' E. on resurvey of the E. boundary of sec. 25.

Over rolling mountainous land through sagebrush and scattering timber.

Desc. gentle N. slope.

8.43 Intersect the cor. of secs. 25, 30, 31, & 36, which is a sandstone 18 ins. x 12 ins. x 4 ins. above ground, marked with 1 notch on the S. and 5 notches on the N. edges, from which

A cedar, 5 ins. diam., bears N. 5° E., 1.43 chs dist. marked T 11 S R 24 E S 30 B T .

A pinon, 5 ins. diam. bears S. 37° W., 32 lks. dist., marked T 11 S R 23 E S 36 B T .

A juniper, 5 ins. diam. bears N. 75½° W., 1.45 chs. dist., marked T 11 S R 23 E S 25 B T .

A mound of stone, 2½ ft. base, 1½ ft. high

Chains.	
	to W. of cor.
	I destroy the bearing tree to the W. and as no other tree is available to the E. I destroy the mound of stone to the W. and raise a mound of stone, 2½ ft. base, 1½ ft. high, E. of the cor. making this cor. common to secs. 30 and 31, T. 11 S., R. 24 E. only.
	Thence
	N. 0° 12' E. continuing chaining.
25.00	Draw, 83 ft. below cor. of secs. 25 and 36, drains W. Asc. S. slope.
33.70	Spur, 20 ft. above draw, projects S. 50° W. Desc. N. slope.
38.50	Draw, 22 ft. below spur, drains SW. Asc. S. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of sec. 25, with brass cap marked ¼ S 25 1922 from which A juniper, 6 ins. diam., bears N. 48° W., 27 lks. dist., marked ¼ S 25 B T . A juniper, 7 ins. diam., bears N. 45½° W., 2.40 chs. dist., marked ¼ S 25 B T .
44.80	Short spur, 45 ft. above draw, projects NE. Desc. N. slope.
48.77	Intersect the ¼ sec. cor. of secs 25 and 30, which is a sandstone, 12 x 12 x 6 ins. above ground, marked ¼ on the W. face, witnessed by a mound of stone to the W. I obliterate the ¼ mark on the W. face and mark the stone with ¼ on the E. face, and destroy the mound of stone to the W. I also raise a mound of stone to the E., 2½ ft. base, 1½ ft. high, making this cor. common to sec. 30 only.
	Thence
	N. 0° 01' E. continuing chaining.

Chains.

49.30 Draw, 28 ft. below spur, drains E. Asc. gentle S. slope.

53.80 Low, flat spur, 4 ft. above draw, projects N. 15° E. Desc. NW. slope.

66.10 Draw, 68 ft. below spur, drains W. Asc. S. slope.

68.75 Spur, 28 ft. above draw, projects N. Continue N. along top of spur.

78.75 Leave topof spur to NE. Desc. NW. slope into small swale.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 24 and 25, with brass cap marked

T 11 S S 24	T 11 S S 30
S 25 R 23 E	R 24 E.

1922

from which

A pinon, 6 ins. diam., bears N. 78¾° W., 47 lks dist., marked T 11 S R 23 E S 24 B T .

A pinon, 6 ins. diam., bears S. 71° W., 23 lks. dist., marked T 11 S R 23 E S 25 B T .

Land, rolling. mountainous.
Soil, rocky, sandy, on shale base.
Timber, scattering juniper and pinon.
Undergrowth, sagebrush and shadscale.

From the cor. of secs. 24 and 25, hereinbefore described.

N. 0° 01' E. on resurvey of the E. boundary of sec. 24.

Over rolling mountainous land through scattering timber and undergrowth.

Asc. S. slope.

2.10 Irregular spur, 11 ft. above cor., projects N. 45° W. 1 ch., thence N. 5° E. Desc. NE. slope.

7.06 Draw, 40 ft. below spur, drains N. 15° E. Asc. SE. slope.

8.85 Intersect the cor. of secs. 19, 24, 25, and 30, 20 ft. above draw, which is a sandstone, 24 x 8 x 6 ins. above ground, marked with four notches on the N. and 2 notches on the S. edges, from which

A cedar, 9 ins. diam., bears N. 71°E.,

chains	
	80 lks. dist,, marked T 11 S R 24 E S 19 B T .
	A mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.
	As no other bearing trees are available I transfer the above mentioned mound of stone from the W. to the E. side of the cor., making this cor. common to secs. 19 & 30 only.
	Thence
	N. 0° 03' E. continuing chaining.
10.34	Top of asc., 28 ft. above cor. Continue along E. slope of spur N.
15.34	Spur projects N. 45° E. Desc. NW. slope.
20.20	Draw, 80 ft. below spur, drains NE. Asc. SE. slope.
27.35	Spur, 25 ft. above draw, projects NE. Desc. NW. slope.
32.25	Draw, 70 ft. below spur, drains NE. Asc. SE. slope.
40.00	On SE. slope, 6 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ cor. sec. 24, with brass cap marked
	S 24 ¼ | 1922
	from which
	A juniper, 6 ins. diam., bears S. 84½° W., 2.61 chs. dist., marked ¼ S 24 B T .
	A juniper, 6 ins. diam., bears N. 31¼° W., 1.15 chs. dist., marked ¼ S 24 B T .
44.99	Spur, 17 ft. above draw, projects NE. Desc. N. slope.
48.79	On N. slope, 12 ft. below spur, intersect the ¼ cor. secs. 19 & 24, which is a sandstone, 16 ins.x 12 ins.x 6 ins., above ground, marked ¼ on the W. face, from which
	A cedar, 7 ins. diam., bears N. 40° E., 64 lks. dist., marked ¼ S 19 B T .
	A cedar, 4 ins. diam., bears S. 86½° W., 1.12 chs.dist., marked ¼ S 24 B T .

chains

I obliterate the ¼ mark on the W. face of the stone cor. and mark same with ¼ on the E. face. I also destroy the bearing tree to the W. and mark another tree to the E., which is

A juniper, 4 ins. diam., bears S. 65° E., 1.40 chs. dist., marked ¼ S. 19 B T.

making this cor. common to sec. 19 only.

Thence

N. 0° 06' W. continuing chaining.

49.80 Draw, 6 ft. below cor., drains W. Asc. SE. slope along E. side of spur.

56.75 Point of sandstone outcropping at top of ascent, 50 ft. above draw, projects E. Continue along broken E. slope of spur N.

66.70 Swale, 60 ft. below top of ascent, drains E. Asc. SE. slope.

68.90 Spur, 18 ft. above swale, projects N.25° E. From this point a prominent sandstone outcropping, 12 ft. x 6 ft. x 6 ft., bears NE., 50 lks. dist. Desc. NW. slope.

76.75 Draw, 90 ft. below spur, drains W. Asc. S. slope.

78.81 Top of sandstone ledge, 15 ft. high, faces S. Continue asc.

80.00 On top of spur, projecting NW., 55 ft. above draw, set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, to bed rock, supported by a mound of stone, for the cor. of secs. 13 & 24, with brass cap marked

T 11 S S 13	T 11 S S 19
S 24 R 23 E	R 24 E

1922

Deposit a sandstone memorial, 12 ins. x 8 ins. x 4 ins., marked with cross, at base of post. No bearing trees are available.

Land, rolling mountainous.
Soil, rocky.
Timber, scattering juniper, pinon, and cedar.
Undergrowth, shadscale and scattering sagebrush.

Resurvey of the East Boundary

of T. 11 S., R. 23 E.

chains	
	From the cor. of secs. 13 & 24, hereinbefore described.
	N. 0° 06' W. on resurvey of the E. boundary of sec. 13.
	Over broken mountainous land through shadscale and thinly scattering timber.
	Desc. NE. slope.
8.80	On NE. slope of spur, 100 ft. below the cor. of secs. 13 & 24, intersect the cor. of secs. 13, 18, 19, & 24, T. 11 S., Rs. 23 & 24 E., which is a sandstone, 15 ins.x 12 ins. x 4 ins., above ground, marked with 3 notches on the N. edge and 3 notches on the S. edge, witnessed by a mound of stone, 3 ft. base, 2 ft. high, W. of cor. I destroy the mound of stone to the W. and raise a mound of stone, 3 ft. base, 2 ft. high, E. of the cor., making this cor. common to secs. 18 & 19, T. 11 S., R. 24 E. omly. No bearing trees available.
	Thence
	N. 0° 20' E. continuing chaining.
5.00	Head of small draw, drains SE. Continue desc. along broken W. slope.
13.75	Draw, 140 ft. below the cor. of secs. 13 & 24, drains N. 80° W. Asc. along broken SW. slope.
23.75	Spur, 35 ft. above draw, projects W. Desc. N. slope.
28.70	Draw, 52 ft. below top of spur, drains N. 60° W. Asc. SW. slope.
32.90	Spur, 50 ft. above draw, projects W. Desc. N. slope.
36.60	Draw, 52 ft. below top of spur, drains W. Asc. S. slope.
38.70	Spur, 40 ft. above draw, projects W. Desc. over broken N. slope.
40.00	On broken N. slope, 22 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, supported by a mound of stone, for the ¼ cor. sec.13, with brass cap marked

S 13 | ¼

1922

chains.

from which

A juniper, 6 ins. diam., bears S. ½° W., 10 lks. dist., marked ¼ S 13 B T .

A juniper, 6 ins. diam., bears N. 31¾° W., 9 lks.dist., marked ¼ S 13 B T .

45.00 Top of abrupt descent. Continue down steep N. slope.

49.18 At bottom of steep N. slope, 212 ft. below top of spur, intersect the ¼ cor. secs. 13 & 18, which is a sandstone, 20 ins. x 16 ins. x 2 ins., above ground, marked ¼ on the W. face, witnessed by a mound of stone, 3 ft. base, 2 ft. high, W. of cor. I obliterate the ¼ mark on the W. face of the stone and mark a ¼ on the E. face. I also destroy the mound of stone to the W. of the cor. and raise a mound of stone, 3 ft. base, 2 ft. high, E. of the cor. making this cor. common to sec. 18, T. 11 S., R. 24 E. only. No bearing trees available.

Thence

N. 0° 06' W. continuing chaining.

53.40 Center of West Fork of Asphalt Wash, 5 ft. deep, 40 lks. wide, 15 ft. below the ¼ cor. sec. 18, drains N. 75° E. Asc. S. slope.

60.25 Top of rimrock, 30 ft. high, faces S. Coutinue asc.

63.65 Spur, 100 ft. above West Fork of Asphalt Wash, projects N. 75° E. Desc. gentle NE. slope.

71.95 Draw, 30 ft. below top of spur, drains E. Asc. SE. slope.

76.20 Spur, 57 ft. above draw, projects E. Desc. N. slope.

78.80 Draw, 35 ft. below top of spur, drains E. Asc. S. slope.

80.00 On S. slope, 12 ft. above draw, set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 12 & 13, with brass cap marked

T 11 S S 12	T 11 S S 18
S 13 R 23 E	R 24 E

Resurvey of the East Boundary
of T. 11 S., R.23 E.

chains	
	Deposit sandstone memorial, 10 ins. x 10 ins. x 2 ins., marked with cross, at base of post. No bearing trees available.
	Land, broken mountainous. Soil, rocky. Timber, juniper, pinon, and cedar. Undergrowth, shadscale, scattering sagebrush.
	From the cor. of secs.12 & 13, hereinbefore described.
	N. 0° 06' W. on resurvey of the E. boundary of sec. 12.
	Over broken mountainous land through shadscale and thinly scattering timber.
	Asc. S. slope.
3.06	Spur, 60 ft. above the cor. of secs. 12 & 13, projects SE. Desc. NE. slope.
9.11	On NE. slope, 90 ft. below top of spur, intersect the cor. of secs. 7, 12, 13, & 18, which is a sandstone, 16 ins. x 12 ins. x 3 ins., above ground, marked with 2 notches on the N. and 4 notches on the S. edges, witnessed by a mound of stone, 3 ft. base, 2 ft. high, W. of cor. I destroy the mound of stone to the W. and raise a mound of stone, 3 ft. base, 2 ft. high, E. of the cor., making this cor. common to secs. 7 & 18, T. 11 S., R. 24 E. only. No bearing trees available.
	Thence
	N. 0° 05' W. continuing chaining.
10.75	Foot of abrupt descent, 135 ft. below top of spur, bears NW. & SE. Continue over level land along W. side of West Fork of Asphalt Wash.
19.10	Foot of abrupt ascent, bears NE. & SW. Asc. SE. slope.
23.19	Spur, 80 ft. above foot of ascent, projects NE. Desc. over precipitous ledge, 60 ft. high, faces NW. Thence over gentle N. slope.
25.60	Draw, 65 ft. below top of spur, drains E. Asc. SE. slope over series of small sandstone outcroppings.

Resurvey of the East Boundary

of T. 11 S., R. 23 E.

chains

32.00 Top of sandstone bluff, 30 ft. high, faces S. Continue ascent.

33.05 Spur, 105 ft. above draw, projects S.10° E. Continue asc. along E. slope.

40.00 On E. slope, 65 ft. above spur, set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ cor. sec. 12, with brass cap marked

S 12 ¼

1922

Deposited a sandstone memorial, 14 ins. x 8 ins. x 4 ins. marked with cross (X) at base of post. No bearing trees available.

42.60 Spur, 70 ft. above ¼ cor. sec. 12, projects N. 75° E. Desc. N. slope.

49.07 On N. slope, 75 ft. below spur, intersect the ¼ cor. secs. 7 & 12, which is a sandstone, 16 ins. x 12 ins. x 4 ins., above ground, marked ¼ on the W. face, from which

A juniper, 6 ins. diam., bears S. 5¾° E., 1.37 chs. dist., marked ¼ S 7 B T.

A juniper, 7 ins. diam., bears S. 12½° W., 85 lks. dist., marked ¼ S 12 B T.

I obliterate the ¼ mark on the W. face of the stone, mark ¼ on the E. face, and destroy the bearing tree to the W. I also mark another bearing tree to the E. as follows; making this cor. common to sec. 7 only.

A juniper, 6 ins. diam., bears N. 25° E., 1.90 chs. dist., marked ¼ S 7 B T.

Thence

N. 0° 08' W. continuing chaining.

55.20 Spur, 60 ft. above ¼ cor. sec. 7, projects S. 75° E. Desc. NE. slope.

Resurvey of the East Boundary

of T. 11 S., R. 23 E.

chains	
59.10	Intersect the SW. boundary of mineral claim No. 5232 at S.57°06'E. 3.28 chs.dist from cor. No. 4.
60.12	Draw, 60 ft. below top of spur, drains E. Asc. S. slope.
62.10	Harrison Gilsonite Lode, 18 ins. wide, bears N. 56° W. and S. 56° E. From this point mouth of tunnel bears N. 56° W. approximately 20 lks. dist.
63.00	Spur, 45 ft. above draw, projects E. Continue along top of spur.
64.47	Intersect the NE. boundary of mineral claim No. 5232 at S.56°56'E. 0.43 chs.dist from cor. No. 1.
73.89	Spur bears NE. Desc. broken NW. slope.
80.00	On NW. slope, 85 ft. below top of spur, set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 1 & 12, with brass cap marked

T 11 S S 1	T 11 S S 7
S 12 R 23 E	R 24 E

1922

from which

A juniper, 6 ins. diam., bears S 2½° W., 10 lks. dist., marked T 11 S R 23 E S 12 B T .

A juniper, 9 ins. diam., bears N. 25¾° W., 65 lks. dist., marked T 11 S R 23 E S 1 B T .

Land, broken mountainous.
Soil, rocky.
Timber, juniper, pinon, and cedar.
Undergrowth, shadscale and scattering sagebrush.

From the cor. of secs. 1 & 12, hereinbefore described.

N. 0° 08' W. on resurvey of the E. boundary of sec. 1.

Over broken mountainous land through shadscale and thinly scattering timber.

Desc. NW. slope.

4.95	Draw, 40 ft. below the cor. of secs. 1 & 12, drains NE. Asc. SE. slope.

chains

9.26 On SE. slope, 10 ft. above draw, intersect the cor. of secs. 1, 6, 7, & 12, which is a sandstone, 26 ins. x 12 ins. x 7 ins., above ground, marked with 5 notches on the S. and 1 notch on the N. faces, witnessed by a mound of stone, 4 ft. base, 3 ft. high, W. of cor. I destroy the mound of stone to the W. and raise a mound of stone, 4 ft. base 3 ft. high E. of the cor., making this cor. common to secs. 6 & 7, T. 11 S., R. 24 E. only. No bearing trees available.

Thence

N.0° 18' W. continuing chaining.

9.55 Small spur, 20 ft. above cor. of secs. 6 & 7, projects NE. Desc. NW. slope.

11.00 Draw, 25 ft. below small spur, drains NE. Asc. SE. slope.

13.25 Spur, 25 ft. above draw, projects NE. Desc. NW. slope.

14.40 Draw, 27 ft. below spur, drains NE. Asc. rocky S. slope.

17.00 Top of sandstone ledge, 30 ft. high, 60 ft. above draw, faces S. Continue ascent.

20.70 Spur, 120 ft. above draw, projects NE. Desc. NW. slope.

23.75 Small draw, 60 ft. below top of spur, drains E. Asc. S. slope.

25.70 Spur, 60 ft. above draw, projects S. 15° E. Desc. along gentle NE. slope.

29.90 Draw, 90 ft. below spur, drains E. Asc. S. slope.

32.00 Spur, 80 ft. above draw, projects NE. Continue along flat top of spur.

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

S 1 | ¼
1922

from which

A juniper, 6 ins. diam., bears S. [illegible] W.,

chains	
	38 lks. dist., marked ¼ S 1 B T .
	A juniper, 10 ins. diam., bears N. 28¼° W., 24 lks. dist., marked ¼ S 1 B T.
44.39	Intersect the SW. boundary of Mineral Claim No. 5240 4.21 chs. N. 65° 36' W. of cor. No. 1.
46.30	Desc. N. slope.
49.00	Draw, 15 ft. below top of desc., drains E. Asc. S. slope.
49.42	On S. slope, 5 ft. above draw, intersect the ¼ sec. cor. for secs. 1 and 6, which is a sandstone, 10 x 8 x 4 ins., above ground, marked ¼ on the W. face, from which
	A juniper, 8 ins. diam., bears S. 65°E., 22 lks. dist. This tree is plainly blazed, but no scribe markings are discernible.
	A juniper, 7 ins. diam., bears S. 73½° E., 98 lks. dist. This tree is plainly blazed, but no scribe markings are discernible.
	I obliterate the ¼ mark on the W. face of the stone, mark ¼ on the E. face, and mark another bearing tree to the E. as follows: making this cor. common to sec. 6.
	A juniper, 6 ins. diam., bears N. 65¾° E., 83 lks. dist., marked ¼ S 6 B T .
	Thence
	N. 0° 23' W. continuing chaining.
49.49	Intersect the NE. boundary of Mineral Claim No. 5240 6.45 chs. N. 65° 10' W. of cor. No. 2.
50.25	Spur, 20 ft. above cor., projects S. 80° E. Desc. broken N. slope.
55.17	Draw, 60 ft. below spur, drains S. 85° E. Asc. S. slope.
62.80	Spur, 55 ft. above draw, projects SE. Desc. NE. slope.
69.80	Draw, 50 ft. below top of spur, drains SE. Asc. S. slope.
75.60	Top of sandstone bluff, 75 ft. high, 215 ft. above draw, faces S. Desc. N. slope of spur E.
81.50	Draw, 146 ft. below top of spur, drains E. Asc. rocky

chains	
	SSE. slope over series of small sandstone outcroppings
89.25	On SSE. slope, 95 ft. above draw, intersect the closing township cor. for T. 11 S., Rs. 23 and 24 E., which is a sandstone, 26 x 16 x 5 ins., above ground, marked CC on the S. and 6 notches on the S., E., and W. faces from which A cedar, 4 ins. diam., bears S. 55° E., 69 lks. dist., marked T. 11 S R 24 E S 6 B T . A cedar, 4 ins. diam., bears S. 2° W., 44 lks. dist., marked T 11 S R 23 E S 1 B T .
	Land, broken mountainous. Soil, rocky. Timber, juniper, pinon, and cedar. Undergrowth, shadscale and scattering sagebrush.
	Retracement of the Second Standard Parallel South through R. 23 E.
	From the closing township cor. for T. 11 S., Rs. 23 and 24 E., hereinbefore described.
	West on retracement along the N. boundary of sec. 1.
11.01	Intersect the standard sec. cor for secs. 35 and 36, T. 10 S., R. 23 E. Therefore the course bet. the two above mentioned corners is West and the distance is 11.01 chs.
	From the standard sec. cor. for secs. 35 and 36.
	West on retracement along the S. boundary of sec. 35.
39.98	Intersect the standard ¼ sec. cor. Therefore, the course of this half mile is West and the distance is 39.98 chs.
	Continue alignment and chaining.
80.00	Intersect the standard sec. cor. for secs. 34 and 35. Therefore, the course of this half mile is West and the distance is 40.02 chs.
	From the standard sec. cor. for secs. 34 and 35.
	West on retracement along the S. boundary of sec. 34.
39.95	Fall 1 lk. N. of the standard ¼ sec. cor. Therefore, the

chains	
	course of this half mile is S. 89° 59' W. and the distance is 39.95 chs.
	Continue alignment and chaining.
79.93	Fall 1 lk. N. of the standard sec. cor. for secs. 33 and 34. Therefore, the course of this half mile is West and the distance is 39.98 chs.
	From the standard sec. cor. for secs. 33 and 34.
	West on retracement along the S. boundary of sec. 33.
40.04	Fall 2 lks. N. of the standard ¼ sec. cor. Therefore, the course of this half mile is S. 89° 58' W. and the distance is 40.04 chs.
	Continue alignment and chaining.
79.96	Fall 3 lks. S. of the standard sec. cor. for secs. 32 and 33. Therefore, the course of this half mile is N. 89° 56' W. and the distance is 39.92 chs.
	From the standard sec. cor. for secs. 32 and 33.
	West on retracement along the S. boundary of sec. 32.
40.00	Fall 1 lk. S. of the standard ¼ sec. cor. Therefore, the course of this half mile is N. 89° 59' W. and the distance is 40.00 chs.
	Continue alignment and chaining.
80.00	Fall 6 lks. N. of the standard sec. cor. for secs. 31 and 32. Therefore, the course of this half mile is S. 89° 55' W. and the distance is 40.00 chs.
	From the standard sec. cor. for secs. 31 and 32.
	West on retracement along the S. boundary of sec. 31.
39.85	Fall 6 lks. N. of the standard ¼ sec. cor. Therefore, the course of this half mile is S. 89° 55' W. and the distance is 39.85 chs.
	Continue alignment and chaining.
79.91	Fall 15 lks. N. of the standard township cor. for T.10 S.,

chains

Rs. 22 and 23 E. Therefore, the course of this half mile is S. 89° 52' W. and the distance is 40.06 chs.

From the standard township cor. for T. 10 S., Rs. 22 and 23 E.

West on retracement along the S. boundary of sec. 36.

40.29 Fall 10 lks. N. of the standard ¼ sec. cor. Therefore, the course of this half mile is S. 89° 51' W. and the distance is 40.29 chs.

Continue alignment and chaining.

80.00 Intersect the standard sec. cor. for secs. 35 and 36. Therefore the course of this half mile is N. 89° 51' W. and the distance is 39.71 chs.

Establishment of ¼ Sec. Cors. on the North Boundary of T. 11 S., R. 23 E.

From the closing township cor. for T. 11 S., Rs. 23 and 24 E.

West along the N. boundary of sec. 1,

11.01 Intersect the standard sec. cor. for secs. 35 and 36, which is a sandstone, 10 x 8 x 4 ins., above ground, marked SC on the N. with 5 grooves on the W. and 1 grooveson the E. faces, from which

A cedar, 6 ins. diam., bears N. 23° W., 69 lks. dist., marked T. 10 S R 23 E S 35 B T .

A cedar, 14 ins. diam., bears N. 41° E., 83 lks. dist., marked T 10 S R 23 E S 36 B T .

Thence

West continuing chaining.

39.87 Midpoint bet. the closing township cor. for T. 11 S., Rs. 23 and 24 E. and the closing sec. cor. for secs. 1 and 2. Set an irom post, 3 ft. long, 1 in. diam., 16 ins. in the ground, supported by a mound of stone, for

chains	
	the ¼ sec. cor. sec. 1, with brass cap marked ¼ S 1 1922
	from which
	A juniper, 6 ins. diam., bears S. 42½° E., 78 lks. dist., marked ¼ S 1 B T .
	A juniper, 8 ins. diam., bears S. 42° W., 1.60 chs. dist., marked ¼ S 1 B T .
50.99	Intersect the standard ¼ sec. cor. for sec. 35, which is a sandstone, 12 x 8 x 7 ins., above ground, marked SC¼ on the N. face, witnessed by a mound of stone, 2½ ft. base, 1½ ft. high N. of cor.
	Continue alignment and chaining.
79.74	Intersect the closing sec. cor. for secs. 1 and 2, hereinafter described.
	From the closing sec. cor. for secs. 1 and 2.
	West along the N. boundary of sec. 2.
11.27	Intersect the standard sec. cor. for secs. 34 and 35, which is a sandstone, 14 x 10 x 8 ins., above ground, marked SC on the N face with 4 grooves on the W. and 2 grooves on the E. faces, from which
	A cedar, 12 ins. diam., bears N. 23° W., 30 lks. dist., marked T 10 S R 23 E S 34 B T .
	A cedar, 10 ins. diam., bears N. 18½° E., 12 lks. dist., marked T 10 S R 23 E S 35 B T .
	Thence
	S. 89° 59' W. continuing chaining.
40.09	Midpoint bet. the closing sec. cor. for secs. 1 and 2 and the closing sec. cor. for secs. 2 and 3. Set an iron post, 3 ft. long, 1 in. diam., over cross marked on bedrock, supported by a mound of stone, for the ¼ sec. cor. sec. 2, with brass cap marked ¼ S 2 1922

chains

from which

A juniper, 12 ins. diam., bears S. 30° E., 2.22 chs. dist., marked ¼ S 2 B T .

A juniper, 6 ins. diam., bears S. 46° W., 45 lks dist., marked ¼ S 2 B T .

51.22 Intersect the standard ¼ sec. cor. for sec. 34, which is a sandstone, 10 x 8 x 6 ins., above ground, marked SC¼ on the N. face, from which

A cedar, 8 ins. diam., bears N. 48° E., 1.00 ch. dist., marked S C ¼ S B T .

A cedar, 6 ins. diam., bears N. 42° W., 1.08 chs. dist., marked S C ¼ S B T .

Thence

West continuing chaining.

80.18 Intersect the closing sec. cor. for secs. 2 and 3, hereinafter described.

From the closing sec. cor. for secs. 2 and 3.

West along the N. boundary of sec. 3.

11.02 Intersect the standard sec. cor. for secs. 33 and 34, which is a sandstone, 18 x 16 x 6 ins., above ground, marked SC on the N. face with 3 grooves on the E. and W. faces, witnessed by a mound of stone, 2½ ft. base, 1½ ft. high N. of the cor.

Thence

S. 89° 58' W. continuing chaining.

39.93 Midpoint bet. the closing sec. cor. for secs. 2 and 3 and the closing sec. cor. for secs. 3 and 4. Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock, supported by a mound of stone, for the ¼ sec. cor. sec. 3, with brass cap marked

¼ S 3

1922 .

from which

Establishment of the ¼ Sec. Cors. on the North Boundary of T. 11 S., R. 23 E.

chains	
	A juniper, 3 ins. diam., bears S. 44½° W., 18 lks. dist., marked B T . No other trees available. Deposited a sandstone memorial, 10 x 8 x 6 ins., at base of post, marked with cross (X).
51.06	Intersect the standard ¼ sec. cor. for sec. 33, which is a sandstone, 18 x 10 x 5 ins., above ground, marked SC¼ on the N. face, witnessed by a mound of stone, 2 ft. base, 1½ ft. high N. of the cor.
	Thence
	N. 89° 56' W. continuing chaining.
79.86	Intersect the closing sec. cor. for secs. 3 and 4, hereinafter described.

From the closing sec. cor. for secs. 3 and 4.

N. 89° 56' W. along the N. boundary of sec. 4.

11.12 Intersect the standard sec. cor. for secs. 32 and 33, which is a sandstone, 15 x 8 x 4 ins., above ground, marked SC on the N. face with 4 grooves on the E. and 2 grooves on the W. faces, witnessed by a mound of stone, 2 ft. base, 1½ ft. high, N. of the cor.

Thence

N. 89° 59' W. continuing chaining.

40.15 Midpoint bet. the closing sec. cor. for secs. 3 and 4 and the closing sec. cor. for secs. 4 and 5. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, supported by a mound of stone, with brass cap marked for ¼ sec.cor for Sec.4.

¼ S 4
1922

from which

A juniper, 8 ins. diam., bears S. 60° E., 68 lks. dist., marked ¼ S 4 B T .

A juniper, 6 ins. diam., bears S. 33½° W., 1.30 chs. dist., marked ¼ S 4 B T .

Establishment of ¼ Sec. Cors. on the North Boundary of T. 11 S., R. 23 E.

chains	
51.12	Intersect the standard ¼ sec. cor. for sec. 32, which is a sandstone 8 x 6 x 6 ins., above ground, marked SC¼ on the N. face, from which A cedar, 5 ins. diam., bears N.60° E., 76 lks. dist., marked SC¼SBT. A cedar, 5 ins. diam., bears N. 58° W., 25 lks. dist., marked SC¼SBT.
	Thence
	S. 89° 55' W. continuing chaining.
80.30	Intersect the closing sec. cor. for secs. 4 and 5, hereinafter described.
	From the closing sec. cor. for secs. 4 and 5.
	S. 89° 55' W. along the N. boundary of sec. 5.
10.82	Intersect the standard sec. cor. for secs. 31 and 32, which is a sandstone, 12 x 10 x 5 ins., above ground, marked SC on the N. face with 5 grooves on the E. face. No markings are discernible on the W. face, because of the crumbling of the stone. Cor. witnessed by a mound of stone, 2 ft. base, 1½ ft. high, N. of the cor.
	Thence
	S. 89° 55' W. continuing chaining.
40.22	Midpoint bet. the closing sec. cor. for secs. 4 and 5 and the closing sec. cor. for secs. 5 and 6. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. sec. 5, with brass cap marked ¼ S 5 1922 Raise a mound of stone, 2½ ft. base, 1½ ft high to S.
50.67	Intersect the standard ¼ sec. cor. for sec. 31, which is a sandstone, 12 x 10 x 2 ins., above ground, markings not discernible, from which A cedar, 8 ins. diam., bears N. 74° W., 54 lks.

Chains.	
	dist., marked S C ¼ S B T .
	A cedar, 6 ins. diam., bears N. 2° E., 45 lks. dist., marked S C ¼ S B T .
	Thence
	S. 89° 52' W. continuing chaining.
80.44	Intersect the closing sec. cor. of secs. 5 and 6, hereinafter described.
	From the closing sec. cor. of secs. 5 and 6.
	S. 89° 52' W., along the N. boundary of sec. 6.
10.29	Intersect the standard township cor. of T. 10 S., Rs. 22 and 23 E., which is a limestone, 16 x 8 x 8 ins. above ground, marked S C and 6 notches on the N., R 23 E and 6 notches on the E., and R 22 E and 6 notches on the W. faces, witnessed by a mound of stone, 2 ft. base, 1½ ft. high, N. of the cor.
	Thence
	S. 89° 51' W. continuing chaining.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of sec. 6, with brass cap marked ¼ S 6 / 1922. Raise a mound of stone, 3 ft. base, 2½ ft. high, S. of the cor.
50.58	Intersect the standard ¼ sec. cor. of sec. 36, which is a sandstone, 15 x 12 x 2 ins. above ground, marked SC¼ on the N. face, witnessed by a mound of stone, 3 ft. base, 2 ft. high, N. of the cor.
	Thence
	N. 89° 51' W. continuing chaining.
75.28	Intersect the closing township cor. of T. 11 S., Rs. 22 and 23 E., hereinafter described.

Chains.

Survey of the West Boundary
of T. 11 S., R. 23 E.

From the cor. of Ts. 11 and 12 S., Rs. 22 and 23 E., as described in the notes of the survey of T. 12 S., 23 E.

North along the West boundary of sec. 31.

Over broken mountainous land through scattering timber and undergrowth.

Desc. along swale draining N. into draw,

16.00 Road, bears E. and W.

16.40 Draw, 115 ft. below cor., drains W. Asc. SW. slope.

40.00 On SW. slope, 195 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, supported by a mound of stone, for the ¼ sec. cor. of secs. 31 and 36, with brass cap marked

¼
S 36 | S 31
1922

Deposited a sandstone memorial, 10 x 8 x 6 ins, marked with cross (X) at base of post. No bearing trees available.

41.55 Spur, 75 ft. above cor., projects N. 80° W. Desc. over broken N. slope.

56.25 Draw, 60 ft. below top of spur, drains NW. Asc. SW. slope.

65.55 Spur, 60 ft. above draw, projects NW. Desc. NE. slope.

70.55 Draw, 70 ft. below top of spur, drains S. 65° W. about 5 chs. dist., thence N. 80° W. Asc. gentle N. slope.

80.00 On gentle N. slope, 15 ft. above draw, set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 25, 30, 31, and 36, with brass cap marked

T 11 S
R 22 E | R 23 E
S 25 | S 30
S 36 | S 31
1922

chains

from which

A cedar, 8 ins. diam., bears N. 49° E., 72 lks. dist., marked T 11 S R 23 E S 30 B T .

A cedar, 3 ins. diam., bears S 29° E., 14 lks. dist., marked B T only.

A cedar, 12 ins. diam., bears S. 75° W.,66 lks. dist, marked T 11 S R 22 E S 36 B T .

A cedar, 12 ins. diam., bears N. 65¼° W., 1.95 chs. dist., marked T. 11 S R 22 E S 25 B T .

Land, broken mountainous.
Soil, sandy, rocky.
Timber, scattering cedar and pinon.
Undergrowth, shadscale and scattering sagebrush.

From the cor. of secs. 25, 30, 31, and 36.

North along the W. boundary of sec. 30.

Over broken mountainous land through scattering timber and undergrowth.

Desc. gentle N. slope.

.50 Draw, 8 ft. below cor., drains SW. Asc. gentle SE. slope.

30.00 Bottom of abrupt ascent, 150 ft. above draw, bears NW. and SE. Asc. SW. slope over series of sandstone ledges.

40.00 True point for the ¼ sec. cor. falls on face of ledge, 140 ft. high. Impossible to set post.

42.70 Top of spur, 660 ft. above draw, projects NW. Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, to bedrock, supported by a mound of stone, for the witness ¼ sec. cor. of secs. 25 and 30, with brass cap marked

¼
S 25 | S 30
W C
1922

Deposited a sandstone memorial, marked with cross, at base of post. No bearing trees are available.

Desc. NE slope.

Survey of the West Boundary

of T. 11 S., R. 23 E.

chains

60.80 Swale, 520 ft. below top of spur, drains N.70° W. Asc. broken SW. slope.

77.30 Spur, 60 ft. above swale, projects NW. Desc. NE. slope.

80.00 On NE. slope, 50 ft. below top of spur, set an iron post 3 ft. long, 2 ins. diam., 6 ins. in the ground, to bedrock, supported in a mound of stone, for the cor. secs. 19, 24, 25, and 30, with brass cap marked

T 11 S
R 22 E | R 23 E
S 24 | S 19
S 25 | S 30
1922

from which

A cedar, 6 ins. diam., bears N. 51¼° E., 1.19 chs dist., marked T 11 S R 23 E S 19 B T .

A cedar, 8 ins. diam., bears S. 41¾° E., 8 lks. dist., marked T 11 S R 23 E S 30 B T .

A cedar, 3 ins. diam., bears S. 20¾° W., 63 lks. dist., marked B T .

A cedar, 8 ins. diam., bears N. 46° W., 1.71 chs. dist., marked T 11 S R 22 E S 24 B T .

Land, broken mountainous.
Soil, sandy, rocky.
Timber, thinly scattering cedar, juniper and pinon.
Undergrowth, shadscale and scattering sagebrush.

From the cor. of secs. 19, 24, 25, and 30.

North along the W. boundary of sec. 19.

Over broken mountainous land through scattering timber and undergrowth.

Desc. NE. slope.

12.60 Draw, 120 ft. below cor., drains N.65° W. Asc. rough broken SW. slope.

40.00 True point for the ¼ sec. cor. falls on face of ledge. Impossible to set post at true point for cor.

43.00 Top of ledge, 100 ft. high, 485 ft. above draw, faces SW.

Chains	
42.10	On top of ledge, set an iron post, 5 ft. long, 1 in. diam., over cross (X) marked on bedrock, supported by a mound of stone, for the witness ¼ sec. cor. of secs. 19 and 24, with brass cap marked ¼ S 24 | S 19 W C 1922 No bearing trees are available.
43.70	Top of spur, 10 ft. above witness cor., projects NW. Desc. NE. slope.
44.00	Enter medium heavy growth of small timber, bears NW. and SE.
70.90	Shallow ravine, 200 ft. below top of spur, drains N. 20° W. Asc. SW. slope. Leave heavy timber. Enter scattering timber, bears NW. and SE.
80.00	On point of spur, projecting N. 25° W., 65 ft. above ravine, set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 13, 18, 19, and 24, with brass cap marked T 11 S R 22 E | R 23 E S 13 | S 18 S 24 | S 19 1922 from which A cedar, 6 ins. diam., bears N. 46° E., 1.75 chs. dist., marked T 11 S R 23 E S 18 B T. A cedar, 4 ins. diam., bears S. 74¼° E., 50 lks. dist., marked T 11 S R 23 E S 19 B T. A cedar, 3 ins. diam., bears S. 28½° W., 1.00 chs dist., marked B T only. A cedar, 3 ins. diam., bears N. 28½° W., 66 lks. dist., marked B T only.

Land, broken mountainous.
Soil, sandy, rocky.
Timber, cedar, juniper and pinon.
Undergrowth, shadscale and scattering sagebrush.

chains

From the cor. of secs. 13, 18, 19, and 24.

North along the W. boundary of sec. 18.

Over broken mountainous land through scattering timber and undergrowth.

Desc. NW. slope.

8.60 Draw, 205 ft. below top of spur, drains N. 70° W. about 1 ch. into ravine. Asc. slightly along broken W. slope

25.50 Point of spur, 15 ft. above draw, projects NW. about 2 chs. dist. Desc. NW. slope.

37.50 Draw, 150 ft. below point of spur, drains N.70° W. Asc. SW. slope.

40.00 On SW. slope, 10 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 13 and 18, with brass cap marked

¼
S 13 | S 18
1922

from which

A cedar, 6 ins. diam., bears S. 78½° E., 2.74 chs. dist., marked ¼ S 18 B T .

A cedar, 6 ins. diam., bears S. 34½° W., 2.18 chs. dist., marked ¼ S 13 B T .

44.75 Point of spur, 175 ft. above cor. , projects W. about 5 chs. Desc. NW. slope.

61.80 Draw, 200 ft. below point of spur, drains W. Asc. S. slope over high rimrock. Leave timber NW. and SE.

65.70 Top of ledge, 150 ft. high, 200 ft. above draw, faces S. Continue ascent along SW. slope.

67.00 Gilsonite vein, 8 ins. wide, bears N. 55° W. and S. 55° E.

74.35 Break of rolling plateau, 75 ft. above top of ledge, bears N. 70° W. and S. 70° E. Continue ascent over rolling plateau.

chains.

80.00 On gentle SW. slope, 25 ft. above break of plateau, set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 7, 12, 13, and 18, with brass cap marked

T 11 S
R 22 E | R 23 E
S 12 | S 7
S 13 | S 18
1922

Deposit a memorial stone, marked with cross (X) at base of post. No bearing trees available.

Land, broken mountainous and rolling.
Soil, sandy, rocky.
Timber, cedar, juniper and pinon.
Undergrowth, shadscale, scattering sagebrush, and bunch grass.

From the cor. of secs. 7, 12, 13, and 18.

North along the W. boundary of sec. 7.

Over rolling plateau through scattering undergrowth.

Desc. slightly over gentle NE. slope.

19.95 Small swale, 35 ft. below cor., drains N. 20° W. Asc. slightly over gentle SW. slope.

40.00 On gentle SW. slope, 5 ft. above swale, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 7 and 12, with brass cap marked

¼
S 12 | S 7
1922

Raise a mound of stone, 2½ ft. base, 1½ ft. high W. of the cor.

45.00 Small spur, 5 ft. above cor., projects N. 20° W. Desc. slightly over gentle NE. slope.

57.50 Swale, 30 ft. below top of small spur, drains N. 25° W. Asc. slightly over gentle SW. slope.

65.00 Small spur, 25 ft. above swale, projects NW. Desc. NE. slope.

chains

76.95 Small draw, 70 ft. below top of small spur, drains NW. Asc. slightly over gentle SW. slope.

80.00 On gentle SW. slope, 10 ft. above small draw, set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for the cor. of secs. 1, 6, 7, and 12, with brass cap marked

T 11 S
R 22 E | R 23 E
S 1 | S 6
S 12 | S 7
1922

Raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of the cor.

Land, rolling plateau.
Soil, sandy, rocky.
Timber, none.
Undergrowth, shadscale, scattering sagebrush, and bunch grass.

From the cor. of secs. 1, 6, 7, and 12.

North along the W. boundary of sec. 6.

Over rolling plateau through scattering undergrowth.

Asc. gentle SW. slope.

9.95 Short spur, 60 ft. above cor., projects NW. about 7 chs. Desc. NE. slope.

24.50 Draw, 150 ft. below top of small spur, drains NW. Asc. SW. slope.

39.90 Point of spur, 80 ft. above draw, projects NW. about 3 chs. Desc. NW. slope.

40.00 On point of spur, projecting NW., set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. secs. 1 and 6, with brass cap marked

¼
S 1 | S 6
1922

Deposit a memorial stone, marked with cross (X), at base of post. Sandstone, 8 x 6 x 6 ins.

76.80 Draw, 260 ft. below ¼ sec. cor., drains N. 10° E. Asc.

chains.

SE. slope.

R. 22 E.,

87.72 Intersect the Second Standard Parallel South, 15.01 chs. S. 89° 51' E., of the standard sec. cor. of secs. 35 and 36, which is a sandstone, 18 x 12 x 5 ins., above ground, marked SC on the N. and 6 notches on the E. faces, firmly set, witnessed by a mound of stone, 2½ ft. base, 1½ ft. high, N. of the cor. At the point of intersection,

Set an iron post, 3 ft. long, 3 ins. diam., 15 ins. in the ground, to bedrock, supported by a mound of stone, for the closing township cor. of T. 11 S., Rs. 22 and 23 E., with brass cap marked

T 10 S R 22 E
S 36
S 1 | S 6
R 22 E | R 23 E
T 11 S
C C
1922

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

Land, rolling plateau, General drainage NW.
Soil, rocky, sandy.
Timber, none.
Undergrowth, shadscale, scattering sagebrush, and bunch-grass.

Subdivision of T. 11 S., R. 23 E.

From the cor. of secs. 1, 2, 35, and 36, Ts. 11 and 12 S., R. 23 E., on the South boundary of the township, as described in the notes of the survey of T. 12 S., R. 23 E.

N. 0° 02' W., bet. secs. 35 and 36.

Over low, rolling hills through medium undergrowth.

.10 Draw, drains N. 70° E. Asc. S. slope.

3.90 Top of sandstone rimrock, 15 ft. high, 70 ft. above cor., faces S. Continue ascent.

4.80 Spur, 15 ft. above top of rimrock, projects NE. Desc. N. slope.

9.80 Draw, 20 ft. below top of spur, drains NE. Asc. slightly over SE. slope.

chains.

12.00 Top of ascent, 10 ft. above draw. Head of draw, drains NE. Spurs project NE. and N. Desc. slightly along top of spur N.

22.00 Spur bears to NE., 15 ft. below top of ascent. Desc NW. slope.

27.70 Draw, 80 ft. below top of spur, drains NE. Asc. SE. slope.

31.90 Spur, 35 ft. above draw, projects NE. Desc. NW. slope.

36.90 Draw, 30 ft. below top of spur, drains NE. Asc. SE. slope.

40.00 On SE. slope, 30 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36, with brass cap marked

$$\begin{array}{c|c} & \frac{1}{4} \\ \text{S 35} & \text{S 36} \\ & 1922 \end{array}$$

from which

A juniper, 5 ins. diam., bears S. $20\frac{3}{4}°$ W., 2.09 chs. dist., marked $\frac{1}{4}$ S 35 B T .

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of the cor. No other bearing tree available.

42.00 Spur, 5 ft. above cor., projects E. Desc. gentle NE. slope.

55.00 Dry wash, 5 ft. deep, 20 lks. wide, 40 ft. below top of small spur, drains N. 10° E. Asc. SE. slope.

66.20 Small spur, 60 ft. above dry wash, projects NE. Desc. NW. slope.

74.50 Draw, 85 ft. below top of small spur, drains NE. Asc. SE. slope.

77.10 Small spur, 25 ft. above draw, projects NE. Desc. NW. slope.

80.00 At bottom of NW. slope, 20 ft. below top of small spur, set an iron post, 3 ft. long, 2 ins. diam. 27 ins. in the ground, for the cor. of secs. 25, 26, 35, and 36, with brass cap marked

chains.	
	T 11 S R 23 E. S 26 | S 25 S 35 | S 36 1922
	Raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of the cor.
	Land, low, rolling hills. General drainage, NE. Soil, rocky, sandy, on shale base. Timber, none, except a few small junipers near the ¼ cor. Undergrowth, shadscale and scattering sagebrush.
	From the cor. of secs. 25, 26, 35, and 36.
	S. 89° 57' E., on random line, bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
80.22	Fall 28 lks. N. of the cor. of secs. 25 and 36, on the East boundary of the township, hereinbefore described.
	Thence
	N. 89° 45' W., on a true line, bet. secs. 25 and 36.
	Over rolling mountainous land through scattering timber and medium undergrowth.
	Asc. E. slope.
7.80	Low, irregular spur, 25 ft. above cor. projects N. Desc. W. slope.
11.80	Draw, 90 ft. below top of spur, drains N. Asc. E. slope.
16.85	Spur, 30 ft. above draw, projects N. 10° E. Desc. gentle NW. slope.
32.00	Slope changes from NW. to N. Continue descent along N. slope.
40.11	On N. slope, 95 ft. below top of spur to E. set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec.. cor. of secs. 25 and 36, with brass cap marked ¼ S 25 / S 36 1922 from which A juniper, 12 ins. diam., bears S. 18¾° W., 1.40 chs. dist., marked ¼ S 36 B T . A pinon, 5 ins. diam., bears N. 81½° W., 52 lks. dist., marked ¼ S 25 B T .

chains.

69.00 Bottom of descent, 175 ft. below ¼ sec. cor., bears NE. and SW. Continue across level land. Leave timber, bears. NE. and SW.

73.40 West Fork of Asphalt Wash, 10 ft. deep, 30 lks. wide, drains N. Asc. gentle SE. slope.

75.10 Old road, bears N. and S.

78.90 Point of spur, 30 ft. above West Fork of Asphalt Wash, projects NE. Desc. NW. slope.

80.22 The cor. of secs. 25, 26, 35, and 36, 10 ft. below top of small spur.

Land, rolling mountainous. General drainage, NW.
Soil, sandy, rocky, on shale base.
Timber, thinly scattering juniper, cedar, and pinon.
Undergrowth, shadscale and scattering sagebrush.

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

N. 0° 02' W., bet. secs. 25 and 26.

Over open, slightly rolling land through medium undergrowth

4.20 Wash, 2 ft. deep, 10 lks. wide, 5 ft. below cor., drains NE.

10.00 Point of small spur, 10 ft. above wash, projects N. 25° E.

20.00 Old road, bears NW. and SE.

27.70 West Fork of Asphalt Wash, 10 ft. deep, 30 lks. wide, 15 ft. below point of small spur, drains NW.

36.70 Recross West Fork of Asphalt Wash, drains NE. Asc. gentle SE. slope.

40.00 On gentle SE. slope, 35 ft. above West Fork of Asphalt Wash, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 25 and 26, with brass cap marked

1/4
S 26 | S 25
1922

Raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of the cor.

chains.	
41.90	Dry wash, 5 ft. deep, 10 lks. wide, 10 ft. above cor., drains E. Continue ascent.
42.20	Old road, bears NE. and SW.
45.00	Point of spur, 20 ft. above wash, projects NE. Desc. gentle NE. slope. Old road, bears NW. and SE.
66.00	Line touches right bank of West Fork of Asphalt Wash. Bank bears S. 20° E. and NE.
71.00	Dry wash, 45 ft. below point of spur, drains E. Asc. SE. slope.
80.00	On top of spur, projecting E., 135 ft. above dry wash, set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 23, 24, 25, and 26, with brass cap marked T 11 S R 23 E S 23 | S 24 S 26 | S 25 1922 Deposit a sandstone memorial, 9 x 6 x 2 ins., marked with cross (X), at base of post. No bearing trees available. Pits impracticable.

Land, rolling. General drainage and exposure NE.
Soil, sandy, rocky, on shale base.
Timber, none.
Undergrowth, shadscale and scattering sagebrush.

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

S. 89° 45' E., on random line, bet. secs. 24 and 25.

40.00 Set temp. ¼ sec. cor.

80.28 Fall 9 lks. S. of the cor. of secs. 24 and 25, on the East boundary of the township, hereinbefore described.

Thence

N. 89° 49' W., on a true line, bet. secs. 24 and 25.

Over rolling, slightly broken mountainous land through thinly scattering timber and medium undergrowth.

Desc. W. slope along bottom of swale, draining W.

7.25 Junction of three small draws, draining from N., NW., and W.

chains. into head of draw, draining S. 80° W.; 55 ft. below cor.

16.50 Spur, 50 ft. above junction of draws, projects SW. From this point main spur projects N. 80° W. Desc. along S. slope of spur. Sandstone rimrock, 18 ft. high, faces SE. about 1 ch. to N. of line.

23.20 Asc. abruptly over sandstone rimrock, faces SE., 60 ft. below top of spur to E.

25.30 Point of small spur, 10 ft. above top of rimrock, projects SW. about 2 chs. dist. Desc. W. slope.

27.30 Top of same sandstone rimrock, 10 ft. below top of small spur, faces W.

30.20 Draw, 95 ft. below top of small spur, drains N. 75° W. Asc. along NE. slope. Leave all timber, bears N. and S.

33.70 Small spur, 30 ft. above draw, projects N. Desc. along N. slope of spur.

40.14 On N. slope, 50 ft. below top of small spur, set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 24 and 25, with brass cap marked

$$\frac{1}{4}\ \frac{S\ 24}{S\ 25}$$

1922

Deposit a sandstone memorial, 12 x 10 x 2 ins., marked with cross (X), at base of post. Pits impracticable.

46.90 Small draw, 35 ft. below cor., drains N. Asc. NE. slope.

56.80 Spur, 45 ft. above small draw, projects NW. Desc. SW. slope.

63.25 Dry wash, 90 ft. below top of spur, drains NW.

70.25 West Fork of Asphalt Wash, 30 ft. below dry wash, 5 ft. deep, 50 lks. wide, drains NE. Asc. E. slope over point of spur.

80.28 The cor. of secs. 23, 24, 25, and 26, 150 ft. above West Fork of Asphalt Wash.

chains	
	Land, rolling, slightly broken mountainous. General drainage and exposure E. Soil, sandy, rocky, on shale and sandstone base. Timber, thinly scattering juniper, pinon, and cedar, from township boundary W. 30 chs. Remainder of mile, none. Undergrowth, shadscale, scattering sagebrush, and bunch grass.
	From the cor. of secs. 23, 24, 25, and 26.
	N. 0° 02' W., bet. secs. 23 and 24.
	Over broken mountainous land through medium undergrowth.
	Desc. N. slope.
9.80	Draw, 95 ft. below cor., drains NE. Asc. SE. slope.
12.40	Small spur, 10 ft. above draw, projects NE. Desc. gentle NW. slope.
17.40	Draw, 30 ft. below top of spur, drains NE. Asc. gentle SE. slope.
23.20	Spur, 25 ft. above draw, projects NE. Desc. NW. slope.
25.20	Draw, 20 ft. below top of spur, drains NE. Asc. SE. slope. Enter thinly scattering timber, bears NE. and SW.
28.20	Spur, 15 ft. above draw, projects E. Desc. N. slope.
31.50	Small draw, 15 ft. below top of spur, drains E. Asc. rocky S. slope.
33.20	Top of sandstone rimrock, 30 ft. high, 85 ft. above small draw, faces S. Continue along E. slope.
37.80	Head of draw, drains E. Small spurs project S. 80° E. and N. 75° E. Desc. N. slope.
40.00	On N. slope, 10 ft. below junction of small spurs, set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 23 and 24, with brass cap marked ¼ S 23 | S 24 1922 from which A pinon, 5 ins. diam., bears S. 83¾° E., 1.09 chs. dist., marked ¼ S 24 B T. A pinon, 5 ins. diam., bears N. 85° W., 1.15 chs. dist., marked ¼ S 23 B T.

chains.

44.20 Draw, 105 ft. below top of spur, drains E. Asc. S. slope.

44.50 Top of sandstone rimrock, 25 ft. high, 30 ft. above draw, faces S. Continue ascent.

49.30 Spur, 75 ft. above top of rimrock, projects N. 80° E. Desc. N. slope.

56.75 Draw, 85 ft. below top of spur, drains N. 80° E. Asc. S. slope.

59.20 Rocky spur, 30 ft. above draw, projects E. Desc. N. slope

61.50 Draw, 40 ft. below top of rocky spur, drains S. 75° E. Asc. S. slope.

64.20 Spur, 55 ft. above draw, projects E. Top of rimrock, 15 ft. high, faces S. Desc. N. slope.

67.20 Draw, 10 ft. below top of spur, drains S. 35° E. Asc. rocky S., SW. slope.

69.20 Top of abrupt ascent, 45 ft. above draw. Continue ascent along top of spur.

75.60 Spur, 10 ft. above top of abrupt ascent, projects S. 15° E. Continue slight ascent along E. slope.

80.00 On E. slope, 20 ft. above top of spur, set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 13, 14, 23, and 24, with brass cap marked

T 11 S | R 23 E
S 14 | S 13
S 23 | S 24

1922

from which

A pinon, 8 ins. diam., bears N. 58° E., 1.08 chs. dist., marked T 11 S R 23 E S 13 B T.

A juniper, 6 ins. diam., bears S. 70° E., 30 lks. dist., marked T 11 S R 23 E S 24 B T.

A juniper, 7 ins. diam., bears S. 72° W., 60 lks. dist., marked T 11 S R 23 E S 23 B T.

A juniper, 5 ins. diam., bears N. 34¾° W., 39 lks. dist., marked T 11 S R 23 E S 14 B T.

chains	
	Land, broken mountainous. General drainage and exposure E. Soil, sandy, rocky, on shale base. Timber; first 25 chs., none; remainder of mile, thinly scattering juniper, pinon, and cedar. Undergrowth, shadscale, scattering sagebrush, and bunch grass.
	From the cor. of secs. 13, 14, 23, and 24.
	S. 89° 49' E., on random line, bet. secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
80.42	Fall 16 lks. S. of the cor. of secs. 13 and 24, on the East boundary of the township, hereinbefore described.
	Thence
	N. 89° 56' W., on a true line, bet. secs. 13 and 24.
	Over broken mountainous land through thinly scattering timber and medium undergrowth.
.30	Asc. E. slope over ledge, 10 ft. high, faces E.
2.05	Top of small knoll, 15 ft. above cor. From knoll spur projects NW. Desc. over W. slope.
7.65	Draw, 100ft. below top of small knoll, drains N. 20° W. Asc. E. slope.
10.55	Small spur, 25 ft. above draw, projects N. 20° W. Desc. along N. slope of spur W.
27.40	Bottom of descent, 175 ft. below top of small spur, bears NE. and SW. Continue slight descent.
32.70	West Fork of Asphalt Wash, 5 ft. deep, 40 lks. wide, 80 ft. below bottom of steep descent, drains N. 15° E. Asc. E. slope over point of spur.
40.21	On E. slope, 65 ft. above West Fork of Asphalt Wash, set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 13 and 24, with brass cap marked ¼ S 13 / S 24 1922 from which A juniper, 8 ins. diam., bears S. 45° W., 1.25.

chains.	
	chs. dist., marked ¼ S 24 B T .
	A juniper, 5 ins. diam., bears N. 58½° W., 71 lks dist., marked ¼ S.13 B T .
46.82	Spur, 60 ft. above cor., projects E., from NW. Desc. SW. slope.
54.60	Draw, 45 ft. below top of spur, drains S. 60° E. Asc. NE. slope.
60.60	Spur, 65 ft. above draw, projects SE., from W. Continue ascent along top of flat, irregular spur.
71.90	Leave top of spur to NW., 35 ft. above point last mentioned. Desc. SW. slope.
78.50	Draw, 35 ft. below top of spur, drains SE. Asc. E. slope.
80.42	On E. slope, 40 ft. above draw, the cor. of secs. 13, 14 23, and 24.

Land, broken mountainous. General drainage N. Exposure on E. portion of mile, NW. Remaining portion, SE. into West Fork of Asphalt Wash.
Soil, rocky, sandy, on shale base.
Timber, scattering juniper, pinon, and cedar.
Undergrowth, shadscale and sagebrush.

From the cor. of secs. 13, 14, 23, and 24.

N. 0° 02' W., bet. secs. 13 and 14.

Over broken mountainous land through thinly scattering timber and scattering undergrowth.

Asc. broken SE. slope.

10.00	Foot of abrupt ascent, 45 ft. above cor., bears E. and W. Asc. S. slope.
15.60	Spur, 145 ft. above foot of abrupt ascent, projects NE. Top of rimrock, 10 ft. high, faces S. Desc. NW. slope.
20.40	Draw, 80 ft. below top of spur, drains NE. Asc. SE. slope.
25.40	Spur, 25 ft. above draw, projects NE. Desc. NW. slope.
34.20	Draw, 115 ft. below top of spur, drains E. Asc. rocky, S. slope.
37.40	Spur, 95 ft. above draw, projects N. 80° E. Desc. N. slope.
40.00	On N. slope, 40 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, to

chains. bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 13 and 14, with brass cap marked

¼

S 14 | S 13

1922

from which

A pinon, 6 ins. diam., bears S. 60° E., 62 lks. dist., marked ¼ S 13 B T .

A pinon, 7 ins. diam., bears S. 75° W., 65 lks. dist., marked ¼ S 14 B T .

40.60 Draw, 25 ft. below cor., drains E. Asc. along broken SE. slope. Timber becomes very scattering.

50.70 Foot of abrupt ascent, 30 ft. above draw, bears E. and W. Asc. S. slope over series of sandstone ledges.

59.60 Top of red sandstone ledge, 50 ft. high, 310 ft. above foot of abrupt ascent, faces SSE. Continue ascent.

60.30 Top of spur, 30 ft. above top of red sandstone ledge, projects E. Prominent sandstone bluff, 75 ft. high, faces E. and S., bears W. 70 lks. Continue ascent along rocky E. slope.

69.50 South Harrison Gilsonite Lode, 20 ins. wide, bears N. 56° W. and S. 56° E.

77.50 Ridge, 55 ft. above spur, bears NE. and SW. Desc. NW. slope. Enter medium growth of small timber, bears NE. and SW.

80.00 On NW. slope, 30 ft. below top of ridge, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 11, 12, 13, and 14, with brass cap marked

T 11 S R 23 E

S 11 | S 12

S 14 | S 13

1922

from which

A pinon, 6 ins. diam., bears N. 36° E., 29 lks. dist., marked T 11 S R 23 E S 12 B T .

A pinon, 6 ins. diam., bears S. 67½° E., 62 lks.

chains	
	dist., marked T 11 S R 23 E S 13 B T .
	A pinon, 5 ins. diam., bears S. 63½° W., 1.05 chs. dist., marked T 11 S R 23 E S 14 B T .
	A pinon, 6 ins. diam., bears N. 49½° W., 49 lks. dist., marked T 11 S R 23 E S 11 B T .
	Land, broken mountainous. General drainage; first 77½ chs drains E. and SE.; remainder of mile, drains NW. Exposure; first portion of mile, E. and SE.; remainder of mile, NW. Soil, rocky, sandy, on shale and sandstone base. Timber, pinon, juniper, and cedar. Undergrowth, scattering shadscale and sagebrush.
	From the cor. of secs. 11, 12, 13, and 14.
	S. 89° 56' E., on random line, bet. secs. 12 and 13.
40.00	Set temp. ¼ sec. cor.
80.64	Fall 19 lks. S. of the cor. of secs. 12 and 13, on the East boundary of the township, hereinbefore described.
	Thence
	S. 89° 56' W., on a true line, bet. secs. 12 and 13.
	Over broken mountainous land through scattering growth of small timber and scattering undergrowth.
	Asc. along S. slope.
2.80	Small spur, 40 ft. above cor. projects S. Desc. W. slope.
6.40	Small draw, 10 ft. below top of small spur, drains S. Asc. E. slope.
11.30	Small spur, 60 ft. above small draw, projects S. Desc. SW. slope.
20.70	Draw, 80 ft. below top of small spur, drains S. 60° E. Asc. NE. slope.
29.80	Top of abrupt ascent, 140 ft. above draw, bears NW. and SE. Continue ascent along broken E. slope.
40.64	On broken E. slope, 25 ft. above top of abrupt ascent, set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 12 and 13, with brass cap marked ¼ S 12 / S 13 1922

chains.	
	from which
	A juniper, 6 ins. diam., bears S. 40° W., 32 lks. dist., marked ¼ S 13 B T.
	A pinon, 5 ins. diam., bears N. 60° W., 46 lks. dist., marked ¼ S 12 B T.
40.80	Desc. SW. slope.
52.60	Draw, 25 ft. below top of descent, drains SE. Asc. along SSE. slope over series of small draws and spurs.
63.50	Foot of abrupt ascent, 60 ft. above draw, bears N. 10° E. and S. 20° W. Asc. abrupt ESE. slope over series of sandstone ledges. Leave scattering timber, bears NE. and SW.
78.50	Ridge, 450 ft. above foot of abrupt ascent, bears NE. and SW. Top of rimrock, 75 ft. high, faces ESE. Desc. NW. slope. Enter medium growth of small timber, bears NE. and SW.
80.64	The cor. of secs. 11, 12, 13, and 14, on NW. slope, 60 ft. below top of ridge to E.

Land, broken mountainous. General drainage: First 78½ chs. drains E.: Remainder of mile drains NW. Exposure: First portion of mile, E.: Remainder, NW.
Soil, sandy, rocky, on shale and sandstone base.
Timber, juniper, pinon, and cedar.
Undergrowth, shadscale and scattering sagebrush.

From the cor. of secs. 11, 12, 13, and 14.

N. 0° 02' W., bet. secs. 11 and 12.

Over broken mountainous land through scattering timber and undergrowth.

Desc. NW. slope.

3.00	Head of draw, 40 ft. below cor., drains W. Asc. rocky SW. slope.
6.50	Top of sandstone ledge, 35 ft. high, 65 ft. above head of draw, faces SW. Continue ascent.
8.70	Top of red sandstone bluff, 30 ft. high, 40 ft. above top of sandstone ledge, faces SW. Top of spur, projects N. 35° W. Desc. NE. slope.

chains.

20.60 Draw, 180 ft. below top of spur, drains N. 80° W. Asc. broken SSW. slope.

29.20 Top of sandstone rimrock, 30 ft. high, 110 ft. above draw, faces SW. Continue ascent.

31.60 Spur, 30 ft. above top of sandstone rimrock, projects NW. about 5 chs. dist., thence N.10° E. Desc. ENE. slope.

40.00 On ENE. slope, 40 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 11 and 12, with brass cap marked

¼
S 11 | S 12
1922

from which

A pinon, 5 ins. diam., bears S. 63° E. 12 lks. dist., marked ¼ S 12 B T.

A pinon, 6 ins. diam., bears N. 57° W. 1.02 chs. dist., marked ¼ S 11 B T .

41.00 Head of draw, 15 ft. below cor., drains N. 35° E. Asc. SE. slope.

48.50 Spur, 90 ft. above head of draw, Desc. along W. slope.

60.80 Head of draw, 195 ft. below top of spur, drains N. 75° W. Asc. rocky SW. slope.

65.50 Top of ascent, 95 ft. above head of draw, Head of draw, drains N. Spurs project N. 15° E. and N. 50° W. Desc. along W. side of wash, in draw, draining N.

70.40 Foot of descent, 25 ft. below top of spur, bears NE. and SW. Asc. SE. slope.

80.00 On point of small spur, projecting NE., 30 ft. above foot of descent, set an iron post, 3 ft. long,2 ins. diam., over cross (X) marked on bedrock, supported by a mound of stone, for the cor.of secs. 1, 2, 11, and 12, with brass cap marked

chains	
	T 11 S R 23 E S 2 | S 1 S 11 | S 12 1922
	from which
	A pinon, 6 ins. diam., bears N. 11° E., 2.00 chs. dist., marked T 11 S R 23 E S 1 B T .
	A pinon, 7 ins. diam., bears S. 56° E., 1.44 chs. dist., marked T 11 S R 23 E S 12 B T .
	A pinon, 6 ins. diam., bears S. 79¼° W., 1.20 chs. dist., marked T 11 S R 23 E S 11 B T .
	A pinon, 5 ins. diam., bears N. 20½° W., 1.85 chs. dist., marked T 11 S R 23 E S 2 B T .
	Land, broken mountainous. General drainage NW. Exposure NW. Soil, rocky,sandy, on shale and sandstone base. Timber, pinon, juniper, and cedar. Undergrowth, shadscale and scattering sagebrush.
	From the cor. of secs. 1, 2 , 11, and 12.
	N. 89° 56' E.,on random line, bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
80.40	Fall 19 lks. N. of the cor. of secs. 1 and 12, on the E. boundary of the township, hereinbefore described.
	Thence
	N. 89° 56' W., on a true line, bet. secs. 1 and 12.
	Over broken mountainous land through scattering timber and medium undergrowth.
	Desc. NW. slope.
.70	Draw, 20 ft. below cor., drains N. 10° E. Asc. SE. slope.
8.80	Spur, 100 ft. above draw, projects NE. Continue over series of small spurs and draws. General drainage NE.
24.63	Intersect the NE. boundary of Mineral Claim No. 5234, at N.55°41' W. 6.06 chs.dist from cor. No. 1.
25.50	Top of ascent, 60 ft. above last mentioned spur. Spur projects N. 10° E. Desc. NW. slope.
	Harrison Gilsonite Lode, 18 ins. wide, bears N. 56½° W. and S. 56½° E.

chains.

32.78 Intersect the SW. boundary of mineral claim No. 5234, at N 55°48' W. 12.77 chs. dist. from cor. No. 2.

33.00 Draw, 25 ft. below top of spur, drains N. Asc. general NE. slope.

40.20 On NE. slope, 45 ft. above draw, set an iron post, 3ft. long, 1 in. diam., 16 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 1 and 12, with brass cap marked

$$\frac{1/4\ S\ 1}{S\ 12}$$

1922

from which

A juniper, 6 ins. diam., bears N. 62° E., 35 lks. dist., marked ¼ S 1 B T.

A juniper, 5 ins. diam., bears S. 30° E., 32 lks dist., marked ¼ S 12 B T.

65.30 Spur, 265 ft. above draw, projects N. 15° E. Desc. WNW. slope.

67.90 Draw, 45 ft. below top of spur, drains N. 15° E. Asc. ESE. slope over series of sandstone outcroppings.

74.10 Ridge, 280 ft. above draw, bears NNE. and SSW.

79.10 Draw, 30 ft. below top of ridge, drains N. Asc. E. slope.

80.40 The cor. of secs. 1, 2, 11, and 12, 35 ft. above draw, on point of small spur, projecting NE.

Land, broken mountainous. General drainage: First 74 chs. drains E. Remainder of mile drains N. Exposure: First portion of mile, E. Remainder of mile, N.
Soil, sandy, rocky, on sandstone and shale base.
Undergrowth, shadscale and scattering sagebrush.
Timber, juniper, pinon, and cedar.

From the cor. of secs. 1, 2, 11, and 12.

N. 0° 02' W., on a true line, bet. secs. 1 and 2.

Over broken mountainous land through scattering timber and medium undergrowth.

Desc. from point of spur along NE. slope.

11.30 Draw, 90 ft. below the cor., drains N. 10° W. Asc. along

chains	
	WSW. slope.
22.90	Short spur, 16 ft. above draw, projects NW. Desc. N. slope.
27.90	Draw, 45 ft. above top of short spur, drains W. Asc. SSW. slope.
30.60	Intersect the SW. boundary of Mineral Claim No. 5237, at N. 58°44'W. 1.71 chs. dist. from cor. No. 2.
32.80	Spur, 65 ft. above draw, projects NW. Desc. NNE. slope.
33.20	Harrison Gilsonite Lode, 18 ins. wide, bears N. 58¾° W. and S. 58¾° E.
35.90	Intersect the NE. boundary of Mineral Claim No. 5237, at N. 58°48'W. 4.53 chs. dist. from cor. No. 1.
37.50	Draw, 150 ft. below top of spur, drains NW. Asc. SE. slope.
40.00	On top of spur, 55 ft. above draw, projecting N. 70° W., set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 1 and 2, with brass cap marked S 2 | S 1 1922 from which A juniper, 6 ins. diam., bears S. 29½° E., 14 lks. dist., marked ¼ S 1 B T . A juniper, 6 ins. diam., bears N. 71° W., 75 lks. dist., marked ¼ S 2 B T .
45.00	Draw, 40 ft. below top of spur, drains NW. Asc. rocky SSW. slope.
52.50	Top of sandstone rimrock, 70 ft. high, 220 ft. above draw, faces SSW. Continue ascent.
53.70	Spur, 15 ft. above top of rimrock, projects N. 80° W. Desc. N. slope.
64.90	Draw, 190 ft. below top of spur, drains NNE. Continue descent along W. side of draw.
81.70	Recross draw, 65 ft. below the last mentioned point, drains N. 75° W. Asc. S. slope.

chains.

83.60 Point of spur, 60 ft. above draw, projects SW. Prominent red sandstone bluff, bears W. about 1.50 chs. dist. Desc. NW. slope.

86.35 Draw, 40 ft. below point of spur, drains W. Asc. rocky SSW. slope.

89.04 Intersect the Second Standard Parallel South, 11.27 chs. East, of the standard sec. cor. of secs. 34 and 35, hereinbefore described. At point of intersection,

Set an iron post, 3 ft. long. 2 ins. diam., over cross (X) marked on bedrock, supported by a mound of stone, for the closing sec. cor. of secs. 1 and 2, with brass cap marked

T 10 S R 23 E
S 35
S 2 | S 1
T 11 S | R 23 E
C | C
1922

from which

A juniper, 8 ins. diam., bears S. 10° E., 85 lks. dist, marked T 11 S R 23 E S 1 C C B T.

A juniper, 8 ins. diam., bears S. 23¾° W., 2.80 chs. dist., marked T 11 S R 23 E S 2 C C B T.

Land, broken mountainous. General drainage and exposure, NW.
Soil, rocky, sandy, on sandstone and shale base.
Timber, juniper, pinon, and cedar.
Undergrowth, shadscale and scattering sagebrush.

From the cor. of secs. 2, 3, 34, and 35, on the S. boundary of the township, as described in the notes of the survey of T 12 S., R. 23 E.

N. 0° 02' W., bet. secs. 34 and 35.

Over broken mountainous land through scattering timber and medium undergrowth.

Asc. rocky SW. slope.

7.50 Top of small spur, 105 ft. above the cor., projects W. Desc. along W. side of spur, projecting N.

16.00 Spur, 100 ft. below top of small spur, projects NW. Desc. NE. slope.

chains.	
20.70	Small draw, 115 ft. below top of spur, drains NE. Asc. rocky SE. slope.
26.80	Short spur, 10 ft. above small draw, projects NE. Desc. NW. slope.
31.60	Small draw, 100 ft. below top of short spur, drains NE. Asc. SE. slope.
34.20	Point of spur, 10 ft. above small draw, projects NE. Desc. gentle N. slope.
40.00	On gentle N. slope, 60 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 34 and 35, with brass cap marked ¼ S 34 | S 35 1922 from which A juniper, 6 ins. in diam., bears N. 46¾° E., 1.50 chs. dist., marked ¼ S.35 B T . A juniper, 9 ins. diam., beans S. 58¼° W., 1.53 chs. dist., marked ¼ S 34 B T .
41.00	Draw, 10 ft. below ¼ sec. cor., drains NW. Continue slight descent.
47.90	Draw, 10 ft. below last mentioned point, drains NE. Asc. gentle SE. slope.
60.00	Point of spur, 20 ft. above draw, projects E. Desc. NE. slope.
66.10	Draw, 30 ft. below point of spur, drains E. Asc. S. slope.
75.80	Spur, 65 ft. above draw, projects NE. Desc. along top of small spur, projecting N. 15° W.
80.00	On top of small spur, 25 ft. below top of main spur, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 26, 27, 34, and 35, with brass cap marked.

chains.	
	T 11 S R 23 E S 27 | S 26 S 34 | S 35 1922
	from which
	A juniper, 4 ins. diam., bears N. 64¾° E., 2.13 chs. dist., marked T 11 S R 23 E S 26 B T.
	A juniper, 6 ins. diam., bears S. 75¼° E., 1.65 chs. dist., marked T 11 S R 23 E S 35 B T .
	A pinon, 5 ins. diam., bears S. 31½° W., 2.84 ch dist., marked T 11 S R 23 E S 34 B T .
	A juniper, 7 ins. diam., bears N. 42¾° W., 53 lk dist., marked T 11 S R 23 E S 27 B T .
	Land, broken mountainous. General drainage and exposure, Soil, sandy, rocky, on shale and sandstone base. Timber, juniper, pinon, and cedar. Undergrowth, shadscale and scattering sagebrush.
	From the cor. of secs. 26, 27, 34, and 35.
	S. 89° 57' E., on random line, bet. secs. 26 and 35.
40.00	Set temp. ¼ sec. cor.
80.12	Fall 23 lks. S. of the cor. of secs. 25, 26, 35, and 36.
	Thence
	S. 89° 53' W., on a true line, bet. secs. 26 and 35.
	Over low, rolling hills through medium undergrowth.
	Desc. slightly over NW. slope.
10.00	Draw, 30 ft. below cor., drains NE. Asc. SE. slope.
24.90	Low spur, 25 ft. above draw, projects N. 15° E. Desc. WNW. slope.
29.00	Draw, 10 ft. below top of small spur, drains N. 10° E. Asc. E. slope.
35.00	Low spur, 10 ft. above draw, projects N. 15° E. Desc. gentle NW. slope.
37.00	Draw, 10 ft. below top of small spur, drains N. 20° E. Asc. gentle E. slope.
40.06	On gentle E. slope, 10 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 26 and 35, with brass cap

chains.	
	marked $\frac{1}{4}\frac{\text{S 26}}{\text{S 35}}$ 1922
	Raise a mound of stone, 2½ ft. base, 1½ ft. high, N. of the cor.
51.00	Spur, 40 ft. above the ¼ sec. cor., projects N. Enter scattering timber, bears N. and S. Desc. W. slope.
58.70	Draw, 65 ft. below top of spur, drains N. 15° E. Asc. ESE. slope. Enter broken mountainous land , bears N. and S.
69.10	Spur, 65 ft. above draw, projects NE. Desc. NW. slope.
74.10	Draw, 15 ft. below top of spur, drains N. 10° E. Asc. E. slope.
80.12	The cor. of secs. 26, 27, 34, and 35, on top of small spur, projecting N. 15° W., 45 ft. above draw.

Land: First 61.00 chs., low, rolling hills. Remainder of mile, broken mountainous. General drainage and exposure, NE.
Soil, sandy, rocky, on shale and sandstone base.
Timber, scattering juniper and pinon, on W. portion of mile.
Undergrowth, shadscale and scattering sagebrush.

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

N. 0° 02' W., bet. secs. 26 and 27.

Over broken mountainous land through scattering timber and medium undergrowth.

Desc. NNW. slope.

9.90	Draw, 75 ft. below the cor., drains N. 75° E. Asc. ESE. slope over series of small draws and spurs. General drainage E.
34.20	Ascent becomes more abrupt.
40.00	True point for the ¼ sec. cor. falls in rocky water course. Impracticable to set monument at this point.
40.34	On SE. slope, 95 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the witness ¼ sec. cor. of secs. 26 and 27, with brass cap marked

chains.

$\frac{1}{4}$

S 27 | S 26
W | C
1922

from which

A juniper, 8 ins. diam., bears S. 41$\frac{1}{4}$° E., 60 lks dist., marked W C $\frac{1}{4}$ S 26 B T.

A pinon, 5 ins. diam., bears S. 21$\frac{1}{4}$° W., 87 lks. dist., marked W C $\frac{1}{4}$ S 27 B T.

61.20 Ridge, 395 ft. above the witness $\frac{1}{4}$ sec. cor., bears NE. and SW. Desc. NW. slope along E. side of large spur, projecting N. 15° W.

73.10 Draw, 70 ft. below top of ridge, drains E. Asc. gentle SE. slope.

80.00 On gentle SE. slope, 15 ft. above draw, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 22, 23, 26, and 27, with brass cap marked

T 11 S R 23 E
S 22 | S 23
S 27 | S 26

1922

from which

A juniper, 8 ins. diam., bears N. 12° E., 2.55 chs. dist., marked T 11 S R 23 E S 23 B T.

A juniper, 7 ins. diam., bears S. 3$\frac{1}{2}$° E., 5.58 chs. dist., marked T 11 S R 23 E S 26 B T.

A juniper, 7 ins. diam., bears S. 82° W., 3.20 chs. dist., marked T 11 S R 23 E S 27 B T.

A juniper, 6 ins. diam., bears N. 73$\frac{1}{4}$° W. 85 lks. dist., marked T 11 S R 23 E S 22 B T.

Land, broken mountainous. General drainage and exposure; First 61.00 chs., ESE. Remainder of mile, N.
Soil, rocky, sandy, on sandstone and shale base.
Timber, juniper, pinon, and cedar.
Undergrowth, shadscale and scattering sagebrush.

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

N. 89° 53' E., on random line, bet. secs. 23 and 26.

chains	
40.00	Set temp. ¼ sec. cor.
80.12	Fall 16 lks. N. of the cor. of secs. 23, 24, 25, and 26.
	Thence
	West, on a true line, bet. secs. 23 and 26.
	Over broken mountainous land through medium undergrowth.
	Desc. slightly along top of spur, projecting E.
7.30	Top of abrupt descent, 10 ft. below cor. Desc. along SW. slope.
16.80	Draw, 50 ft. below top of abrupt descent, drains SE. Asc. SE. slope.
26.80	Top of ascent, 70 ft. above draw. Spurs project E. and N. 30° E. Desc. NW. slope. Enter timber, bears NE. & SW.
30.10	Head of draw, 15 ft. below top of ascent, drains NE. Continue ascent along N. slope of spur.
40.06	On N. slope, 65 ft. above head of draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 23 and 26, with brass cap marked ¼ S 23 / S 26 1922
	from which
	A pinon, 6 ins. diam., bears S. ½° W., 27 lks. dist., marked ¼ S 26 B T .
	A pinon, 6 ins. diam., bears N. 74½° W., 48 lks. dist., marked ¼ S 23 B T .
55.80	Spur, 310 ft. above the ¼ sec. cor., projects S. 80° E. Continue ascent over series of sandstone ledges. Leave timber, bears NW. and SE.
58.90	Ridge, 95 ft. above top of spur, bears NE. and SW. Desc. SW. slope. Enter scattering timber, bears NE. and SW.
72.10	Draw, 65 ft. below top of ridge, drains N. Asc. gentle SE. slope.
80.12	The cor. of secs. 22, 23, 26, and 27, on gentle SE. slope, 15 ft. above draw.

chains	
	Land, broken mountainous. General drainage and Exposure: First 59.00 chs., E. Remainder of mile, N. Soil, rocky, on sandstone and shale base. Timber, scattering juniper, pinon, and cedar. Undergrowth, shadscale and scattering sagebrush.
	From the cor of secs. 22, 23, 26, and 27.
	N. 0° 02' W., bet. secs. 22 and 23
	Over broken mountainous land through scattering timber and medium undergrowth.
	Asc. gentle SE. slope.
5.00	Small spur, 25 ft. above the cor., projects NE. Desc. NW. slope.
15.00	Leave scattering timber, bears NE. and SW. Enter sagebrus flat. Continue gradual descent over almost level lan sloping slightly to the N.
37.00	Enter thinly scattering timber, bears E. and W.
40.00	On very gradual N. slope, 75 ft. below top of small spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 22 and 23, with brass cap marked ¼ S 22 | S 23 1922 from which
	A juniper, 14 ins. diam., bears N. 18¾° E., 1.15 chs. dist., marked ¼ S 23 B T .
	A juniper, 12 ins. diam., bears S. 32½° W., 68 lks. dist., marked ¼ S 22 B T .
46.90	Draw, 10 ft. below the ¼ sec. cor., drains NW. Asc. SW. slope.
53.60	Spur, 30 ft. above draw, projects NW. Desc. NE. slope.
59.00	Leave thinly scattering timber, bears NW. and SE. Continu descent along small draw, draining N.
71.00	Junction of the above mentioned small draw with draw, draining NW., 75 ft. below top of spur. Asc. SW. slope
75.70	Point of spur, 15 ft. above junction of draws, projects NW. Desc. NW. slope over point of spur. Enter scatter-

chains.	
	ing timber, bears NW. and SE.
80.00	On NW. slope, 15 ft. below top of spur, set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 14, 15, 22, and 23, with brass cap marked,

T 11 S R 23 E
S 15 | S 14
S 22 | S 23

1922

from which

A pinon, 4 ins. diam., bears N. 57¼° E., 91 lks. dist., marked T 11 S R 23 E S 14 B T .

A juniper, 8 ins. diam., bears S. 29¼° E., 41 lks. dist., marked T 11 S R 23 E S 23 B T .

A juniper, 12 ins. diam., bears S. 6¾° W., 1.20 chs. dist., marked T 11 S R 23 E S 22 B T .

A juniper, 11 ins. diam., bears N. 40° W., 75 lks. dist., marked T 11 S R 23 E S 15 B T .

Land, broken mountainous. General drainage and exposure, NW.
Soil, sandy, rocky, on shale base.
Timber, scattering juniper, pinon, and cedar.
Undergrowth, shadscale and sagebrush.

From the cor. of secs. 14, 15, 22, and 23.

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

40.00 Set temp. ¼ sec. cor.

80.02 Fall 10 lks. S. of the cor. of secs. 13, 14, 23, and 24.

Thence

S. 89° 55' W, on a true line, bet. secs. 14 and 23.

Over broken mountainous land through thinly scattering timber and scattering undergrowth.

Asc. E. slope of small spur.

1.00 Top of small spur, 20 ft. above the cor., projects N. Desc. NW. slope.

6.00 Head of small draw, 30 ft. below top of small spur, drains N. Asc. along NE. slope.

19.00 Spur, 180 ft. above draw, projects S. 80° E. Continue ascent along SW. slope.

chains.

23.09 Foot of abrupt ascent, 40 ft. above top of spur, bears NE. and SW. Leave scattering timber, bears NE. and SW. Asc. abruptly over SE. slope over series of sandstone ledges and outcroppings.

30.30 Ridge, 230 ft. above top of abrupt ascent, bears NE. and SW. Continue along S. slope of spur. Enter timber, NE

39.20 Top of descent. Desc. along SW. slope.

40.01 On SW. slope, 30 ft. below top of descent, set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 14 and 23, with brass cap marked

$$\frac{1}{4}\ \frac{S\ 14}{S\ 23}$$
1922

from which

A pinon, 6 ins. diam., bears N. 20° E., 60 lks. dist., marked ¼ S 14 B T.

A pinon, 6 ins. diam., bears S. 45½° E., 23 lks. dist., marked ¼ S 23 B T.

47.90 Draw, 80 ft. below the ¼ sec. cor., drains N. Asc. E. slope.

49.80 Spur, 20 ft. above draw, projects N. Desc. W. slope.

53.00 Draw, 25 ft. below top of spur, drains N. 15° E. Asc. E. slope.

56.40 Spur, 20 ft. above draw, projects N. Desc. W. slope.

63.00 Draw, 35 ft. below top of spur, drains N. Asc. E. slope.

68.00 Spur, 30 ft. above draw, projects N. Desc. along N. side of spur.

73.60 Spur, 25 ft. below last mentioned point, projects NW. Continue descent over NW. slope.

80.02 The cor. of secs. 14, 15, 22 and 23, on NW. slope, 80 ft. below top of spur.

Land, broken mountainous. General drainage and exposure: First 30.00 chs., SE. Remainder of mile, NW.
Soil, rocky, sandy, on sandstone and shale base.
Timber, juniper, pinon, and cedar.
Undergrowth, shadscale and sagebrush.

chains.	
	From the cor. of secs. 14, 15, 22, and 23.
	N.0° 02' W., bet. secs. 14 and 15.
	Over broken mountainous land through scattering timber and medium undergrowth.
4.00	Small draw, 15 ft. below the cor. , drains W. Asc. SSW. slope.
9.70	Spur, 85 ft. above small draw, projects NW. Desc. NE. slope.
11.00	Swale, 35 ft. below top of spur, drains E. Asc. SE. slope.
14.70	Spur, 80 ft. above swale, projects N. 80° E. Desc. NNW. slope.
15.00	Prospect hole on gilsonite vein, bears East approximately 3.00 chs. dist.
23.60	Draw, 85 ft. below top of spur, drains NW. Asc. rocky SW. slope.
37.80	Spur, 195 ft. above draw, projects NW. Desc. along West slope of spur, projecting N.
40.00	On W. slope of spur, projecting N., 50 ft. below top of spur, to S., set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 14 and 15, with brass cap marked ¼ S 15 | S 14 1922 from which
	A pinon, 6 ins. diam., bears S. 21½° E., 25 lks. dist., marked ¼ S 14 B T .
	A pinon, 11 ins. diam., bears N. 73° W., 78 lks. dist., marked ¼ S. 15 B T .
48.90	Top of spur, 90 ft. below last mentioned spur, projects NW. Continue descent over NE. slope.
53.70	Swale, 90 ft. below top of spur, drains NE. SSE. slope.
58.70	Spur, 25 ft. above swale, projects N. 10° W. Desc. along NE. slope.

chains.

74.30 Draw, 155 ft. below top of spur, drains NW., about 5.00 chs., into Atchee's Draw. Asc. SW. slope.

76.00 Point of spur, 10 ft. above draw, projects W. Desc. N. slope.

80.00 On very gradual N. slope, 25 ft. below point of spur, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 10, 11, 14, and 15, with brass cap marked

T 11 S | R 23 E
S 10 | S 11
S 15 | S 14
1922

from which

A juniper, 11 ins. in diam., bears N. 68¼° E., 51 lks. dist., marked T 11 S R 23 E S 11 B T.

A juniper, 10 ins. diam., bears S. 59½° E., 50 lks. dist., marked T 11 S R 23 E S 14 B T.

A juniper, 7 ins. diam., bears S. 82½° W., 5.35 chs. dist., marked T 11 S R 23 E S 15 B T.

A juniper, 6 ins. diam., bears N. 83° W., 3.46 chs. dist., marked T 11 S R 23 E S 10 B T.

Land, broken mountainous. General drainage and exposure, NW.
Soil, sandy, rocky, on shale and sandstone base.
Timber, juniper, pinon, and cedar.
Undergrowth, shadscale and sagebrush.

From the cor. of secs. 10, 11, 14, and 15.

N. 89° 55' E., on random line, bet. secs. 11 and 14.

40.00 Set temp. ¼ sec. cor.

80.22 Fall 18 lks, N of the cor. of secs. 11, 12, 13, and 14.

Thence

N. 89° 57' W., on a true line, bet. secs. 11 and 14.

Over broken mountainous land through scattering timber and medium undergrowth.

Desc. NW. slope.

2.00 Slope changes from NW. to N. Continue descent along N. side of spur.

Subdivision of T. 11 S., R. 23 E.

chains.	
11.00	Leave spur, projects SW. Desc. over NW. slope.
18.00	South Harrison Gilsonite Lode, 20 ins. wide, bears N. 55° W. and S. 55° E.
19.80	Draw, 125 ft. below the cor., drains N. Asc. E. slope.
28.40	Spur, 80 ft. above draw, projects N. Desc. W. slope.
32.20	Draw, 130 ft. below top of spur, drains N. Asc. E. slope.
35.70	Spur, 35 ft. above draw, projects N. Desc. W. slope.
39.20	Draw, 60 ft. below top of spur, drains. N. Asc. E. slope.
40.11	On E. slope, 20 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor of secs. 11 and 14, with brass cap marked ¼ S 11 / S 14 1922 from which A pinon, 5 ins. diam., bears N. 23½° E., 92 lks. dist., marked ¼ S 11 B T . A pinon, 5 ins. diam., bears S. 30½° W., 45 lks. dist., marked ¼ S 14 B T .
46.30	Spur, 65 ft. above the ¼ sec. cor., projects N. Desc. W. slope.
48.20	Draw, 85 ft. below top of spur, drains N. Asc. E slope.
51.30	Spur, 65 ft. above draw, projects N. Desc. W. slope.
55.30	Draw, 70 ft. below top of spur, drains N. Asc. E. slope.
58.50	Spur, 80 ft. above draw, projects N. Top of sandstone rimrock, 15 ft. high, faces SW. Desc. W. slope.
66.80	Draw, 175 ft. below top of spur, drains N. 15° W. Asc. ENE. slope.
70.00	Spur, 50 ft. above draw, projects N. 15° W. Desc. broken NW. slope
78.90	Top of rimrock, 20 ft. high, 85 ft. below top of spur, faces W. Continue descent.
80.22	The cor. of secs. 10, 11, 14, and 15, on very gradual N.

chains.

slope, 30 ft. below top of rimrock.

Land, broken mountainous. General drainage and exposure, NW.
Soil, rocky, sandy, on shale and sandstone base.
Timber, scattering juniper and pinon,
Undergrowth, shadscale and scattering sagebrush.

From the cor. of secs. 10, 11, 14, and 15.

N.0° 02' W., bet. secs. 10 and 11.

Over broken mountainous land through very thinly scattering timber and medium undergrowth.

Desc. slightly over very gradual N. slope.

5.00 Bend in Atchee's Draw, 15 ft. below the cor., drains N. 10° W. from SW. Continue over level land.

15.00 Foot of ascent, bears NW. and SE. Asc. rocky S. slope.

17.60 Spur, 45 ft. above foot of ascent, projects NW. Desc. NE. slope.

30.90 Wash in Atchee's Draw, 5 ft. deep, 30 lks. wide, 135 ft. below top of spur, drains NE. Asc. SE. slope.

35.90 Partly finished rock house bears E. approximately 3.50 chs. dist.

39.00 South Harrison Gilsonite Lode, 20 ins. wide, bears N. 56° W. and S. 56° E.

40.00 On SE. slope, 30 ft. above wash, set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 10 and 11, with brass cap marked

¼
S 10 | S 11
1922

from which

A juniper, 6 ins. diam., bears N. 86° E., 28 lks. dist., marked ¼ S 11 B T.

A pinon, 7 ins. diam., bears S. 21½° W., 71 lks. dist., marked ¼ S 10 B T.

From the ¼ sec. cor. shaft, near stone house, bears S. 4[illegible]

chains.	
	E., 4.70 chs dist.
41.60	Spur, 30 ft. above the ¼ sec. cor., projects N. 75° E. Desc. N. slope.
46.50	Small draw, 85 ft. below top of spur, drains E. Asc. S. slope.
48.90	Point of spur, 10 ft. above small draw, projects E. Desc. gentle NE. slope.
53.90	Swale, 15 ft. below point of spur, drains E. Asc. SE. slope.
57.50	Spur, 35 ft. above swale, projects NE. Desc. NW. slope.
59.00	Swale, 20 ft. below top of spur, drains E. Asc. SSE. slope.
62.50	Spur, 50 ft. above swale, projects N. 70° E. Desc. NW. slope.
67.20	Foot of abrupt descent, 110 ft. below top of spur, bears NE. and SW. Leave scattering timber, bears NE. and SW. Continue descent over gentle N. slope.
77.20	Wash in Atchee's Draw, 5 ft. deep, 40 lks. wide, 50 ft. below foot of abrupt descent, drains N. 75° W. Asc. S. slope over point of rocky spur.
79.90	Sandstone rimrock, 20 ft. high, 90 ft. above wash in Atchee's Draw, faces S.
80.00	On top of sandstone rimrock, 20 ft. high, 90 ft. above wash, set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 2, 3, 10, and 11, with brass cap marked

T 11 S R 23 E
S 3 | S 2
S 10 | S 11
1922

Deposit a sandstone memorial, 10 x 8 x 6 ins., marked with cross (X), at base of post. Pits impracticable. No bearing trees available.

Land, broken mountainous. General drainage and exposure, N.
Soil, rocky, sandy, on shale and sandstone base.
Timber, very thinly scattering juniper and pinon.
Undergrowth, shadscale and scattering sagebrush.

chains.	
	From the cor. of secs. 2, 3, 10, and 11.
	S. 89° 57' E., on random line, bet. secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect the cor of secs. 1, 2, 11, and 12.
	Thence
	N. 89° 57' W., on a true line, bet. secs. 2 and 11.
	Over broken mountainous land through scattering timber and medium undergrowth.
	Asc. NE. slope.
8.63	Spur, 85 ft. above cor., projects NW. Prominent red sandstone bluff, 50 ft. high, faces S., bears N. about 1.00 ch. dist. Desc. SW. slope over series of sandstone outcroppings.
22.80	Draw, 360 ft. below top of spur, drains NNW. Asc. ENE. slope.
29.00	Spur, 65 ft. above draw, projects N. Desc. W. slope.
32.12	Draw, 80 ft. below top of spur, drains N. 10° E. Asc. E. slope.
35.40	Spur, 40 ft. above draw, projects N. 15° E. Desc. W. slope.
38.50	Head of draw, 15 ft. below top of spur, drains N. Asc. NE. slope.
39.40	Spur, 45 ft. above head of draw, projects N. 10° W. Desc. W. slope.
40.02	On W. slope, 45 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 2 and 11, with brass cap marked

$$\frac{1}{4}\ \frac{S\ 2}{S\ 11}$$
1922

from which

A pinon, 8 ins. diam., bears S. 22½° E., 1.95 chs. dist., marked ¼ S 11 B T.

A juniper, 5 ins. diam., bears N. 4½° W., 1.20 chs.

Chains.	
	dist., marked ¼ S 2 B T .
43.40	Draw, 40 ft. below ¼ sec. cor., drains N. Asc. NE. slope.
49.70	Spur, 155 ft. above draw, projects NW. Leave scattering timber, bears NW. and SE. Desc. SW. slope over series of sandstone ledges and outcroppings.
58.50	Point of prominent sandstone bluff, 60 ft. high, 175 ft. below top of spur, faces S. Small spur, projects S. Continue descent.
63.80	Swale, 135 ft. below top of small spur, drains S. Asc. along rocky SE. slope.
65.39	Small rocky spur, 30 ft. above swale, projects SE. Desc. rocky SW. slope.
75.10	Swale, 130 ft. below top of rocky spur, drains S. Asc. over rocky SE. slope.
79.80	Top of sandstone rimrock, 20 ft. high, faces SE.,40 ft. above swale.
80.04	The cor. of secs. 2, 3, 10, and 11, on top of sandstone rimrock, 20 ft. high, 90 ft. above wash in Atchee's Draw, to S.
	Land, broken mountainous. General drainage and exposure, NW. Soil, rocky, sandy, on sandstone and shale base. Timber; first 50.00 chs., scattering juniper and pinon. Remainder of mile, none. Undergrowth, shadscale and scattering sagebrush.
	From the cor. of secs. 2, 3, 10, and 11
	N. 0° 02' W., on a true line, bet. secs. 2 and 3.
	Over broken mountainous land through medium undergrowth.
	Along W. slope.
2.80	Top of descent. Desc. NW. slope.
17.60	Draw, 140 ft. below top of descent, drains N. 60° W. Asc. gentle SW. slope.
22.60	Foot of abrupt ascent, 25 ft. above draw, bears WNW. and ESE. Asc. SSW. slope.
27.70	Top of sandstone ledge, 80 ft. high, 190 ft. above foot of abrupt ascent, faces SSW. Top of spur, projects NW. Desc. along E. side of small spur, projecting N.

chains.	
36.50	Draw, 195 ft. below top of spur, drains N. 75° W. Asc. rocky S. slope.
39.40	Spur, 65 ft. above draw, projects W. Desc. N. slope. Enter thinly scattering timber, bears E. and W. along N. slope of spur.
40.00	On N. slope of spur, 10 ft. below top, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 2 and 3, with brass cap marked ¼ S 3 | S 2 1922 from which A juniper, 12 ins. diam., bears N. 54° E., 83 lks. dist., marked ¼ S 2 B T . A juniper, 5 ins. in diam., bears N. 42½° W., 78 lks. dist., marked ¼ S 3 B T .
41.00	Draw, 20 ft. below cor., drains W. Asc. rocky S. slope.
43.10	Small spur, 20 ft. above draw, projects W. Desc. N. slope.
46.20	Small draw, 45 ft. below top of small spur, drains W. Asc. rocky SSW. slope.
51.40	Spur, 75 ft. above small draw, projects NW. Desc. along top of small spur, projecting N. Leave scattering timber, bears NW. and SE.
58.30	Leave top of small spur, projects NE. Desc. NNW. slope.
63.10	Foot of abrupt descent, 170 ft. below top of spur, bears NE. and SW. Continue slight descent over gentle N. slope.
68.10	Dry Wash, 5 ft. deep, 20 lks. wide, 20 ft. below foot of abrupt descent, drains W. Continue across level sagebrush flat .
89.16	Intersect the Second Standard Parallel South, 11.0[illegible] chs. East , of the standard sec. cor. of secs. 33 and 34, hereinbefore described. At point of intersection, Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

Subdivision of T. 11 S., R. 23 E.

Chains	
	the ground, for the closing sec. cor. of secs. 2 and 3, with brass cap marked
	T 10 S R 23 E S 34 S 3 | S 2 T 11 S | R 23 E C | C 1922
	Raise a mound of stone, 3 ft. base, 2½ ft. high, S. of the cor.
	Land, broken mountainous. General drainage and exposure, NW. Soil, sandy, rocky, on sandstone and shale base. Timber, a few scattering junipers and pinons on the N. slopes near the ¼ sec. cor. Remainder of mile, none. Undergrowth, shadscale and sagebrush.
	From the cor. of secs. 3, 4, 33, and 34, on the S. boundary of the township, as described in the notes of the survey of T. 12 S., R. 23 E.
	N. 0° 03' W., bet. secs. 33 and 34.
	Over broken mountainous land through scattering timber and medium undergrowth.
	Asc. SW. slope.
1.90	Point of spur, 10 ft. above cor., projects NW. Desc. NE. slope.
4.90	Draw, 40 ft. below top of spur, drains W. Asc. rocky S. slope over point of spur.
9.60	Point of spur, 140 ft. above draw, projects S. 10° W. Continue ascent along rocky W. slope.
20.50	Top of sandstone rimrock, 20 ft. high, 90 ft. above point of spur, faces SW. Continue ascent over S. slope.
23.70	Ridge, 15 ft. above top of rimrock, bears E. and W. From this point small spur projects NE. Desc. NW. slope. Enter medium growth of small timber, bears E. and W.
33.60	Draw, 45 ft. below top of ridge, drains N. 75° W. Asc. gentle SW. slope. Timber becomes more scattering.
37.60	Point of spur, 10 ft. above draw, projects W. Desc. N. slope.
39.50	Draw, 15 ft. below point of spur, drains SW. Asc. S.

chains.

slope.

40.00 On S. slope, 5 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor of secs. 33 and 34, with brass cap marked

¼
S 33 | S 34
1922

from which

A juniper, 7 ins. diam., bears S. 40° E., 1.20 chs. dist., marked ¼ S 34 B T .

A juniper, 7 ins. diam., bears N. 8¾° W., 2.40 chs. dist., marked ¼ S 33 B T .

45.00 Low, flat topped spur, 30 ft. above ¼ sec. cor., projects S. 60° W. Desc. NNW. slope.

50.00 Head of draw, 25 ft. below top of spur, drains NE. Asc. SE. slope.

56.90 Spur, 25 ft. above head of draw, projects NE. Desc. NW. slope.

65.50 Draw, 20 ft. below top of spur, drains E. Asc. S. slope.

68.00 Spur, 15 ft. above draw, projects N. 5° E. Desc. along broken W. slope.

80.00 On broken W. slope, 60 ft. below top of spur, to S., set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 27, 28, 33, and 34, with brass cap marked

T 11 S R 23 E
S 28 | S 27
S 33 | S 34
1922

from which

A pinon, 6 ins. diam., bears N. 36° E., 77 lks. dist., marked T 11 S R 23 E S 27 B T .

A juniper, 5 ins. diam., bears S. 88½° E., 24 lks. dist., marked T 11 S R 23 E S 34 B T .

A juniper, 7 ins. diam., bears S. 50½° W., 17 lks. dist., marked T 11 S R 23 E S 33 B T .

Subdivision of T. 11 S., R. 23 E.

Chains.	
	A juniper, 10 ins. diam., bears N. 16¼° W., 69 lks. dist., marked T 11 S R 23 E S 28 B T .
	Land, broken mountainous. General drainage and exposure; First 24 chs., S. Remainder of mile, N. Soil, sandy, docky, on shale and sandstone base. Timber, juniper, pinon, and cedar. Undergrowth, shadscale and scattering sagebrush.
	From the cor. of secs. 27, 28, 33, and 34.
	S. 89° 57' E., on random line, bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
79.94	Fall 26 lks. N. of the cor. of secs. 26, 27, 34, and 35
	Thence
	N. 89° 46' W., on a true line, bet. secs. 27 and 34.
	Over broken mountainous land through scattering small timber and medium undergrowth.
	Desc. from top of small spur over broken WSW. slope.
15.00	Draw, 130 ft. below cor., drains NE. Asc. broken E. slope.
21.70	Foot of abrupt ascent, 65 ft. above draw, bears N. and S. Leave scattering timber, bears N. and S. Asc. abruptly over SSE. slope over series of sandstone ledges and outcroppings.
27.60	Ridge, 340 ft. above foot of abrupt ascent, bears N. 15° E. and S. 15° W. Enter timber, bears N. 15° E. and S. 15° W. Desc. SSW. slope.
38.50	Old road, bears N. and S.
38.70	Draw, 55 ft. below top of ridge, drains N. 10° W. Asc. E. slope.
39.97	On E. slope, 5 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 27 and 34, with brass cap marked ¼ S 27 / S 34 1922 from which
	A juniper, 7 ins. diam., bears N. 77° E., 2.77 chs. dist., marked ¼ S 27 B T .
	A juniper, 6 ins. diam., bears S. 19½° W., 1.69 chs. dist., marked ¼ S 34 B T .

Chains.

49.30 Spur, 35 ft. above ¼ sec. cor., projects N. Desc. W. slope.

51.80 Small draw, 25 ft. below top of spur, drains N. 10° W. Asc: ENE. slope.

54.30 Small spur, 25 ft. above draw, projects N. 10° W. Desc. W. slope.

66.50 Draw, 100 ft. below top of spur, drains N. Asc.E. slope.

68.50 Old road, bears N. and S.

78.50 Spur, 60 ft. above draw, projects N. 10° E. Desc. W. slope.

79.94 The cor. of secs. 27, 28, 33, and 34, on W. slope, 20 ft. below top of spur to E.

Land, broken mountainous with general NW. drainage and exposure.
Soil, sandy, rocky, on sandstone and shale base.
Timber, juniper, pinon, and cedar.
Undergrowth, shadscale and scattering sagebrush.

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

N. 0° 03' W., bet. secs. 27 and 28.

Over rolling mountainous land through scattering timber and medium undergrowth.
Desc. along W. slope.

19.25 Old road, bears E. and W.

19.80 Draw, 80 ft. below cor., drains N. 80° W. Asc. S. slope.

26.80 Spur, 80 ft. above draw, projects N. 75° W. Desc. NW. slope along W. side of small spur, projecting N. 5° W.

37.90 Small spur, 40 ft. below top of main spur, projects N. 5° W. Desc. over point of same.

40.00 On N. slope, 25 ft. below top of small spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 27 and 28, with brass cap marked

¼
S 28 | S 27
1922

from which

A juniper, 10 ins. diam., bears S. 45° E., 12 lks. dist., marked ¼ S 27 B T .

A juniper, 7 ins. diam., bears S. 50° W. , 18 lks. dist., marked ¼ S 28 B T .

chains.	
41.80	Leave scattering timber, bears E. and W.
43.70	Draw, 45 ft. below ¼ sec. cor., drains N. 80° W. Asc. gentle SW. slope.
48.00	Point of spur, 10 ft. above draw, projects W. Desc. gentle NW. slope.
51.30	Draw, 15 ft. below point of spur, drains W. Asc. S. slope.
53.80	Enter scattering timber, bears E. and W.
58.40	Spur, 35 ft. above draw, projects W. Desc. N. slope.
66.60	Draw, 100 ft. below top of spur, drains W. Asc. S. slope.
67.60	Top of sandstone ledge, 20 ft. high, 30 ft. above draw, faces S. Continue ascent.
69.80	Spur, 10 ft. above top of sandstone ledge, projects W. Desc. Along W. side of draw, draining N.
80.00	On gentle E. slope, 20 ft. below top of spur, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 21, 22, 27, and 28, with brass cap marked T 11 S R 23 E S 21 | S 22 S 28 | S 27 1922 from which A juniper, 5 ins. diam., bears N. 7° E., 56 lks. dist., marked T 11 S R 23 E S 22 B T . A pinon, 6 ins. diam., bears S. 57° E., 28 lks. dist., marked T 11 S R 23 E S 27 B T . A pinon, 6 ins. diam., bears S. 45° W., 28 lks. dist., marked T 11 S R 23 E S 28 B T . A juniper, 6 ins. diam., bears N. 49° W., 30 lks. dist., marked T 11 S R 23 E S 21 B T .

Land, rolling mountainous. General drainage and exposure, NW.
Soil, rocky, sandy, on shale and sandstone base.
Timber, juniper, and pinon,
Undergrowth, shadscale and sagebrush.

From the cor. of secs. 21, 22, 27, and 28.

S. 89° 46' E., on random line, bet. secs. 22 and 27.

40.00	Set temp. ¼ sec. cor.

chains.	
80.20	Fall 9 lks. S. of the cor. of secs. 22, 23, 26, and 27.
	Thence
	N. 89° 50' W., on a true line, bet. secs. 22 and 27.
	Over rolling mountainous land through scattering small timber and medium undergrowth.
	Asc. gentle SE. slope.
8.20	Spur, 90 ft. above the cor., projects N. Desc. W. slope.
13.80	Draw, 125 ft. below top of spur, drains N. Head of Atchee Draw. Asc. E. slope.
14.00	Old road, bears N. and S.
20.50	Spur, 75 ft. above draw, projects N. Desc. W. slope.
23.70	Draw, 75 ft. below top of spur, drains N. Asc. E. slope.
31.40	Spur, 155 ft. above draw, projects N. 20° W. Desc. W. slope.
34.90	Small draw, 25 ft. below top of spur, drains NW. Asc. NE. slope.
39.50	Short spur, 25 ft. above small draw, projects NW. Desc. W. slope.
40.10	On W. slope, 5 ft. below top of short spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 22 and 27, with brass cap marked ¼ S 22 / S 27 1922 from which
	A pinon, 6 ins. diam., bears N. 12° E., 1.04 chs. dist., marked ¼ S 22 B T.
	A juniper, 6 ins. diam., bears S. 9° E., 72 lks. dist., marked ¼ S 27 B T.
41.50	Head of draw, 25 ft. below ¼ sec. cor., drains N. Asc. NE. slope.
45.00	Short spur, 25 ft. above head of draw, projects N. Desc. W. slope.
48.60	Draw, 45 ft. below top of short spur, drains N. Asc. rocky E. slope.

chains.	
57.60	Ridge, 140 ft. above draw, bears N. 5° E. and S. 5° W. Desc. NW. slope.
62.00	Head of draw, 30 ft. below top of ridge, drains N. Asc. NE. slope.
64.50	Spur, 15 ft. above head of draw, projects N. 20° W. Desc. WSW. slope.
74.40	Draw, 60 ft. below top of spur, drains NW. Asc. ENE. slope.
77.10	Spur, 15 ft. above draw, projects N. Desc. W. slope.
78.60	Small draw, 20 ft. below top of spur, drains N. Asc. E. slope.
80.20	The cor. of secs. 21, 22, 27, and 28, on gentle E. slope, 20 ft. above small draw to E.
	Land, rolling mountainous. General drainage and exposure, N. Soil, rocky, sandy, on shale and sandstone base. Timber, juniper and pinon. Undergrowth, shadscale and sagebrush.
	From the cor. of secs. 21, 22, 27, and 28.
	N. 0° 03' W., bet. secs. 21 and 22.
	Over rolling mountainous land through scattering timber and medium undergrowth.
	Desc. along E. slope.
6.30	Draw, 40 ft. below cor., drains N. 75° W. Asc. S. slope over point of spur,
8.70	Top of ascent, 40 ft. above draw, Continue along top of spur, projecting N.
17.10	Top of descent. Desc. N. slope over point of spur.
19.90	Draw, 70 ft. below top of descent, drains W. Asc. S. slope.
23.10	Spur, 10 ft. above draw, projects W. Desc. N. slope.
29.30	Draw, 25 ft. below top of spur, drains W. Asc. S. slope.
33.90	Spur, 135 ft. above draw, projects N. 80° W. Desc. N. slope.
38.60	Head of draw, 85 ft. below top of spur, drains N. 10° E. Continue descent along W. side of draw,

chains.

40.00 On E. slope, 85 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 21 and 22, with brass cap, marked

¼

S 21 | S 22

1922

from which

A juniper, 6 ins. diam., bears S. 47½° E., 5 lks. dist., marked ¼ S 22 B T.

A juniper, 8 ins. diam., bears S. 29¾° W., 20 lks. dist., marked ¼ S 21 B T.

70.40 Draw, 180 ft. below the ¼ sec. cor., drains NE. Continue along gentle E. slope.

80.00 On gentle E. slope, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 15, 16, 21, and 22, with brass cap marked

T 11 S R 23 E

S 16 | S 15

S 21 | S 22

1922

from which

A juniper, 6 ins. diam., bears N. 10¼° E., 1.81 chs. dist., marked T 11 S R 23 E S 15 B T.

A juniper, 6 ins. diam., bears S. 32½° E., 1.10 chs. dist., marked T 11 S R 23 E S 22 B T.

A juniper, 7 ins. diam., bears S. 42° W., 1.10 chs. dist., marked T 11 S R 23 E S 21 B T.

A juniper, 6 ins. diam., bears N. 51° W., 95 lks. dist., marked T 11 S R 23 E S 16 B T.

Land, rolling mountainous. General drainage and exposure, N.
Soil, rocky, sandy, on shale base.
Timber, juniper and pinon.
Undergrowth, shadscale and sagebrush.

From the cor. of secs. 15, 16, 21, and 22.

S. 89° 50' E., on random line, bet. secs. 15 and 22.

40.00 Set temp. ¼ sec. cor.

chains.	
79.98	Fall 5 lks. N. of the cor. of secs. 14, 15, 22, and 23.
	Thence
	N. 89° 48' W., on a true line, bet. secs. 15 and 22.
	Over rolling mountainous land through scattering timber and medium undergrowth.
	Desc. NW. slope.
2.50	Draw, 10 ft. below cor., drains N. Asc. E. slope.
8.00	Spur, 60 ft. above draw, projects N. Desc. W. slope.
11.00	Atchee's Draw, 5 ft. deep, 20 lks. wide, 70 ft. below top of spur, drains N. 15° W. Asc. E. slope.
12.00	Old road, bears N. and S.
16.00	Spur, 15 ft. above Atchee's Draw, projects NE. Desc. NW. slope.
23.00	Draw, 15 ft. below top of spur, drains NE. Asc. SE. slope.
28.90	Spur, 85 ft. above draw, projects NE. Desc. NW. slope.
33.40	Draw, 80 ft. below top of spur, drains N. 10° E. Asc. E. slope.
35.90	Ridge, 100 ft. above draw, bears NW. and SE. Desc. along N. slope.
39.99	On gradual N. slope, 10 ft. below top of ridge, set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 15 and 22, with brass cap marked ¼ S 15 / S 22 1922
	from which
	A pinon, 6 ins. diam., bears N. 10½° E., 72 lks. dist., marked ¼ S 15 B T .
	A juniper, 7 ins. diam., bears S. 77½° E., 58 lks. dist., marked ¼ S 22 B T .
50.35	Head of draw, 30 ft. below ¼ sec. cor., drains N. Desc. NE. slope.
55.70	Spur, 30 ft. above head of draw, projects N. 20° W. Desc. W. slope.

chains.	
60.00	Slope changes from W. to N. Head of small draw, drains N.
75.00	Wash, 175 ft. below top of spur, drains NW. Continue descent over gentle W. slope.
78.60	Wash, 10 ft. below last mentioned wash, drains N. Asc. gentle E. slope.
79.98	The cor. of secs. 15, 16, 21, and 22, on gentle E. slope, 10 ft. above wash. Top of ascent on E. slope.

Land, rolling mountainous. General drainage and Exposure; First 36 chs., NE. Remainder of mile, NW.
Soil, rocky, sandy, on shale base.
Timber, scattering juniper and pinon.
Undergrowth, shadscale and sagebrush.

From the cor. of secs. 15, 16, 21, and 22.

N. 0° 03' W., bet. secs. 15 and 16.

Over broken mountainous land through scattering timber and undergrowth.

Desc. along E. slope.

3.50	Draw, 20 ft. below cor., drains NW. Asc. rocky S. slope.
11.90	Spur, 130 ft. above draw, projects N. 75° W. Desc. along W. slope.
38.50	Draw, 180 ft. below top of spur, drains W. Asc. rocky S. slope.
40.00	On rocky S. slope, 5 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 15 and 16, with brass cap marked

¼

S 16 | S 15

1922

from which

A juniper, 6 ins. diam., bears N. 55° E., 88 lks. dist., marked ¼ S 15 B T.

A juniper, 6 ins. diam., bears N. 89½° W., 24 lks. dist., marked ¼ S 16 B T.

55.20	Top of sandstone rimrock, 75 ft. high, 100 ft. above the

Chains.	
	¼ sec. cor., faces S. Continue ascent over S. slope.
56.30	Spur, 10 ft. above top of rimrock, projects W. Desc. broken N. slope.
66.20	Draw, 40 ft. below top of spur, drains W. Asc. broken SW. slope.
72.30	Spur, 55 ft. above draw, projects NW. Desc. NE. slope.
79.70	Small draw, 30 ft. below top of spur, drains NW. Asc. SW. slope.
80.00	On SW. slope, 30 ft. above small draw, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 9, 10, 15, and 16, with brass cap marked T 11 S R 23 E S 9 | S 10 S 16 | S 15 1922 from which A pinon, 6 ins. diam., bears N. 32½° E., 1.04 chs. dist., marked T 11 S R 23 E S 10 B T . A pinon, 6 ins. diam., bears S. 21° E., 80 lks. dist., marked T 11 S R 23 E S 15 B T . A pinon, 10 ins. diam., bears S. 19° W., 55 lks. dist., marked T 11 S R 23 E S 16 B T . A juniper, 12 ins. diam., bears N. 48½° W., 1.72 chs. dist., marked T 11 S R 23 E S 9 B T .

Land, broken mountainous. General drainage and exposure, NW.
Soil, rocky, clay loam, on sandstone and shale base.
Timber, scattering juniper and pinon.
Undergrowth, scattering shadscale and sagebrush.

	From the cor. of secs. 9, 10, 15, and 16.
	S. 89° 48' E., on random line, bet. secs. 10 and 15.
40.00	Set temp. ¼ sec. cor.
80.02	Fall 2 lks. N. of the cor. of secs. 10, 11, 14, and 15.
	Thence
	N. 89° 47' W., on a true line, bet. secs. 10 and 15.
	Over broken mountainous land through scattering timber and undergrowth.

Chains.

Desc. along very gradual N. slope.

3.20 Wash in Atchee's Draw, 5 ft. deep, 30 lks. wide, 10 ft. below cor., drains N. Asc. broken NE. slope.

13.60 Spur, 135 ft. above wash in Atchee's Draw, projects N. Desc. broken NW. slope over series of small draws and spurs.

27.60 Draw, 90 ft. below top of spur, drains N. 30° E. Asc. broken SE. slope.

33.40 Spur, 150 ft. above draw, projects N. 15° E. Desc. WNW. slope.

37.00 Head of draw, 35 ft. below top of spur, drains N. Asc. E. slope.

38.40 Spur, 35 ft. above head of draw, projects N. Desc. W. slope.

40.01 On W. slope, 30 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 10 and 15, with brass cap marked

$$\frac{1/4\ \text{S 10}}{\text{S 15}}$$
1922

from which

A pinon, 10 ins. diam., bears N. 6½° E., 63 lks. dist., marked ¼ S 10 B T .

A pinon, 6 ins. diam., bears S. 59¾° W., 46 lks. dist. marked ¼ S 15 B T .

42.00 Draw, 60 ft. below the ¼ sec. cor., drains N. Asc. E. slope.

54.80 Spur, 95 ft. above draw, projects NE., from W. Continue ascent along top of spur, projecting E.

60.00 Ridge, 75 ft. above point on spur, bears N. and S. Desc. rocky W. slope.

72.00 Draw, 160 ft. below top of ridge, drains NW. Asc. E. slope.

78.60 Low spur, 35 ft. above draw, projects N., from SE. Desc. SW. slope.

Chains.	
80.02	The cor. of secs. 9, 10, 15, and 16, on SW. slope, 10 ft. below top of spur.
	Land, broken mountainous. General drainage and exposure: First 60 chs., NE. Remainder of mile, NW. Soil, rocky, sandy, clay loam, on shale and sandstone base. Timber, scattering pinon and juniper. Undergrowth, scattering shadscale and sagebrush.
	From the cor. of secs. 9, 10, 15, and 16.
	N. 0° 03' W., bet. secs. 9 and 10.
	Over broken mountainous land through scattering timber and undergrowth.
	Asc. SW. slope.
2.20	Top of spur, 30 ft. above cor., projects N., from SE. Desc. along top of spur.
15.50	Leave top of spur, 40 ft. below top of ascent. Spur projects NW. Continue descent over NE. slope.
20.50	Draw, 30 ft. below point on spur, drains N. 75° W. Asc. rocky S. slope over series of sandstone outcroppings and ledges.
36.40	Spur, 100 ft. above draw, projects NW. Desc. along W. slope of spur, projecting N.
40.00	On W. slope, 20 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 9 and 10, with brass cap marked ¼ S 9 | S 10 1922 from which A pinon, 6 ins. diam., bears N. 42° E., 98 lks. dist., marked ¼ S 10 B T. A pinon, 6 ins. diam., bears S. 79° W., 70 lks. dist., marked ¼ S 9 B T.
54.70	Draw, 160 ft. below the ¼ sec. cor., drains W. Asc. rocky S. slope.
55.10	Top of sandstone rimrock, 35 ft. high, 95 ft. above draw,

Chains.

faces S. Continue ascent over S. slope.

60.40 Spur, 40 ft. above top of sandstone rimrock, projects N. 80° W. Desc. N. slope.

70.30 Draw, 185 ft. below top of spur, drains N. 75° W. Asc. rocky S. slope.

70.50 Top of rimrock, 50 ft. high, faces S. Continue ascent.

76.73 Spur, 100 ft. above top of rimrock, projects S. 80° W. Continue ascent along W. slope.

80.00 On W. slope, 20 ft. above top of spur, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 3, 4, 9, and 10, with brass cap marked

T 11 S R 23 E
S 4 | S 3
S 9 | S 10
1922

from which

A juniper, 6 ins. diam., bears N. 62½° E., 70 lks. dist., marked T 11 S R 23 E S 3 B T .

A juniper, 7 ins. diam., bears S. 50½° E., 2.75 chs. dist., marked T 11 S R 23 E S 10 B T .

A juniper, 6 ins. diam., bears S. 51½° W., 68 lks. dist., marked T 11 S R 23 E S 9 B T .

A juniper, 6 ins. diam., bears N. 52° W., 1.25 chs. dist., marked T 11 S R 23 E S 4 B T .

Land, broken mountainous. General drainage and exposure, NW.
Soil, rocky, sandy, clay loam, on sandstone and shale base.
Timber, scattering juniper and pinon.
Undergrowth, scattering shadscale and sagebrush.

From the cor. of secs. 3, 4, 9, and 10.

S. 89° 47' E., on random line, bet. secs. 3 and 10.

40.00 Set temp. ¼ sec. cor.

79.96 Fall 2 lks. N. of the cor. of secs. 2, 3, 10, and 11.

Thence

N. 89° 46' W., on a true line, bet. secs. 3 and 10.

Over broken mountainous land through scattering undergrowth.

Chains.

Desc. W. slope.

8.80 Wash in Atchee's Draw, 5 ft. deep, 40 lks. wide, 95 ft. below cor., drains N. Asc. E. slope over point of spur.

13.70 Point of spur, 85 ft. above wash in Atchee's Draw, projects NE. Desc. NW. slope.

21.90 Draw, 65 ft. below point of spur, drains NE. Asc. rocky SE. slope. Enter scattering timber, bears NE. and SW.

31.40 Spur, 205 ft. above draw, projects NE. Desc. broken WNW. slope.

39.00 Draw, 100 ft. below top of spur, drains N. 10° E. Asc. E. slope.

39.98 On E. slope. 15 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., over cross (X) marked on exposed bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 3 and 10, with brass cap marked

$$\frac{S\ 3}{\frac{1}{4}\ \ S\ 10}$$
1922

from which

A juniper, 8 ins. diam., bears N. 70° E., 54 lks. dist., marked ¼ S 3 B T .

A juniper, 6 ins. diam., bears S. 28½° E., 72 lks. dist., marked ¼ S 10 B T .

44.40 Spur, 160 ft. above the ¼ sec. cor., projects N. Desc. WNW. slope.

46.40 Draw, 30 ft. below top of spur, drains N. 10° E. Asc. broken E. slope.

55.10 Ridge, 200 ft. above draw, bears N. and S. Desc. rocky W. slope.

58.00 Top of sandstone ledge, 30 ft. high, faces W. Continue descent.

60.80 Draw, 180 ft. below top of ridge, drains N. Asc. broken NE. slope.

70.30 South Harrison Gilsonite Lode, 20 ins. wide, bears N. 56°

Chains.	
	W. and S. 56° E.
78.60	Ridge, 200 ft. above draw, bears NW. and SE. Desc. W. slope.
79.96	The cor. of secs. 3, 4, 9, and 10, on W. slope, 20 ft. below top of ridge.
	Land, broken mountainous. General drainage and exposure: First 55 chains, NE. Remainder of mile, NW. Soil, rocky, sandy, clay loam, on sandstone and shale base. Timber, scattering juniper and pinon. Undergrowth, scattering shadscale and sagebrush.
	From the cor. of secs. 3, 4, 9, and 10.
	N. 0° 03' W., on a true line, bet. secs. 3 and 4.
	Over broken mountainous land through scattering timber and undergrowth.
	Asc. along W. slope.
6.30	South Harrison Gilsonite Lode, 20 ins. wide, bears N. 56° W. and S. 56° E.
16.70	Ridge, 20 ft. above cor., bears NW. and SE. Desc. along E. slope of spur, projecting N.
33.00	Draw, 100 ft. below top of ridge, drains N. Continue desc. along bottom of draw,
38.70	Leave draw, 25 ft. below last point, drains NE. Asc. E. slope over point of spur.
40.00	On E. slope, 10 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 3 and 4, with brass cap marked ¼ S 4 | S 3 1922 from which A juniper, 6 ins. diam., bears N. 86¾° E., 64 lks. dist., marked ¼ S 3 B T . A juniper, 6 ins. diam., bears N. 44½° W. 39 lks. dist., marked ¼ S 4 B T .
44.30	Point of spur, 30 ft. above the ¼ sec. cor., projects NE. Desc. over N. slope.

Chains	
47.00	Draw, 55 ft. below point of spur, drains W. Asc. rocky S. slope over series of sandstone outcroppings.
51.40	Spur, 130 ft. above draw, projects NW. Desc. NE. slope.
59.30	Draw, 85 ft. below top of spur, drains NW. Asc. SSW. slope over series of sandstone outcroppings.
65.40	Spur, 110 ft. above draw, projects NW. Desc. NE. slope.
76.50	Draw, 130 ft. below top of spur, drains NW. Asc. rocky SSW. slope.
83.20	Spur, 50 ft. above draw, projects NW. Desc. along flat top of spur, projecting N.
88.66	Intersect the Second Standard Parallel South, 11.12 chs. S. 89° 56' E., of the standard sec. cor. of secs. 32 and 33, hereinbefore described. At point of intersection,

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the closing sec. cor. of secs. 3 and 4, with brass cap marked

T 10 S R 23 E
S 33

S 4	S 3
T 11 S	R 23 E
C	C

1922

from which

A juniper, 5 ins. diam., bears S. 12¼° E., 1.40 chs. dist., marked T 11 S R 23 E S 3 C C B T.

A juniper, 5 ins. diam., bears S. 78¼° W., 72 lks. dist., marked T 11 S R 23 E S 4 C C B T.

Land, broken mountainous. General drainage and exposure, NW.
Soil, rocky, sandy, clay loam, on sandstone and shale base.
Timber, scattering juniper and pinon.
Undergrowth, scattering shadscale and sagebrush.

From the cor. of secs. 4, 5, 32, and 33, on the S. boundary of the township, as described in the notes of the survey of T. 12 S., R. 23 E.

N. 0° 04' W., bet. secs. 32 and 33.

Over broken mountainous land through scattering under-

Chains	
	growth.
	Desc. gentle N. slope.
4.80	Road, bears E. and W.
6.20	Center of wash, 5 ft. deep, 20 lks. wide, drains N. 80° W. 15 ft. below cor. Asc. gentle S. slope.
15.00	Enter scattering timber, bears E. and W.
25.70	Foot of abrupt ascent. Leave scattering timber, bears E. and W. Asc. rocky S. slope over series of sandstone ledges and outcroppings. Foot of abrupt ascent is 100 ft. above center of wash.
34.00	Top of rocky spur, 295 ft. above foot of abrupt ascent, projects SW. Desc. NNW. slope. Enter scattering timber, bears NE. and SW.
40.00	On NNW. slope, 145 ft. below top of rocky spur, set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 32 and 33, with brass cap marked ¼ S 32 | S 33 1922 from which A juniper, 8 ins. diam., bears N. 16° E., 1.81 chs. dist., marked ¼ S 33 B T . A pinon, 5 ins. diam., bears N. 33° W., 30 lks. dist., marked ¼ S 32 B T .
41.00	Bottom of rocky ravine, 35 ft. below the ¼ sec. cor., drains SW. Asc. rocky SSW. slope over series of sandstone ledges and outcroppings.
50.60	Top of ascent, 285 ft. above bottom of rocky ravine, Continue slight ascent along W. side of mesa.
57.20	Ridge, 10 ft. above top of abrupt ascent, bears NW. and SE. Desc. along W. side of spur, projecting N.
80.00	On gentle NW. slope, 145 ft. below top of ridge, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 28, 29, 32, and 33,

Chains.	
	with brass cap marked T 11 S R 23 E S 29 | S 28 S 32 | S 33 1922
	from which
	A juniper, 6 ins. diam., bears N. 10° E., 3.53 chs. dist., marked T 11 S R 23 E S 28 B T .
	A pinon, 6 ins. diam., bears S. 44° E., 1.90 chs. dist., marked T 11 S R 23 E S 33 B T .
	A pinon, 6 ins. diam., bears S. 73° W., 3.13 chs. dist., marked T 11 S R 23 E S 32 B T .
	A juniper, 8 ins. diam., bears N 75½° W., 2.05 chs. dist., marked T 11 S R 23 E S 29 B T .
	Land, broken mountainous. General drainage and exposure: First 57 chs., SW. Remainder of mile, N. Soil, sandy, rocky, clay loam, on sandstone and shale base. Timber, scattering juniper, pinon, and cedar. Undergrowth, scattering shadscale and sagebrush.
	From the cor. of secs. 28, 29, 32, and 33.
	S. 89° 57' E., on random line, bet. secs. 28 and 33.
40.00	Set. temp. ¼ sec. cor.
80.30	Fall 25 lks. N. of the cor. of secs. 27, 28, 33, and 34.
	Thence
	N. 89° 46' W., on a true line, bet. secs. 28 and 33.
	Over rolling mountainous land through scattering timber and undergrowth.
	Desc. W. slope.
4.40	Draw, 20 ft. below cor., drains N. Asc. E. slope.
9.40	Spur, 35 ft. above draw, projects N. Desc. WNW. slope.
14.10	Head of draw, 20 ft. below top of spur, drains N. Asc. NE. slope.
24.10	Spur, 30 ft. above head of draw, projects NW. Desc. SW. slope.
29.00	Wash, 2 ft. deep, 10 lks. wide, 85 ft. below top of spur, drains N. 10° W. 5 chs. dist. to junction with draw, from SW. Continue over level land.
34.00	Draw, drains NE. Asc. E. slope.

Chains.	
40.15	On E. slope, 45 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 28 and 33, with brass cap marked S 28 ¼ S 33 1922 from which A pinon, 10 ins. diam., bears S. 30° W., 70 lks. dist., marked ¼ S 33 B T . A juniper, 12 ins. diam., bears N. 79° W., 12 lks. dist., marked ¼ S 28 B T .
48.40	Spur, 70 ft. above the ¼ sec. cor., projects N. Desc. W. slope.
56.80	Draw, 80 ft. below top of spur, drains N. Asc. E. slope.
61.70	Spur, 40 ft. above draw, projects N. Desc. W. slope.
65.60	Draw, 20 ft. below top of spur, drains N. Asc. NE. slope.
68.40	Spur, 35 ft. above draw, projects NW. Asc. WSW. slope.
71.80	Draw, 50 ft. below top of spur, drains N. 20° W. Asc. ENE. slope.
75.30	Spur, 20 ft. above draw, projects N. 20° W. Desc. gentle NW. slope.
80.30	The cor. of secs. 28, 29, 32, and 33, on NW. slope, 30 ft. below spur.
	Land, rolling mountainous. General drainage and exposure, N. Soil, sandy, rocky, clay loam, on shale and sandstone base. Timber, scattering juniper, pinon, and cedar. Undergrowth, scattering shadscale and sagebrush.
	From the cor. of secs. 28, 29, 32, and 33.
	N. 0° 04' W., bet. secs. 28 and 29.
	Over rolling mountainous land through scattering timber and undergrowth.
	Desc. NW. slope.
1.80	Head of small draw, 10 ft. below cor., drains NW. Asc. SW. slope.
7.50	Small spur, 60 ft. above head of small draw, projects W.

Chains	
	Desc. along NW. slope.
20.70	Draw, 120 ft. below top of small spur, drains NE. Asc. SE. slope.
35.70	Ridge, 85 ft. above draw, bears NE. and SW. Desc. slightly along W. slope.
37.00	Recross ridge, 15 ft. below last point, bears NW. and SE. Desc. NE. slope.
40.00	On NE. slope, 10 ft. below last point on ridge, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 28 and 29, with brass cap marked ¼ S 29 | S 28 1922 from which A pinon, 6 ins. diam., bears S. 13½° E., 53 lks. dist., marked ¼ S 28 B T . A juniper, 5 ins. diam., bears N. 89½° W., 39 lks. dist., marked ¼ S 29 B T .
46.90	Leave scattering timber, bears NW. and SE. Continue along sagebrush clearing.
50.00	Draw, 100 ft. below the ¼ sec. cor., drains NW. Continue slight descent along E. side of draw.
71.90	Recross draw, drains NE. Asc. SE. slope.
78.00	Leave sagebrush clearing. Enter scattering timber, bears NE. and SW.
80.00	On SE. slope, 40 ft. above draw, set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 20, 21, 28, and 29, with brass cap marked T 11 S | R 23 E S 20 | S 21 S 29 | S 28 1922 from which A juniper, 6 ins. diam., bears N. 25½° E., 52 lks. dist., marked T 11 S R 23 E S 21 B T .

Chains.

A juniper, 7 ins. diam., bears S. 13½° E., 54 lks. dist., marked T 11 S R 23 E S 28 B T.

A juniper, 5 ins. diam., bears S. 29½° W. 90 lks. dist., marked T 11 S R 23 E S 29 B T.

A juniper, 8 ins. diam., bears N. 70½° W., 1.28 lks. dist., marked T 11 S R 23 E S 20 B T.

Land, rolling mountainous. General drainage and exposure, N.
Soil, sandy, rocky, clay loam, on shale and sandstone base.
Timber, scattering juniper and pinon along first 46 chs. and last 2 chs. Remainder of mile, none.
Undergrowth, sagebrush and scattering shadscale.

From the cor. of secs. 20, 21, 28, and 29.

S. 89° 46' E., on random line, bet. secs. 21 and 28.

40.00 Set temp. ¼ sec. cor.

80.22 Fall 14 lks. N. of the cor. of secs. 21, 22, 27, and 28.

Thence

N. 89° 40' W., on a true line, bet. secs. 21 and 28.

Over rolling mountainous land through thinly scattering timber and medium undergrowth.

Asc. E. slope.

1.30 Top of small spur, 10 ft. above sec. cor., projects N. Desc. W. slope.

4.70 Small draw, 35 ft. below top of small spur, drains N. Asc. NE. slope.

8.50 Spur, 60 ft. above small draw, projects NW. Desc. SW. slope.

25.70 Small draw, 145 ft. below top of small spur, drains S. Asc. SE. slope over point of spur.

30.70 Point of small spur, 20 ft. above small draw, projects S. Desc. SW. slope.

35.20 Draw, 80 ft. below top of small spur, drains NW. Asc. NE. slope over point of small spur.

37.00 Point of spur, 10 ft. above draw, projects NW. Desc. SW. slope.

39.70 Small draw, 30 ft. below point of spur, drains N. Asc. E.

Chains.	
	slope.
40.11	On E. slope, 10 ft. above small draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 21 and 28, with brass cap marked,
	¼ S 21 / S 28 1922
	from which
	A juniper, 12 ins. diam., bears S. 65° E., 3.93 chs. dist., marked ¼ S 28 B T .
	A juniper, 12 ins. diam., bears N. 67° W., 2.70 chs. dist., marked ¼ S 21 B T .
48.30	Spur, 30 ft. above the ¼ sec. cor. projects N. Desc. W. slope.
53.30	Draw, 30 ft. below top of spur, drains N. Asc. E. slope.
58.40	Point of spur, 25 ft. above draw, projects N. Desc. W. slope.
61.30	Draw, 30 ft. below point of spur, drains N. Asc. E. slope.
66.30	Point of spur, 30 ft. above draw, projects N. Desc. W. slope.
78.50	Draw, 45 ft. below point of spur, drains N. 20° E. Asc. SE. slope.
80.22	The cor. of secs. 20, 21, 28, and 29, on SE. slope, 35 ft. above draw.

Land, rolling mountainous. General drainage and exposure, N.
Soil, sandy, rocky, clay loam, on shale and sandstone base.
Timber, thinly scattering juniper and pinon.
Undergrowth, medium growth of shadscale and sagebrush.

From the cor. of secs. 20, 21, 28, and 29.

N. 0° 04' W., bet. secs. 20 and 21.

Over rolling mountainous land through scattering timber and medium undergrowth.

Asc. SE. slope.

.80	Point of spur, 10 ft. above sec. cor., projects NE. Desc.

Chains.

N. slope.

3.90 Draw, 40 ft. below point of spur, drains E. Asc. S. slope

8.70 Spur, 40 ft. above draw, projects E. Desc. gentle N. slop

13.60 Draw, 45 ft. below top of spur, drains NE. Asc. SE. slope

25.70 Spur, 10 ft. above draw, projects NE. Desc. NW. slope.

30.65 Draw, 30 ft. below top of small spur, drains N. 75° E. Asc. rocky S. slope.

35.00 Spur, 65 ft. above draw, projects E. Desc. N. slope.

40.00 On N. slope, 25 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 20 and 21, with brass cap marked

S 20 | S 21
1922

from which

A pinon, 8 ins. diam., bears S. 72° E., 72 lks. dist., marked ¼ S 21 B T .

A juniper, 14 ins. diam., bears N. 65½° W., 29 lks. dist., marked ¼ S 20 B T .

40.70 Draw, 35 ft. below the ¼ sec. cor., drains E. Asc. rocky S. slope.

47.70 Spur, 170 ft. above draw, projects NE. Desc. NW. slope.

57.10 Head of draw, 80 ft. below top of spur, drains NW. Asc. along WSW. slope.

70.10 Short spur, 30 ft. above head of draw, projects W. Desc. N. slope.

80.00 On N. slope, 115 ft. below top of short spur, set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 16, 17, 20, and 21, with brass cap marked

T 11 S | R 23 E
S 17 | S 16
S 20 | S 21
1922

from which

A juniper, 12 ins. diam., bears N. 69° E., 43 lks.

Chains.	
	dist., marked T 11 S R 23 E S 16 B T .
	A pinon, 5 ins. diam., bears S. 51° E., 1.10 chs. dist., marked T 11 S R 23 E S 21 B T .
	A pinon, 8 ins. diam., bears S. 27½° W., 3.32 chs. dist., marked T 11 S R 23 E S 20 B T .
	A juniper, 10 ins. diam., bears N. 21¼°W., 47 lks. dist., marked T 11 S R 23 E S 17 B T .
	Land, rolling mountainous. General drainage and exposure, NE.
	Soil, rocky, sandy, clay loam, on shale and sandstone base.
	Timber, scattering pinon and juniper.
	Undergrowth, medium growth of shadscale and sagebrush.
	From the cor. of secs. 16, 17, 20, and 21.
	S. 89° 40' E., on random line, bet. secs. 16 and 21.
40.00	Set temp. ¼ sec. cor.
80.40	Fall 14 lks. S. of the cor. of secs. 15, 16, 21, and 22.
	Thence
	N. 89° 46' W., on a true line, bet. secs. 16 and 21.
	Over rolling mountainous land through thinly scattering timber and medium undergrowth.
	Asc. gentle E. slope.
.50	Low spur, 15 ft. above sec. cor., projects N. Desc. very gentle W. slope.
13.40	Dry wash, 2 ft. deep, 10 ft. wide, 20 ft. below top of low spur, drains N. 20° W. Asc. gentle E. slope.
28.50	Low spur, 25 ft. above dry wash, projects N. Desc. very gradual W. slope.
40.20	On very gradual W. slope, 25 ft. below top of low spur, set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 16 and 21, with brass cap marked S 16 / ¼ / S 21 / 1922
	from which
	A juniper, 6 ins. diam., bears S. 76° E., 48 lks.

Chains. dist., marked ¼ S 21 B T .

A juniper, 6 ins. diam., bears N. 15° W., 3.90 chs. dist., marked ¼ S 16 B T .

45.20 Wash in bottom of Saddle Tree Draw, 5 ft. deep, 15 lks. wide, 20 ft. below the ¼ sec. cor., drains N. Asc. ESE. slope.

55.90 Spur, 145 ft. above wash in bottom of Saddle Tree Draw, projects N. 15° E. Desc. WNW. slope.

6[illegible].40 Draw, 80 ft. below top of spur, drains N. 20° E. Asc. SE. slope.

71.30 Short spur, 75 ft. above draw, projects NE. Desc. along N. slope.

80.40 The cor. of secs. 16, 17, 20, and 21, on N. slope, 25 ft. below top of short spur to E.

Land, rolling mountainous. General drainage and exposure, N.
Soil, sandy, rocky, clay loam, on shale and sandstone base
Timber, thinly scattering juniper and pinon.
Undergrowth, medium growth of shadscale and sagebrush.

From the cor. of secs. 16, 17, 20, and 21.

N. 0° 04' W., bet. secs. 16 and 17.

Over rolling, broken mountainous land through thinly scattering timber and medium undergrowth.

Desc. N. slope.

2.2[illegible] Draw, 2[illegible] ft. below sec. cor., drains E. Asc. rocky S. slope.

3.[illegible] Gilsonite vein, 8 ins. wide, bears NW. and SE.

6.[illegible] Top of abrupt ascent 90 ft. above draw. Continue ascent along E. slope.

1[illegible].3[illegible] Break of gently rolling mesa, 60 ft. above top of abrupt ascent, bears NW and NE. Continue over mesa.

4[illegible] On gently rolling mesa, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 16 and 17, with brass cap marked

¼

S 17 | S 16

1922

Chains.	
	from which
	A juniper, 10 ins. diam., bears S. 68° E., 83 lks. dist., marked ¼ S 16 B T.
	A juniper, 7 ins. diam., bears S. 60° W., 2.05 chs. dist., marked ¼ S 17 B T.
40.50	Break of mesa, bears E. and SW. Desc. ENE. slope along E. side of small spur, projecting N.
61.40	Draw, 115 ft. below top of mesa, drains NW. Asc. rocky S. slope.
70.50	Top of ascent. Spurs project W. and N., 100 ft. above draw. Desc. over point of spur, projecting N.
80.00	On point of small spur, projecting N., 110 ft. below top of ascent, set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 8, 9, 16, and 17, with brass cap marked

T 11 S | R 23 E
S 8 | S 9
S 17 | S 16
1922

from which

A pinon, 9 ins. diam., bears N. 26° E., 1.65 chs. dist., marked T 11 S R 23 E S 9 B T.

A juniper, 8 ins. diam., bears S. 5½° E., 13 lks. dist., marked T 11 S R 23 E S 16 B T.

A juniper, 7 ins. diam., bears S. 35½° W., 1.63 chs. dist., marked T 11 S R 23 E S 17 B T.

A juniper, 7 ins. diam., bears N. 53° W., 1.32 chs. dist., marked T 11 S R 23 E S 8 B T.

Land, rolling, slightly broken mountainous. General drainage and exposure, N.
Soil, rocky, sandy, clay loam, on shale and sandstone base.
Timber, thinly scattering juniper and pinon.
Undergrowth, medium growth of shadscale and scattering sagebrush.

From the cor. of secs. 8, 9, 16, and 17.

S. 89° 46' E., on random line, bet. secs. 9 and 16.

Chains.	
39.80	Set temp. point for witness ¼ sec. cor.
80.48	Fall 7 lks. S. of the cor. of secs. 9, 10, 15, and 16.
	Thence
	N. 89° 49' W., on a true line, bet. secs. 9 and 16.
	Over broken mountainous land through scattering timber and undergrowth.
	Desc. SW. slope.
.40	Small draw, 30 ft. below sec. cor., drains NW approximatel 7 chs., thence SW. Continue descent along N. slope.
7.60	Point of small spur, 75 ft. below small draw, projects NW. Continue descent along NW. slope.
11.00	Draw, 50 ft. below top of small spur, drains SW. Asc. SE. slope.
16.00	Small spur, 45 ft. above draw, projects S. Desc. along S. slope at foot of sandstone ledge, 30 ft. high, facing S.
33.50	Leave scattering timber, bears N. and S.
40.34	True point for the ¼ sec. cor. falls in bottom of wash in Saddle Tree Draw, 10 ft. deep, 40 lks. wide, 210 ft. below top of small spur, draining N. 15° W.
	Impracticable to set monument at this point.
40.68	On level bottom land, 10 ft. above bottom of wash, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the witness ¼ sec. cor. of secs. 9 and 16, with brass cap marked
	¼ S 9 / S 16 WC 1922
	Raise a mound of stone, 2½ ft. base, 1½ ft. high, N. of the cor.
49.60	Foot of abrupt ascent, 15 ft. above the witness ¼ sec. cor., bears N. and S. Leave level bottom land. Asc. E. slope. Enter scattering timber, bears N. and S.
59.50	Spur, 75 ft. above foot of abrupt ascent, projects N. Desc. W. slope.

Chains.	
62.70	Draw, 50 ft. below top of spur, drains N. 20° E. Asc. rocky E. slope.
70.60	Large spur, 240 ft. above draw, projects N: Desc. rocky W. slope.
78.50	Draw, 150 ft. below top of large spur, drains N. 10° W. Asc. NE. slope over point of small spur.
80.48	The cor. of secs. 8, 9, 16, and 17, on point of small spur, 35 ft. above draw.

Land, broken mountainous. General drainage and exposure: First ½ mile, NW. Remainder of mile, NE.
Soil, rocky, clay loam, on sandstone and shale base.
Timber, scattering juniper and pinon, except along bottom land in Saddle Tree Draw.
Undergrowth, scattering shadscale and sagebrush.

From the cor. of secs. 8, 9, 16, and 17.

N. 0° 04' W., bet. secs. 8 and 9.

Over broken mountainous land through scattering timber and undergrowth.

Desc. over point of small spur, projecting N.

3.60	Draw, 40 ft. below sec. cor., drains NE. Asc. SE. slope, over point of small spur.
9.90	Small spur, 50 ft. above draw, projects E: Desc. ENE. slope.
16.00	Draw, 100 ft. below top of small spur, drains NW. approximately 3 chs. dist., thence NE. Asc. SW. slope over point of small spur.
16.50	Point of small spur, 10 ft. above draw, projects W. Desc. NW. slope.
17.10	Recross draw, 20 ft. below point of small spur, drains NE. Asc. SE. slope.
20.40	Small spur, 15 ft. above draw, projects E. Desc. NE. slope
23.20	Recross draw, 50 ft. below top of small spur, drains NW. Asc. rocky SSW. slope.
27.50	Spur, 40 ft. above draw, projects NW. Desc. NE. slope.
30.50	Draw, 80 ft. below top of spur, drains N. 70° W. Asc. rocky SSW. slope.

Chains.

39.40 Rocky spur, 100 ft. above draw, projects W. Desc. NNW. slope.

40.00 On NNW. slope, 5 ft. below top of rocky spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 8 and 9, with brass cap marked

¼
S 8 | S 9
1922

from which

A pinon, 10 ins. diam., bears N. 85° E., 33 lks. dist., marked ¼ S 9 B T.

A pinon, 8 ins. diam., bears N. 53° W., 56 lks. dist., marked ¼ S 8 B T.

44.70 Small draw, 100 ft. below top of rocky spur, drains N. 80° W. Asc. rocky SW. slope.

48.30 Small rocky spur, 15 ft. above small draw, projects W. Desc. abrupt N. slope.

52.70 Wash, 5 ft. deep, 30 lks. wide, in bottom of rocky canyon, 155 ft. below top of spur, drains E. approximately 3 ch dist., thence N. Asc. rocky SSW. slope.

58.50 Top of sandstone rimrock, 40 ft. high, 190 ft. above bottom of rocky canyon, faces SSW. Continue slight ascent.

59.50 Spur, 10 ft. above top of sandstone rimrock, projects NE. Continue along E. slope of spur, projecting N. 5° E.

68.50 Cross spur, projects N. 5° E. Desc. WNW. slope.

70.70 Head of rocky draw, 45 ft. below top of spur, drains E. Asc. rocky SSE. slope.

76.00 Large spur, 75 ft. above hear of draw, projects NE. Desc. very slightly along E. slope.

80.00 On E. slope, set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 4, 5, 8, and 9, with brass cap marked

Chains	
	T 11 S R 23 E S 5 | S 4 S 8 | S 9 1922
	from which
	A juniper, 5 ins. diam., bears N. 74½° E., 2.03 chs. dist., marked T 11 S R 23 E S 4 B T .
	A pinon, 5 ins. diam., bears S. 40¼° E., 90 lks. dist., marked T 11 S R 23 E S 9 B T .
	A juniper, 5 ins. diam., bears S. 54½° W., 1.64 chs. dist. marked T 11 S R 23 E S 8 B T .
	A juniper, 6 ins. diam., bears N. 62° W., 1.67 chs. dist., marked T 11 S R 23 E S 5 B T .
	Land, broken mountainous. General drainage and exposure, N. Soil , rocky, clay loam, on sandstone and shale base. Timber, scattering juniper and pinon, Undergrowth, scattering shadscale and sagebrush.
	From the cor. of secs. 4, 5, 8, and 9.
	S. 89° 49' E., on random line, bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
80.02	Fall 7 lks. S. of the cor. of secs. 3, 4, 9, and 10.
	Thence.
	N. 89° 52' W., on a true line, bet. secs. 4 and 9.
	Over broken mountainous land through scattering timber and undergrowth.
	Desc. W. slope.
7.50	Draw, 85 ft. below sec. cor., drains N. 80° W. Asc. NNE. slope.
12.40	Rocky spur, 75 ft. above draw, projects N. 75° W. Desc. SW. slope.
15.40	Draw, 95 ft. below top of rocky spur, drains NW. Asc. NNE. slope over point of spur.
22.00	Point of spur, 30 ft. above draw, projects NW. Desc. SE. slope.
23.10	Draw, 10 ft. below point of spur, drains N. 10° E. Asc. rocky E. slope over series of sandstone outcroppings.

Chains.

29.30 Spur, 200 ft. above draw, projects NW. Desc. rocky SW. slope over series of sandstone ledges.

40.01 On rocky SW. slope, 275 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 4 and 9, with brass cap marked

$$\frac{S\ 4}{\frac{1}{4}\ S.\ 9}$$
1922

from which

A juniper, 20 ins. diam., bears S. 45° W., 66 lks. dist., marked ¼ S. 9 B T.

A juniper, 8 ins. diam., bears N. 53° W., 55 lks. dist., marked ¼ S 4 B T.

42.50 Dry wash, at foot of abrupt descent, 5 ft. deep, 20 lks. wide, drains NW. Foot of abrupt descent bears NW. and SE. Continue descent over gently sloping bottom land. Leave scattering timber, bears N. and S.

55.90 Center of wash, 10 ft. deep, 60 lks. wide, in bottom of Saddle Tree Draw, 100 ft. below the ¼ sec. cor., drains N. 15° W. Asc. over gently sloping bottom land.

64.90 Foot of abrupt ascent, 65 ft. above wash, bears N. and S. Continue ascent over rocky ESE. slope.

74.40 Spur, 290 ft. above foot of abrupt ascent, projects NE. Desc. WNW. slope. Enter scattering timber, bears NE. and SW.

79.40 Draw, 35 ft. below top of spur, drains N. 10° E. Asc. E. slope.

80.02 The cor. of secs. 4, 5, 8, and 9, on E. slope., 20 ft. above draw.

Land, broken mountainous. General drainage and exposure: First 56 chs., NW. Remainder of mile, NE.
Soil, rocky, clay loam, on sandstone and shale base.
Timber, scattering juniper and pinon, except along bottom land in Saddle Tree Draw.
Undergrowth, scattering shadscale and sagebrush.

Chains.	
	From the cor. of secs. 4, 5, 8, and 9.
	N. 0° 04' W., on a true line, bet. secs. 4 and 5.
	Over broken mountainous land through scattering timber and undergrowth.
	Desc. along ESE. slope.
7.40	Top of abrupt descent, 65 ft. below sec. cor., bears NE. and SW. Desc. abruptly over NNW. slope.
11.40	Rocky draw, 190 ft. below top of abrupt descent, drains NE. Asc. rocky SE. slope over series of sandstone ledges and outcroppings.
13.40	Top of sandstone ledge, 40 ft. high, 115 ft. above draw, faces SE. Continue ascent.
14.90	Spur, 100 ft. above top of sandstone ledge, projects N. 20° E. Desc. over top of same.
22.60	Small spur, 45 ft. below main spur, projects N. 80° W. Desc. N. slope.
25.10	Head of draw, 180 ft. below top of small spur, drains NW. Asc. rocky SSW. slope.
30.60	Top of sandstone rimrock, 70 ft. high, 215 ft. above head of draw, faces S. Continue over level top of spur.
35.60	Top of descent. Desc. along top of spur.
40.00	On N. slope, 20 ft. below top of descent, set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 4 and 5, with brass cap marked ¼ S 5 | S 4 1922 from which A juniper, 6 ins. in diam., bears N. 15° E., 1.23 chs. dist., marked ¼ S 4 B T . A juniper, 6 ins. diam., bears N. 40° W., 41 lks. dist., marked ¼ S 5 B T .
43.10	Desc. becomes more abrupt. Continue descent over N. slope.

Chains. Chains.

48.00 Head of draw, 265 ft. below the ¼ sec. cor., drains NW. Asc. rocky SW. slope.

52.00 Rocky spur, 130 ft. above head of draw, projects WNW. Point of sandstone bluff, 100 ft. high, facing SW. Desc. W. slope.

66.00 Leave scattering timber, bears E. and W. Enter sloping bottom land, bears NW. and SE. Continue desc. over gentle NE. slope.

71.00 Center of wash, 10 ft. deep, 60 lks. wide, in bottom of Saddle Tree Draw, 265 ft. below top of rocky spur, drains NW. Asc. rocky WSW. slope over point of spur.

79.50 South Harrison Gilsonite Lode, 20 ins. wide, bears N. 55° W. and S. 55° E.

81.30 Top of ascent, 110 ft. above wash in bottom of Saddle Tree Draw. Point of small spur, projects W. Continue along rocky W. slope.

[illegible].43 Intersect the Second Standard Parallel South, 10.82 chs. N. 89° 55' E. of the standard sec. cor. of secs. 31 and 32, hereinbefore described. At point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, to bedrock; supported by a mound of stone, for the closing sec. cor. of secs. 4 and 5, with brass cap marked

T 10 S R 23 E
S 32
S 5 | 3 4
T 11 S | R 23 E
C | C
1922

Deposit a sandstone memorial, marked with cross (X) at base of post, dimensions 8 x 6 x 4 ins.

Land, broken mountainous. General drainage and exposure, N.
Soil, rocky, sandy, on sandstone and shale base.
Timber, scattering juniper and pinon along first 66 chs. of mile. Remainder, none.
Undergrowth, scattering shadscale and sagebrush.

From the cor. of secs. 5, 6, 31 and 32, on the S. bound-

Chains	
	ary of the township, as described in the notes of the survey of T. 12 S., R. 23 E.
	N. 0° 04' W., bet. secs. 31 and 32.
	Over rolling mountainous land through scattering timber and undergrowth.
	Desc. over point of spur, projecting N.
14.00	Leave scattering timber, bears E. and W. Continue over rolling, sagebrush land.
21.00	Wash, 5 ft. deep, 30 lks. wide, 125 ft. below sec. cor., drains W. Asc. slightly over SW. slope.
22.00	Road, bears E. and W.
25.60	Point of spur, 30 ft. above bottom of wash, projects W. Desc. NNW. slope.
30.60	Draw, 25 ft. below point of spur, drains SW. Asc. SE. slope. Enter scattering timber, bears E. and W.
40.00	On SE. slope, 65 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 31 and 32, with brass cap marked

¼
S 31 | S 32
1922

from which

A juniper, 7 ins. diam., bears S. 55½° E., 1.22 chs. dist., marked ¼ S 32 B T .

A juniper, 7 ins. diam., bears N. 76° W., 1.40 chs. dist., marked ¼ S 31 B T .

41.30	Spur, 15 ft. above the ¼ sec. cor., projects SW. Desc. NNW. slope.
43.00	Head of draw, 25 ft. below top of spur, drains W. Asc. SSE. slope.
56.00	Spur, 130 ft. above head of draw, projects N. 80° W. Desc. N. slope.
60.90	Foot of abrupt descent, 90 ft. below top of spur, bears E. and W. Continue over slightly rolling land. General drainage, W.

Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 29, 30, 31, and 32, with brass cap marked

T 11 S | R 23 E
S 30 | S 29
S 31 | S 32
1922

from which

A juniper, 6 ins. diam., bears N. 33° E., 2.05 chs. dist., marked T 11 S R 23 E S 29 B T.

A juniper, 6 ins. diam., bears S. 76½° E., 5.23 chs. dist., marked T 11 S R 23 E S 32 B T.

A juniper, 5 ins. diam., bears S. 53½° W., 1.74 chs. dist., marked T 11 S R 23 E S 31 B T.

A juniper, 6 ins. diam., bears N. 30½° W. 1.07 chs. dist., marked T 11 S R 23 E S 30 B T.

Land, rolling mountainous. General drainage and exposure, W.
Soil, rocky, sandy, clay loam, on shale and sandstone base.
Timber, scattering juniper and pinon.
Undergrowth, shadscale and sagebrush.

From the cor. of secs. 29, 30, 31, and 32.

S. 89° 57' E., on random line, bet. secs. 29 and 32.

40.00 Set temp. ¼ sec. cor.

80.10 Fall 12 lks. N. of the cor. of secs. 28, 29, 32, and 33.

Thence

N. 89° 52' W., on a true line, bet. secs. 29 and 32.

Over broken mountainous land, through scattering timber and undergrowth.

Desc. very slightly over NW. slope.

1.00 Small swale, 5 ft. below sec. cor., drains N. Asc. E. slope.

8.40 Small spur, 70 ft. above small swale, projects N. Desc. W. slope.

16.10 Draw, 70 ft. below top of small spur, drains NE. Asc. E.

Chains.	
	slope.
21.00	Low saddle, 30 ft. above draw, bears N. and S. Continue along S. slope.
29.30	Top of abrupt descent. Desc. over series of sandstone ledges and outcroppings over WSW. slope.
39.00	Foot of abrupt descent, 500 ft. below top of same, bears N. and S. Continue descent over W. slope.
40.05	On W. slope, 25 ft. below bottom of abrupt descent, set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 29 and 32, with brass cap marked ¼ S 29 / S 32 1922 from which A pinon, 6 ins. diam., bears S. 86° E., 86 lks. dist., marked ¼ S 32 B T . A juniper, 7 ins. diam., bears N. 47° W., 1.56 chs. dist., marked ¼ S 29 B T .
55.00	Draw, 35 ft. below the ¼ sec. cor., drains NW. Continue descent along NNE. slope.
80.10	The cor. of secs. 29, 30, 31, and 32, 70 ft. below draw to E.
	Land, broken mountainous. General drainage and exposure: First 21 chs., N. Remainder of mile, W. Soil, rocky, clay loam, on sandstone and shale base. Timber, scattering juniper, pinon, and cedar. Undergrowth, shadscale and sagebrush.
	From the cor. of secs. 29, 30, 31, and 32.
	N. 89° 57' W., on random line, bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
75.70	Fall 2 lks. N. of the cor. of secs. 25, 30, 31, and 36, on the West boundary of the township, hereinbefore described.
	Thence
	S. 89° 58' E., on a true line bet. secs. 30 and 31.
	Over rolling mountainous land through thinly scattering

Chains.

timber and medium undergrowth.

Asc. along general SW. slope, 165 ft. to

35.70 On W. slope of small spur, set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, to bedrock, supported in a mound of stone, for the ¼ sec. cor. of secs. 30 and 31, with brass cap marked

$$\frac{1}{4}\ \frac{\text{S 30}}{\text{S 31}}$$
1922

from which

A cedar, 8 ins, diam., bears N. 30¼° E., 25 lks. dist., marked ¼ S 30 B T .

A cedar, 8 ins. diam., bears S. 49¾° W., 35 lks. dist., marked ¼ S 31 B T .

40.50 Low spur, 45 ft. above the ¼ sec. cor. projects SW. approximately 10 chs. Continue along S. slope.

65.70 Draw, 15 ft. below top of low spur, drains SW. Asc. over gentle W. slope.

75.70 The cor. of secs. 29, 30, 31, and 32, 40 ft. above draw to W.

Land, rolling mountainous. General drainage and exposure, SW.
Soil, rocky, sandy, clay loam, on shale and sandstone base.
Timber, thinly scattering cedar, juniper and pinon.
Undergrowth, shadscale and scattering sagebrush.

From the cor. of secs. 29, 30, 31, and 32.

N. 0° 04' W., bet. secs. 29 and 30.

Over broken mountainous land through scattering timber and undergrowth.

Desc. over NW. slope.

2.50 Draw, 10 ft. below sec. cor., drains SW. Asc. along SE. slope.

29.40 Top of sandstone rimrock, 65 ft. high, 530 ft. above draw, faces S. Continue ascent.

30.00 Ridge, 15 ft. above top of sandstone rimrock, bears WNW. and ESE. Desc. NNE. slope.

Chains.

40.00 On NNE. slope, 110 ft. below top of ridge, set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 29 and 30, with brass cap marked

¼
S 30 | S 29
1922

from which

A pinon, 6 ins. diam., bears N. 35°E., 1.35 chs. dist., marked ¼ S 29 B T .

A pinon, 4 ins. diam., bears N. 46½° W., 52 lks. dist., marked ¼ S 30 B T .

42.00 Head of draw, 40 ft. below the ¼ sec. cor., drains NW. Asc. SW. slope.

54.50 Ridge, 140 ft. above head of draw, bears NW. and SE. Desc. over spur, projecting NNE., thence along W. slope.

75.70 Small draw, 45 ft. below top of ridge, drains NW. Asc. SW. slope.

80.00 On SW. slope, 20 ft. above small draw, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 19, 20, 29, and 30, with brass cap marked

T 11 S | R 23 E.
S 19 | S 20
S 30 | S 29
1922

from which

A juniper, 3 ins. diam., bears N. 47¾° E., 1.09 chs. dist., marked B T only.

A juniper, 3 ins. diam., bears S. 64½° E., 45 lks. dist., marked B T only.

A juniper, 3 ins. diam., bears S. 15¾° W., 1.25 chs. dist., marked B T only.

A juniper, 3 ins. diam., bears N. 9¼° W., 69 lks. dist., marked B T only

Chains.	
	Land, broken mountainous. General drainage and exposure, First 30 chs., SW. Remainder of mile, NW. Soil, rocky, sandy, clay loam, on sandstone and shale bas Timber, scattering juniper, pinon, and cedar. Undergrowth, scattering shadscale and sagebrush.
	From the cor. of secs. 19, 20, 29, and 30.
	S. 89° 52' E., on random line, bet. secs. 20 and 29.
40.00	Set temp. ¼ sec. cor.
80.18	Fall 16 lks. N. of the Cor. of secs. 20, 21, 28, and 29.
	Thence
	N. 89° 45' W., on a true line, bet. secs. 20 and 29.
	Over rolling mountainous land through scattering timber and medium undergrowth.
	Asc. SE. slope.
2.80	Spur, 40 ft. above sec. cor., projects NE. Desc. NW. slope.
5.60	Small draw, 45 ft. below top of spur, drains NE. Asc. SE. slope.
19.00	Top of ascent, 190 ft. above small draw, Break of small mesa bears N. and S. Asc. slightly over same.
24.00	Ridge, 15 ft. above break of small mesa, bears N. and S. Desc. slightly over small mesa.
29.00	Top of descent, 15 ft. below top of ridge. Break of small mesa bears N. and S. Desc. W. slope.
34.00	Draw, 60 ft. below top of descent, drains N. Asc. E. slope.
36.70	Top of ascent, 40 ft. above draw, Continue over top of flat spur, projecting N.
40.09	On top of flat spur, projecting N., set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bed-rock, supported by a mound of stone, for the ¼ sec. cor. of secs. 20 and 29, with brass cap marked

$$\frac{1}{4}\ \frac{S\ 20}{S\ 29}$$
1922

from which

A pinon, 6 ins. diam., bears N. 43° E., 1.49 chs.

Chains.	
	dist., marked ¼ S 20 B T .
	A juniper, 6 ins. diam., bears S. 33¾° W., 87 lks. dist., marked ¼ S 29 B T .
41.00	Leave top of spur. Desc. over gradual W. slope.
43.00	Leave scattering timber, bears N. and S. Enter rolling sagebrush land.
49.90	Draw, 75 ft. below the ¼ sec. cor., drains N. Asc. gentle E. slope.
59.90	Low saddle, in spur projecting NNW., 25 ft. above draw. Desc. very gentle W. slope.
67.40	Draw, 25 ft. below top of low saddle, drains N. Asc. very gentle E. slope.
74.90	Leave sagebrush land. Enter thinly scattering timber, bears N. and S.
78.80	Spur, 45 ft. above draw, projects NNW. Desc. SW. slope.
80.18	The cor. of secs. 19, 20, 29, and 30, on SW. slope, 15 ft. below top of spur.
	Land, rolling and rolling mountainous. General drainage and exposure: First 29 chs., NE. Remainder of mile, NW. Soil, sandy, rocky, on shale and sandstone base. Timber, scattering juniper and pinon along first 43 chs. of mile and along last 5 chs. of mile. Remainder of mile, none. Undergrowth, sagebrush and shadscale.
	From the cor. of secs. 19, 20, 29, and 30.
	N. 89° 58' W., on random line, bet. secs. 19 and 30.
40.00	Set temp. ¼ sec. cor.
75.72	Fall 21 lks. S. of the cor. of secs. 19, 24, 25, and 30, on the West boundary of the township, hereinbefore described.
	Thence
	S. 89° 49' E., on a true line, bet. secs. 19 and 30.
	Over broken mountainous land through scattering timber and undergrowth.
	Desc. NE. slope.
12.60	Draw, 115 ft. below sec. cor., drains N. approximately

Chains.	
	10 chs., thence W. Asc. NW. slope.
17.60	Spur, 35 ft. above draw, projects N. Desc. ENE. slope.
30.70	Draw, 35 ft. below top of spur, drains NNW. Asc. gentle W. slope.
35.72	On gentle W. slope, near foot of abrupt ascent, 35 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 19 and 30, with brass cap marked

$$\frac{1}{4}\ \frac{S\ 19}{S\ 30}$$
1922

from which

A pinon, 8 ins. diam., bears N. 32° W., 45 lks. dist., marked ¼ S 19 B T .

A juniper, 6 ins. diam., bears S. 14½° E., 12 lks. dist., marked ¼ S 30 B T .

37.00	Foot of abrupt ascent, 20 ft. above the ¼ sec. cor., bears NW. and SE. Asc. SW. slope over series of sandstone ledges and outcroppings. Leave scattering timber, bears NW. and SE.
50.70	Top of abrupt ascent, 410 ft. above foot of same. Ridge, bears NW. and SE. Desc. E. slope.
52.20	Head of draw, 15 ft. below top of ridge, drains N. Asc. W. slope. Enter scattering timber, bears N. and S.
57.15	Break of small mesa, 30 ft. above head of draw, bears N. and S. Continue over top of same.
62.20	Break of small mesa, bears N. and S. Desc. E. slope.
70.80	Draw, 60 ft. below top of small mesa, drains N. Asc. SW. slope.
75.72	The cor. of secs. 19, 20, 29, and 30, on SW. slope, 60 ft. above draw to W.

Land, broken mountainous. General drainage and exposure: First 51 chs., NW. Remainder of mile, N.
Soil, rocky, sandy, clay loam, on sandstone and shale base.
Timber, scattering juniper, pinon, and cedar.
Undergrowth, shadscale and scattering sagebrush.

Chains.	
	From the cor. of secs. 19, 20, 29, and 30.
	N. 0° 04' W., bet. secs. 19 and 20.
	Over gently rolling land through very thinly scattering timber and medium undergrowth.
	Asc SW. slope.
3.10	Small spur, 15 ft. above sec. cor., projects NW. Desc. very gradual NE. slope.
29.30	Wash, 2 ft. deep, 10 lks. wide, in bottom of swale, 65 ft. below top of small spur, drains N. 15° E. Continue along gradual E. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 19 and 20, with brass cap marked ¼ S 19 | S 20 1922 from which
	A juniper, 5 ins. diam., bears S. 68¼° E., 49 lks. dist., marked ¼ S 20 B T .
	A juniper, 5 ins. diam., bears N. 46¼° W., 85 lks. dist., marked ¼ S 19 B T .
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 17, 18, 19, and 20, with brass cap marked T 11 S | R 23 E S 18 | S 17 S 19 | S 20 1922 from which
	A juniper, 5 ins. diam., bears N. 77¼° E., 1.70 chs. dist., marked T 11 S R 23 E S 17 B T .
	A juniper, 4 ins. diam., bears S. 70¾° E., 3.25 chs. dist., marked T 11 S R 23 E S 20 B T .
	A juniper, 8 ins. diam., bears S. 29° W., 2.71 chs. dist., marked T 11 S R 23 E S 19 B T .

Chains.	
	A juniper, 5 ins. diam., bears N. 45½° W., 1.98 chs. dist., marked T 11 S R 23 E S 18 B T .
	Land, gently rolling. General drainage and exposure, N. Soil, rocky, sandy, clay loam, on shale and sandstone base. Timber, very thinly scattering juniper. Undergrowth, medium growth of shadscale and sagebrush.
	From the cor. of secs. 17, 18, 19, and 20.
	S. 89° 45' E., on random line, bet. secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
80.24	Fall 12 lks. N. of the cor. of secs. 16, 17, 20, and 21.
	Thence
	N. 89° 40' W., on a true line, bet. secs. 17 and 20.
	Over rolling mountainous land through very thinly scattering timber and medium undergrowth.
	Desc. along N. slope.
2.90	Draw, 20 ft. below sec. cor. drains NE. Asc. SE. slope.
10.60	Top of ascent, 140 ft. above draw, bears NE. and SW. Continue over small mesa along head of draw, draining N. Desc. slightly.
23.50	Ridge, 20 ft. below top of ascent, bears NW. and SE. Desc. SW. slope.
35.20	Draw, 60 ft. below top of ridge, drains N. Asc. gentle E. slope.
40.12	On gentle E. slope, 20 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 17 and 20, with brass cap marked ¼ S 17 / S 20 1922
	from which
	A juniper, 7 ins. diam., bears S. 19½° W., 1.37 chs. dist., marked ¼ S 20 B T .
	A juniper, 9 ins. diam., bears N. 8° W., 1.58 chs. dist., marked ¼ S 17 B T .

Chains.	
40.30	Top of low ridge, 20 ft. above the ¼ sec. cor., bears N. and S. Desc. very gradual W. slope.
50.30	Wash, 5 ft. deep, 15 lks. wide, in bottom of draw, 30 ft. below top of low ridge, drains N. Asc. gentle E. slope.
65.30	Top of low ridge, 45 ft. above wash, bears NNW. and SSE. Desc. W. slope.
70.20	Wash, 5 ft. deep, 20 lks. wide, in bottom of draw, 30 ft. below top of low ridge, drains N. Asc. gentle E. slope.
80.24	The cor. of secs. 17, 18, 19, and 20, on gentle E. slope, 20 ft. above wash.
	Land, rolling mountainous. General drainage and exposure, N.
	Soil, rocky, sandy, clay loam, on shale and sandstone base.
	Timber, very thinly scattering juniper.
	Undergrowth, medium growth of sagebrush and shadscale.
	From the cor. of secs. 17, 18, 19, and 20.
	N. 89° 49' W., on random line, bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
75.53	Intersect the cor. of secs. 13, 18, 19, and 24, on the West boundary of the township, hereinbefore described.
	Thence
	S. 89° 49' E., on a true line, bet. secs. 18 and 19.
	Over broken, rolling mountainous land through scattering timber and medium undergrowth.
	Desc. NE. slope.
7.00	Draw, 25 ft. below sec. cor., drains NNW. Asc. WSW. slope.
10.00	Spur, 55 ft. above draw, projects N. Desc. E. slope.
16.90	Draw, 240 ft. below top of spur, drains N. Asc. rocky W. slope over sandstone ledges.
19.60	Top of sandstone ledge, 60 ft. high, 120 ft. above draw, faces W. Continue ascent.
23.20	Ridge, 55 ft. above top of sandstone ledge, bears N. and SSE. Desc. ENE. slope.
26.10	Head of draw, 20 ft. below top of ridge, drains N. Asc. W. slope.

Chains.	
31.70	Spur, 55 ft. above head of draw, projects N. Desc. E.
35.53	On E. slope, 30 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bed rock, supported by a mound of stone, for the ¼ sec. cor. of secs. 18 and 19, with brass cap marked ¼ S 18 / S 19 1922 from which A juniper, 7 ins. diam., bears S. 34° E., 67 lks. dist., marked ¼ S 19 B T . A juniper, 7 ins. diam., bears N. 37° W., 84 lks. dist., marked ¼ S 18 B T .
38.10	Draw, 45 ft. below the ¼ sec. cor., drains N. Asc. rocky W. slope.
43.70	Spur, 50 ft. above draw, projects NNE. Desc. ESE. slope.
50.20	Draw, 85 ft. below top of spur, drains N. Asc. rocky W. slope.
53.60	Spur, 80 ft. above draw, projects NNE. Desc. E. slope.
59.50	Draw, 35 ft. below top of spur, drains N. Asc. W. slope.
72.50	Ridge, 90 ft. above draw, bears N. and S. Desc. gentle E. slope.
75.53	The cor. of secs. 17, 18, 19, and 20, on gentle E. slope, 25 ft. below top of ridge.

Land, broken, rolling mountainous. General drainage and exposure: First 72½ chs., NW. Remainder of mile, N.
Soil, rocky, sandy, on sandstone and shale base.
Timber, scattering juniper and pinon.
Undergrowth, medium growth of shadscale and sagebrush.

From the cor. of secs. 17, 18, 19, and 20.

N. 0° 04' W., bet. secs. 17 and 18.

Over rolling land through very thinly scattering timber and medium undergrowth.

Along gentle E. slope.

15.00	Foot of slight ascent, bears NE. and SW. Asc. very gentle SE. slope.

Chains.

21.10 Low spur, 20 ft. above sec. cor., projects NE. Desc. very gradually over general N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 17 and 18, with brass cap marked

¼
S 18 | S 17
1922

from which

A juniper, 4 ins. diam., bears N. 30° E., 52 lks. dist., marked ¼ S 17 B T .

A juniper, 4 ins. diam., bears N. 18¾° W., 2.00 chs. dist., marked ¼ S 18 B T .

66.90 Draw, 55 ft. below the ¼ sec. cor., drains NNE. Continue along bottom land.

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

T 11 S | R 23 E
S 7 | S 8
S 18 | S 17
1922

from which

A juniper, 3 ins. diam., bears S. 45½° W., 1.05 chs. dist., marked B T only.

A juniper, 3 ins. diam., bears N. 62½° W., 1.92 chs. dist., marked B T only.

No other bearing trees available. Raise a mound of stone, 2½ ft. base, 1½ ft. high, to W. of cor.
Land, rolling. General drainage and exposure, N.
Soil, rocky, sandy, clay loam, on shale and sandstone base.
Timber, very thinly scattering juniper.
Undergrowth, medium growth of shadscale and sagebrush.

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

S. 89° 40' E., on random line, bet. secs. 8 and 17.

40.00 Set temp. ¼ sec. cor.

80.38 Fall 2 lks. N. of the cor. of secs. 8, 9, 16, and 17.

Thence

Chains.

N. 89° 39' W., on a true line, bet. secs. 8 and 17.
Over rolling mountainous land through thinly scattering timber and medium undergrowth.
Desc. NW. slope.

3.10 Draw, 50 ft. below sec. cor., drains NE. Asc. rocky ESE. slope.

12.50 Spur, 160 ft. above draw, projects N. Desc. slightly over mesa.

19.00 Top of abrupt descent, 10 ft. below top of spur. Desc. W. slope.

35.90 Wash. 6 ft. deep, 20 lks. wide, in bottom of draw, 150 ft. below top of abrupt descent, drains NNE. Asc. rocky E. slope.

40.19 On rocky E. slope, 40 ft. above wash, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 8 and 17, with brass cap marked

$$\frac{1}{4}\ \frac{\text{S 8}}{\text{S 17}}$$
1922

from which

A juniper, 8 ins. diam., bears S. 37° W., 97 lks. dist., marked ¼ S 17 B T .

A juniper, 10 ins. diam., bears N. 15° W., 40 lks. dist., marked ¼ S 8 B T .

42.30 Top of sandstone ledge, 30 ft. high, 105 ft. above the ¼ sec. cor., faces SE. Break of mesa, bears NE. and SW. Continue over same.

62.30 Break of mesa, bears N. and S. Desc. W. slope.

73.10 Wash, 5 ft. deep 20 lks. wide, in bottom of draw, 95 ft. below break of mesa, drains NNW approximately 5 chs., thence NW. Asc. gentle E. slope.

80.38 The cor. of secs. 7, 8, 17, and 18, on gentle E. slope, 20 ft. above wash.

Land, rolling mountainous. General drainage and exposure, N.
Soil, rocky, sandy, on shale and sandstone base.

Chains.	
	Timber, thinly scattering juniper and pinon. Undergrowth, medium growth of shadscale and sagebrush.
	From the cor. of secs. 7, 8, 17, and 18.
	N. 89° 49' W., on random line, bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
75.42	Fall 16 lks. S. of the cor. of secs. 7, 12, 13, and 18, on the West boundary of the township, hereinbefore described.
	Thence
	S. 89° 42' E., on a true line, bet. secs. 7 and 18.
	Over rolling mesa through medium undergrowth.
34.40	Enter scattering timber, bears N. and S.
35.42	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 7 and 18, with brass cap marked ¼ S 7 / S 18 1922 from which A juniper, 6 ins. diam., bears S. 14° W., 1.94 chs. dist., marked ¼ S 18 B T . A juniper, 4 ins. diam., bears N. 38° W., 1.13 chs. dist., marked ¼ S 7 B T .
39.50	Top of descent, bears N. and S. Desc. E. slope.
49.40	Draw, 85 ft. below top of descent, drains NNE. Asc. gentle W. slope.
55.70	Small spur, 50 ft. above draw, projects NNE. Desc. E. slope.
61.70	Head of small draw, 50 ft. below top of small spur, drains N. Asc. W. slope.
65.40	Spur, 25 ft. above head of small draw, projects N. Desc. gentle E. slope.
75.42	The cor. of secs. 7, 8, 17, and 18, on gentle E. slope, 35 ft. below top of spur.
	Land, rolling mesa. General drainage and exposure, NNE.

Chains.	
	Soil, rocky, sandy, on shale and sandstone base. Timber, thinly scattering juniper along last 40 chs. of mile. Remainder of mile, none. Undergrowth, medium growth of shadscale and sagebrush.
	From the cor. of secs. 7, 8, 17, and 18.
	N. 0° 04' W., bet. secs. 7 and 8.
	Over rolling land through medium undergrowth.
8.00	Wash, 5 ft. deep, 20 lks. wide, 10 ft. below sec. cor., drains NW. Asc. SW. slope.
15.00	Top of spur, 70 ft. above wash, projects NW. Desc. very gentle NE. slope. Enter scattering timber, bears E. and W
27.00	Small swale, 20 ft. below top of spur, drains NW. Continue over rolling land.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 7 and 8, with brass cap marked ¼ S 7 | S 8 1922 from which A juniper, 3 ins. diam., bears N. 34½° E., 1.70 chs. dist., marked B T only. A juniper, 3 ins, diam., bears N. 38¼° W., 2.59 chs. dist., marked B T only.
60.00	Low spur, 40 ft. above the ¼ sec. cor., projects NW. Desc. very gentle NE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 5, 6, 7, and 8, with brass cap marked T 11 S R 23 E S 6 | S 5 S 7 | S 8 1922 from which A juniper, 3 ins. diam., bears N. 24° E., 1.28 chs. dist., marked B T only.

Chains.	
	A juniper, 3 ins. diam., bears S. 6¼° E., 1.27 chs. dist., marked B T only.
	A juniper, 3 ins. diam., bears S. 20¾° W., 2.27 chs. dist., marked B T only.
	A juniper, 6 ins. diam., bears N. 29° W., 1.01 chs. dist., marked T 11 S R 23 E S 6 B T .
	Land, rolling. General drainage and exposure, NNW. Soil, rocky, sandy, on shale and sandstone base. Timber, thinly scattering juniper along last 65 chs. of mile. Remainder of mile, none. Undergrowth, medium growth of shadscale and sagebrush.
	From the cor. of secs. 5, 6, 7, and 8.
	S. 89° 39' E., on random line, bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.24	Fall 5 lks. S. of the cor. of secs. 4, 5, 8, and 9.
	Thence
	N. 89° 41' W., on a true line, bet. secs. 5 and 8.
	Over broken mountainous land through scattering timber and medium undergrowth.
	Asc. E. slope.
3.30	Spur, 20 ft. above sec. cor. projects N. 5° E. Desc. along SW. slope.
22.30	Draw, 75 ft. below top of spur, drains NNW. Asc. ESE. slope.
40.12	On ESE. slope, 140 ft. above draw, set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 5 and 8, with brass cap marked

$$\frac{1}{4}\ \frac{\text{S 5}}{\text{S 8}}$$
1922

from which

A juniper, 5 ins. diam., bears N. 6½° E., 5 lks. dist., marked ¼ S 5 B T .

A juniper, 4 ins. diam., bears S. 20° W., 2 lks. dist., marked ¼ S 8 B T .

Chains.

44.79 Ridge, 20 ft. above the ¼ sec. cor., bears N. and S. Desc. gentle NW. slope. Leave broken mountainous land. Enter rolling plateau. Leave scattering timber, bears N. and S.

74.24 Draw, 100 ft. below top of ridge, drains NW. Asc. along gentle NE. slope.

7[illegible] Enter thinly scattering timber, bears NW. and SE.

80.24 The cor. of secs. 5, 6, 7, and 8, on gentle NE. slope, 45 ft. above draw to E.

Land: First 45 chs., broken mountainous. Remainder of mile, rolling plateau.
Soil, rocky, sandy, on shale and sandstone base.
Timber: Scattering juniper along first 45 chs. and last 2½ chs. of mile. Remainder of mile, none.
Undergrowth, medium growth of shadscale and sagebrush.

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

N. 89° 42' W., on random line, bet. secs. 6 and 7.

40.00 Set temp. ¼ sec. cor.

75.1[illegible] Fall 5 lks. S. of the cor. of secs. 1, 6, 7, and 12, on the West boundary of the township, hereinbefore described.

Thence

S. 89° 40' E., on a true line, bet. secs. 6 and 7.

Over rolling plateau through scattering undergrowth.

Asc. very gentle SW. slope.

7.69 Spur, 35 ft. above sec. cor., projects NW. Desc. very slight NNE. slope.

30.10 Shallow draw, 20 ft. below top of spur, drains N. Asc. NW. slope. Enter scattering timber, bears N. and S.

35.15 On W. slope, 10 ft. above shallow draw, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 6 and 7, with brass cap marked

S 6
¼
S 7
1922

from which

Chains.	
	A juniper, 3 ins. diam., bears N. 4° E., 83 lks. dist., marked B T only.
	A juniper, 5 ins. diam., bears S. 70¼° E., 2.62 chs. dist., marked ¼ S 7 B T .
41.20	Spur, 95 ft. above the ¼ sec. cor., projects NNE. Desc. ESE. slope.
47.70	Draw, 105 ft. below top of spur, drains N. Asc. NW. slope.
55.40	Short spur, 100 ft. above draw, projects N. Desc. NE. slope.
60.80	Draw, 50 ft. below top of spur, drains NNW. Wash, 5 ft. deep, 20 lks. wide, in bottom of same. Asc. SSW. slope.
67.70	Spur, 85 ft. above draw, projects NW. Desc. gentle NE. slope.
75.15	The cor. of secs. 5, 6, 7, and 8, on gentle NE. slope, 10 ft. below top of spur to W.

Land, rolling plateau. General drainage and exposure, N.
Soil, rocky, sandy, clay loam, on shale and sandstone base.
Timber, thinly scattering juniper along last 45 chs. Remainder of mile, none.
Undergrowth, scattering sagebrush and shadscale.

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

N. 0° 04' W., on a true line, bet. secs. 5 and 6.

Over rolling mountainous land through scattering timber and undergrowth.

Desc. over gradual NE. slope.

9.00	Draw, 55 ft. below sec. cor., drains NW. Asc. SW. slope.
38.45	Spur, 50 ft. above draw, projects W. Desc. N. slope.
40.00	On N. slope, 20 ft. below top of spur, set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, to bedrock, supported by a mound of stone, for the ¼ sec. cor. of secs. 5 and 6, with brass cap marked

¼

S 6 | S 5

1922

Chains.

from which

A juniper, 3 ins. diam., bears S. 50° E., 1.11 chs. dist., marked B T only.

A juniper, 4 ins. diam., bears S. 81¼° W., 1.26 chs. dist., marked ¼ S 6 B T.

52.50 Draw, 35 ft. below the ¼ sec. cor., drains W. Asc. S. slope.

55.00 Ridge, 20 ft. above draw, bears NW. and SE. Desc. NE. slope.

87.84 Intersect the Second Standard Parallel South, 10.29 chs. N. 89° 52' E. of the standard township cor. of T. 10 S., Rs. 22 and 23 E., hereinbefore described. At point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the closing sec. cor. of secs. 5 and 6, with brass cap marked

T 10 S R 23 E
S 31

S 6	S 5
T 11 S	R 23 E
C	C
1922	

from which

A juniper, 6 ins. diam., bears S. 63° E., 1.75 chs. dist., marked T 11 S R 23 E S 5 C C B T.

A juniper, 7 ins. diam., bears S. 9¾° W., 78 lks. dist., marked T.11 S R 23 E S 6 C C B T.

Land, rolling mountainous. General drainage and exposure: First 55 chs., NW. Remainder of mile, NE.
Soil, rocky, sandy, clay loam, on shale and sandstone base.
Timber, scattering juniper.
Undergrowth, scattering shadscale and sagebrush.

Retracement of Bodily Lode Claim, Mineral Survey No. 5233 in sec. 12, T.11 S.,R.23 E.

Chains	
	In order to properly close the survey of sec. 12 which is invaded by Mineral Survey Nos. 5232, 5233 and 5234, I make the following retracements of survey No. 5233.
	I begin at cor. No. 1, Bodily Lode, identical with cor. No. 4, Hatch Lode, which is a pinon post, 6 ins. square at the top, firmly set in a moundof stone and earth and extending 30 ins. above the mound, marked 1-5233 on NW. and 4-5232 on SE. face.
	Thence
	N.59°00'W.(computed) on retracement line along line 1-4 of the Bodily Claim.
22.69	Fall 19 lks. to the left or S.30°W. of cor. No.4, Bodily Claim, identical with cor. No. 1, Summit Claim, survey No. 5234, which is a pinon post, 4 x 5 ins. at the top, firmly set in a mound of stone and earth, 30 ins. above the mound, marked 4-5233 on SE. and 1-5234 on NW. face.
	The course of line 1-4 of the Bodily Claim is therefore N.58°31'W., and the distance is 22.69 chs.

	Thence
	From cor. No.4, Bodily Claim.
	S.32°03'W., on retracement line along line 4-3, of the Bodily Claim.
4.56½	Intersect cor. No. 3 of the Bodily Claim, identical with cor. No. 2 of the Summit Claim, which is a pinon post, 5 x 5 ins. square at the top, firmly set in a moundof stone and earth, extending 30 ins. above the mound, marked 3-5233 on NE. and 2-5234 on NW. face.
	The course of line 4-3 of the Bodily Claim is therefore S.32°03'W. and the distance is 4.56½ chs.
	---

chains

Thence from cor. No. 3, Bodily Claim.

S.58°28'E.,(computed) on retracement line along line 3-2 of the Bodily Claim.

22.69 Fall 3½ lks. to the left or N.31°32'E. of cor. No. 2 Bodily Claim, identical with cor. No.3, Hatch Claim, survey No.5232, which is a pinon post, 6 ins. square, firmly set in a moundof stone and earth, extending 30 ins. above the mound, marked 2-5233 on NW. and 3-5232 on NE. face.

The course of line 3-2 of the Bodily Claim is therefore S.58°22'E. and the distance is 22.69 chs.

Thence

From cor. No. 2 Bodily Claim.

N.32°03'E., on retracement line along line 2-1 of the Bodily Claim.

4.51 Intersect cor. No. 1, Bodily Claim, identical with cor. No. 4 of Hatch Claim, heretofore described.

The course of line 2-1 of the Bodily Claim is therefore N.32° 03' E. and the distance is 4.51 chs.

Boundaries of T. 11 S., R. 23 E.

Latitudes, departures and closing errors.

Lines designated	True bearing	Distances	Latitudes N.	Latitudes S.	Departures E.	Departures W.
		Chs.	Chs.	Chs.	Chs.	Chs.
E.bdy.T.11 S., R. 23 E.	N.0°03'W.	8.09	8.09			.01
"	North	40.08	40.08			
"	N.0°13'E.	40.26	40.26		.15	
"	N.0°12'E.	40.34	40.34		.14	
"	N.0°01'E.	40.08	40.08		.01	
"	N.0°03'E.	39.94	39.94		.04	
"	N.0°06'W.	40.01	40.01			.07
"	N.0°20'E.	40.38	40.38		.24	
"	N.0°06'W.	39.93	39.93			.07
"	N.0°05'W.	39.96	39.96			.06
"	N.0°08'W.	40.19	40.19			.09
"	N.0°18'W.	40.16	40.16			.21
"	N.0°23'W.	39.83	39.83			.27
Second Standard Parallel South through R. 23 E.	West	11.01				11.01
"	West	39.98				39.98
"	West	40.02				40.02
"	S.89°59'W.	39.95		.01		39.95
"	West	39.98				39.98
"	S.89°58'W.	40.04		.02		40.04
"	N.89°56'W.	39.92	.05			39.92
"	N.89°59'W.	40.00	.01			40.00
"	S.89°55'W.	40.00		.06		40.00
"	S.89°55'W.	39.85		.06		39.85
"	S.89°52'W.	40.06		.09		40.06
"	S.89°51'W.	40.29		.11		40.29
"	N.89°51'W.	24.70	.06			24.70
W.bdy.T.11 S., R. 23 E.	South	487.72		487.72		
S.bdy.T.11 S., R. 23 E.	S.89°57'E.	476.03		.41	476.03	
Convergency						.61
Totals			489.37	488.48	476.61	477.19
			488.48			476.61
Error in latitude			.89			
Error in departure						.58

General description

The watershed, or divide, between Asphalt Wash and Bitter Creek, enters the township approximately two and one quarter miles West of the Southeast cor. and extends North about one half mile. The divide, at this point, forms two well defined watersheds. One extending in a Northeasterly direction leaving the township a few chains West of the NE. cor. The other extends in a Northwesterly direction crossing the West boundary a few chains South of the cor. of secs. 7, 12, 13, and

18. The land to the East of the first mentioned watershed breaks off abruptly about 400 ft. over a very prominent Southeasterly exposure of sandstone and shale ledges. From the foot of this abrupt descent the land slopes gently to the Southeast, to the West Fork of Asphalt Wash, which enters the township about 50 chains West of the SE. cor., draining North approximately three miles, thence Northeast, crossing the East boundary of the township about 13 chains North of the ¼ sec. cor. of sec. 13, with that portion of the township to the Southeast draining NW. into same. The lands to the West and North of the main divides mentioned are drained by three large draws. Atchee's Draw, which heads in sec. 27, drains North leaving the township near the Northeast cor. of sec. 3. Saddle Tree Draw, which heads in sec. 33, drains North leaving the township near the Northeast cor. of sec. 5. The other draw, local name unknown, heads in sec. 29 and drains North leaving the township near the ¼ sec. cor. on the North boundary of sec. 6. All of these draws drain North into White River. The lands to the Southwest are drained by a series of small draws draining West and Northwest into Bitter Creek. The largest of these heads in sec. 34 and drains Westerly along the South boundary, leaving the township about 16 chains North of the Southwest cor.

The lands in the Southeast cor. of the township, which drain into the West Fork of Asphalt Wash are low rolling and rolling mountainous. Proceeding North the country becomes more broken and in the Northeast cor. the lands are rough mountainous. The South central and central portion of the township is high rolling mountainous. That portion of the township draining into Atchee's Draw and Saddle Tree Draw, in the Northern part is very rough and broken. The lands in the

Northwest cor. of the township are high rolling plateau. The land in the Southwest cor. of the township breaks off abruptly to the Southwest and is of a mountainous character.

The soil is a mixture of sand and clay loam on a sandstone and shale base, which, in most places, is very near the surface. The greater part of the township is very rocky and none of the land is suitable for farming. The rock is sandstone and shale with a very little limestone in places.

There is a scattering growth of small juniper, pinon, and cedar, over a greater part of the township, the growth being more dense in the higher lands in the South central part and gradually becoming more scattering as the lands change from rolling to broken in character. None of this timber is of any commercial value at the present time, except for fire wood. There is a medium growth of shadscale and sagebrush over most of the township.

There are three veins of gilsonite bearing in a Northwesterly and Southeasterly direction across the Northeast cor. of the township. These veins are narrow, being from eighteen inches to three feet in width. No surface indications of other minerals were found.

No water was found in the township.

There are no settlers in the township. There is a partly finished stone house in sec. 11, but that, apparently, has been abandoned.

The Southern and Western part of the township is good winter range for sheep. That and gilsonite mining in the Northeastern part of the township are the chief industrial possibilities.

The magnetic declination is 16° 00' E.

Ralph W. Hodge, U.S. Transitman. Robert Olmutt, U.S. Transitman. Harold J. Paul, U. S. Transitman.

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BOOK A-460

4—680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Samuel Brooks	Principal Assistant.
Glen T. Blake	Principal Assistant.
Edward W. Hoopes	Principal Assistant.
Sherman Christenson	Assistant Chainman.
Merlin A. Dalby	Assistant Chainman.
Theodore R. Hoopes	Assistant Chainman.
Willis T. Rich	Flagman.
Earl Leach	Flagman.
Frank Smith	Cornerman.
Carl Wilburn	Cornerman.
Thomas Kain	Principal Assistant.
Lewis Reppell	Assistant Chainman.

6—2764

CERTIFICATE OF UNITED STATES ~~SURVEYOR~~

We ~~I~~ Ralph W. Hodge, Robert C. Yundt, and Harold S. Paul, ~~U. S. Surveyor~~ U.S. Transitmen, ~~Transitman~~, hereby certify upon honor that ~~I~~ we have executed the work described in the field notes of special instructions received from the U. S. Surveyor General for Utah, bearing date of the second day of June, 1922, ~~I~~ we have well, faithfully, and in ~~my~~ our own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, ~~[illegible]~~

Retraced the Second Standard Parallel South through R. 23 E.;
Established ¼ sec. cors. on the North boundary of T. 11 S., R. 23 E.;
Resurveyed the East boundary of T. 11 S., R. 23 E.; and
Surveyed the West boundary and subdivisions of T. 11 S., R. 23 E.

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

Ralph W. Hodge U.S. Transit[illegible]
Robert C. Yundt U.S. ~~H Transit~~[illegible]
Harold S. Paul U.S. Transit[illegible]

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah Sept. 29, 19 2[illegible]

The foregoing field notes of the survey of Retracement of the Second Standard Parallel South Through Range 23 East. Establishment of ¼ sec. Cors. on the North Boundary of Township 11 South, Range 23 East. Resurve[illegible] of the East Boundary of Township 11 South, Range 23 East. Survey of the West Boundary and Subdivisions of Township 11 South Range 11 Ea[illegible]

executed by Ralph W. Hodge; Robert C. Yundt; and Harold S. Paul under his special instructions dated June 2, 19 23 having be[illegible] critically examined, and the necessary corrections and explanations made, the said field notes, and the surve[illegible] they describe, are hereby approved.

E. A. Dowson
U. S. Surveyor Gener[illegible]

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

6—2764

U. S. Surveyor G[illegible]

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Page

4—679

BOOK A-460 A

U. S. Surveyor General's Office
MAR 10 1923
SALT LAKE CITY, UTAH

FIELD NOTES

OF THE SURVEY OF THE

WEST, SOUTH AND EAST BOUNDARIES AND SUBDIVISION

OF

T. 32 S., R. 12 E.

Of the SALT LAKE BASE AND *Meridian,*

In the State of UTAH

EXECUTED BY

ELLIOT BIRD

AND

ELMER L SMITH

and U. S. Transitman

In the capacity of U. S. Surveyor, under instructions dated March 8, *19* 22, *issued by the United States Surveyor General to govern surveys included in Group No.* 125, *which were approved by the Commissioner of the General Land Office,* March 20, *19* 22 and assignment instructions dated Sept. 28, 1922.

Survey commenced September 22, *19* 22

Survey completed November 19, *19* 22

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F.I.S. F.M.S.

V.I.F.

F.M.S. K.F.B. BOOK A-460

INDEX DIAGRAM.

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DATE DIAGRAM OF T. 32 S., R. 12 E.

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

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

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

Survey commenced September 22, 1922, and executed with Young and Sons light mountain transits, Nos. 8531, used by Elliot Bird, U. S. Surveyor, and 8589 used by Elmer L Smith, U. S. Transitman, each being equipped with Smith Solar attachments and full vertical circles. The horizontal limbs are provided with two opposite verniers, reading to 1' of arc, which is also the least count of the verniers of the latitude and declination arcs and the vertical circles.

The instruments were examined, tested on the true meridian at Salt Lake City, Utah, found correct, and were

approved for use on this survey by the Assistant Supervisor of Surveys for district No. 6, conditional upon satisfactory field test, in assignment instructions dated Sept. 28, 1922.

We examine the adjustments of the transits, and correct the level and collimation errors; then to test the solar apparatuses by comparing their indications, resulting from solar observations made during a. m. and p. m. hours, with a meridian determined by observations on Polaris, we proceed as follows:

Test of Instrument No. 8531 by Elliot Bird,
U. S. Surveyor.

Sept. 21, 1922: At my camp near the center of sec. 5, T. 32 S., R. 12 E., S. L. Base and Mer., Utah, in latitude 38°04' N., long. 110°40' W., at 7h 37m 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 peg driven firmly in the ground, 5 chs. N.

Azimuth of Polaris at eastern elongation = 1°24'44".

Sept. 22: I lay off the azimuth of Polaris, 1°25', to the west, and mark the meridian thus determined, by a nail in a peg driven firmly in the ground, 5 chs. N.

At 8h 0m a. m. app. t., with the transit in the meridian, I set off 38°04' N. on the latitude arc; 0°29'30" N., on the declination arc; and determine a meridian with the solar which I find to agree with the true meridian.

At app. noon, 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	52° 21' 00"
Reduced latitude	38° 04' 00"
Mean watch time of observation	11h 55m 30s
Watch fast of l. m. t.	0h 02m 34s

At app. noon with the latitude arc unchanged, I observe the sun on the meridian ; the resulting reading of the declination arc is 0°25' N., which agrees with the computed declination of the sun.

At 4h 0m p. m., app. t., with the latitude arc unchanged, I set off 0°21'30" N., on the declination arc; and determine a meridian with the solar which I find to agree with the true meridian.

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

Test of Instrument No. 8589 by Elmer L Smith,
U. S. Transitman.

Oct. 29, 1922: At 8h 0m a. m., app. t., with the transit in the meridian determined by Polaris observations Sept. 21, 1922, heretofore described, I set off 38°04' N., on the latitude arc; 13°17' S. on the declination arc; and determine a meridian with the solar which I find to agree with the true meridian.

At app. noon, with the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is 13°22' S., which agrees with the computed declination of the sun.

At 4 h 0m p. m., app. t., with the latitude arc unchanged, I set off 13°24' S., on the declination arc; and determine a meridian with the solar which I find to agree with the true meridian.

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

Both instruments were kept in good adjustment during the progress of this survey, frequent tests being made on the true meridian obtained by Polaris observations heretofore described.

Nov. 19, 1922: At the completion of the survey of this township, we make final test of both instruments as follows:

At 8h 0m a. m., app. t., with both instruments in the meridian determined by observations on Polaris hertofore described, we set off 38°04' N., on the latitude arcs; 19°18'30" S., on the declination arcs; and determine a meridian with the solars which we find to agree with the true meridian.

At app. noon, with the latitude arcs unchanged, we observe the sun on the meridian; the resulting reading of the declination arcs is 19°24' S., which agrees with the computed declination of the sun.

At 4h 0m p. m., app. t., with the latitude arcs unchanged, we set off 19°24' S., on the declination arcs; and determine a meridian with the solars which we find to agree with the true meridian.

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

Measurements.

Unless otherwise specified, all measurements were made with Lallie steel ribbon tapes, 5 chs. and 8 chs. in length, compared with a Lufkin standard steel tape 1 ch. in length and found correct. The measurements were made on the slope, the vertical angle determined and

Chains

the slope measurements properly reduced to the true horizontal distances.

Survey of the west boundary of T. 32 S., R. 12 E.

From the cor. of Ts. 32 and 33 S., Rs. 11 and 12 E., which is an iron post, 3 ins. in dia., firmly set in the ground, heretofore described in the field notes pertaining to the survey of T. 33 S., R. 11 E. of this group.

North on a random line along the west boundary of the township setting temporary points at intervals of 40.00 chains.

481.20 Fall 115 lks. west of the cor. of Ts. 31 and 32 S., Rs. 11 and 12 E. which is an iron post, 3 ins. in dia., firmly set in the ground, with brass cap marked

T31S
R11E | R12E
S36 | S31
S1 | S6
T32S
1922

and witnessed by a mound of stone, 2 ft. base, 1½ ft. high, south of corner.

The bearing of this line is, therefore, N. 0°08' E.

Thence,

From the cor. of Ts. 31 and 32 S., Rs. 11 and 12 E., S. 0°08' W. on true line between secs. 1 and 6.

Over rough mountainous land thru scattering undergrowth of shadscale and blackbrush.

Ascend gentle NE. slope of spur.

13.90 Spur, 40 ft. high, projects SE. Descend gradually.

20.60 Draw, 20 ft. below spur, drains E. Ascend gradually.

41.20 At base of abrupt ascent, bears E. and W., 65 ft. above draw, set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground to bedrock and supported by a mound of

stone, for the ¼ sec. cor., with brass cap marked

¼
S1 | S6
1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

48.00 Ridge, 245 ft. above the ¼ cor., bears E. and W. Descend abruptly.

73.30 Road, at base of abrupt descent, bears W. to South Mountain and E. to Hanksville, Utah.

74.90 North Wash, 1.00 chs. wide, 4 ft. deep, 160 ft. below ridge, drains east. Stream of good clear water, 3 lks. wide, 3 ins. deep, in bottom of wash, flows E. Scattering growth of cottonwood trees along wash.

81.20 On north side of wash, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 1, 6, 7 and 12, with brass cap marked

T32S
R11E | R12E
S1 | S6
S12 | S7
1922

From which

A cottonwood, 14 ins. in dia., bears S. 23° E., 51 lks. dist., marked T32S R12E S7 BT

A cottonwood, 14 ins. in dia., bears S. 27° W., 29 lks. dist., marked T32S R11E S12 BT

No other bearing trees available.

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

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

Soil, shallow sandy loam mixed with blue shale lying on sandstone bedrock.

Undergrowth, scattering shadscale and blackbrush.

Chains	
	Timber, scattering cottonwood along bottom of North Wash. Fair grazing.
	S. 0°8' W., between secs. 7 and 12.
	Ascend abruptly over rough mountainous land thru scattering cedar and pinon timber and scattering undergrowth of shadscale and blackbrush.
14.90	Ridge, 230 ft. above sec. cor., bears E. and W.. Descend abruptly.
40.00	On steep E. slope, 130 ft. below ridge, set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground over a cross (x) on sandstone bedrock, and supported by a mound of stone, with brass cap marked

$\frac{1}{4}$

S12 | S7

1922

No bearing trees available.

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

53.20	Draw, 15 ft. below sec. cor., drains N. 20° E. Ascend abruptly.
73.70	Enter broken top of spur, bears E. and W.
74.50	Top of spur, 300 ft. above draw, projects west.
76.70	Leave broken top of spur, bears E. and W.
80.00	On broken S. slope of spur, 60 ft. below top, mark a cross (x) on solid sandstone surfacerock over which set an iron post, 3 ft. long, 2 ins. in dia., in a mound of stone for the cor. of secs. 7, 12, 13 and 18, with brass cap marked

T32S

R11E | R12E

S12 | S7

S13 | S18

1922

No bearing trees available.

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

Chains

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

Soil, shallow, sandy loam mixed with blue shale lying on sandstone bedrock.

Timber, scattering cedar and pinon.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

S. 0°08' W. between secs. 13 and 18.

Descend steep S. slope of spur thru scattering cedar and pinon timber and scattering undergrowth of shadscale and blackbrush.

6.70 Draw, 100 ft. below sec. cor., drains NW. Ascend abruptly.

15.20 Spur, 140 ft. above draw, projects W. Descend gradually.

20.20 Draw, 60 ft. below spur, drains NW. Ascend abruptly.

36.40 Enter rolling top of ridge, 230 ft. above draw, bears E. and W. Thence, over rolling top of ridge.

40.00 On rolling top of ridge, set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground to bedrock and supported by a mound of stone, for ¼ sec. cor., with brass cap marked

¼

S13 | S18

1922

No bearing trees available.

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

48.70 Leave rolling top of ridge, bears E. and W. Descend gradually.

68.50 Descent becomes abrupt, bears E. and W.

79.60 Gulch, 400 ft. below top of ridge, drains S. 20° W. Ascend. gradual NW. slope.

80.00 On NW. slope, 10 ft. above bottom of gulch and at the base of a sandstone ledge 20 ft. high bearing N. and S., mark a cross (x), on solid sandstone surfacerock, at the exact corner point, over which set an iron post, 3 ft. long, 2 ins. in dia., in a mound of stone for the cor.

Chains

of secs. 13, 18, 19 and 24, with brass cap marked

T32S
R11E | R12E
S13 | S18
S24 | S19
1922

No bearing trees available.

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

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

Soil, shallow, sandy loam mixed with blue shale lying on sandstone bedrock.

Timber, scattering cedar and pinon.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

S. 0°08' W. between secs. 19 and 24.

Ascend abruptly over broken N. slope of spur thru scattering cedar and pinon timber and scattering undergrowth of shadscale and blackbrush.

2.20 Spur, 30 ft. above sec. cor., projects west. Descend gradually.

12.20 Cottonwood Wash, 5 lks. wide, 10 ft. deep, 60 ft. below spur, drains east. A small stream of good clear water, 3 lks. wide and 3 ins. deep, in bottom of wash, flows east. Ascend abruptly over broken N. slope.

33.80 Top of rimrock, 400 ft. above wash, bears NW. and SE. Ascend gradually.

40.00 On top of ridge bearing NW. and SE., 45 ft. above top of rimrock, 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
S24 | S19
1922

No bearing trees available.

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner. Descend gradually.

Chains	
74.50	Descent becomes abrupt, bears E. and W.
79.50	Draw, 40 ft. below ¼ sec. cor., drains SW. Continue descent gradually.
80.00	On gentle S. slope, 35 ft. below draw, set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground, to bedrock and supported by a mound of stone, for the cor. of secs. 19, 24, 25 and 30, with brass cap marked

T32S
R11E | R12E
S24 | S19
S25 | S30
1922

No bearing trees available.

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

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

Soil, shallow, sandy loam mixed with blue shale lying on sandstone bedrock.

Timber, scattering cedar and pinon.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

S. 0°08' W. between secs. 25 and 30.

Descend broken SE. slope thru scattering cedar and pinon timber and scattering undergrowth of shadscale and blackbrush.

24.00	Draw, 200 ft. below sec. cor., drains SE. Ascend abruptly.
34.60	Spur, 300 ft. above draw, projects E. Descend abruptly.
39.70	Draw, 230 ft. below spur, drains E. Ascend steep N. slope of ridge.
40.00	On S. bank of draw, mark a cross (X) on solid sandstone surfacerock at the exact corner point, over which, set an iron post, 3 ft. long, 1 in. in dia., in a mound of stone for ¼ sec. cor., with brass cap marked

¼
S25 | S30
1922

Chains	
	No bearing trees available.
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, west of corner.
62.30	Ridge, 250 ft. above draw, bears E. and W. Thence, over rolling top of ridge.
80.00	On S. edge. of ridge, bears NW. and SE., set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground to bedrock and supported by a mound of stone, for the cor. of secs. 25, 30, 31 and 36, with brass cap marked

T32S
R11E | R12E
S25 | S30
S36 | S31
1922

No bearing trees available.

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

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

Soil, shallow sandy loam mixed with blue shale lying on sandstone bedrock.

Timber, scattering cedar and pinon.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

S. 0°8' W. between secs. 31 and 36.

Descend gradually over rolling land thru scattering cedar and pinon timber and scattering undergrowth of shadscale and blackbrush.

40.00 On gentle S. slope, 95 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S36 | S31
1922

No bearing trees available.

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, west of corner. Continue gradual descent.

Chains	
56.00	Draw, 50 ft. below ¼ sec. cor., drains S. 80° E. Ascend gradually.
65.40	Spur, 80 ft. above draw, projects E. Descend gentle S. slope.
79.00	Coyote Creek, a stream of good clear water 10 lks. wide, 4 ins. deep, in channel 2.00 chs. wide, 35 ft. deep, 300 ft. below spur, drains S. 70° E.
80.00	On S. bank of Coyote Creek, 35 ft. above stream. The cor. of Ts. 32 and 33 S., Rs. 11 and 12 E. Land, rough mountainous broken by sandstone ledges, with a general southerly exposure and drainage. Soil, shallow sandy loam mixed with blue shale lying on sandstone bedrock. Timber, scattering cedar and pinon. Undergrowth, scattering shadscale and blackbrush. Fair grazing.

Survey of the south boundary of T. 32 S., R. 12 E.

From the corner of Ts. 32 and 33 S., Rs. 11 and 12 E. East between secs. 6 and 31. Over rough mountainous land thru scattering cedar and pinon timber and scattering undergrowth of shadscale and blackbrush.

6.20	Coyote Creek, stream of good clear water 10 lks. wide, 4 ins. deep, in channel 2.50 chs. wide, 50 ft. deep, 50 ft. below Tp. cor., flows SE. Ascend abruptly.
9.00	Spur, 110 ft. above Coyote Creek, projects S. 60° E. Descend broken NE. slope.
16.30	Draw, 75 ft. below spur, drains S. 60° E. Ascend broken SW. slope.
35.80	Spur, 210 ft. above draw, projects S. 60° E. Descend broken NE. slope.
38.31	On broken NE. slope, 35 ft. below spur. Allowing for convergency, set an iron post, 3 ft. long, 1 in. in dia.,

Chains	
	10 ins. in the ground to bedrock and supported by a mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S31 / S6 1922
	from which
	A pinon, 10 ins. in dia., bears N. 1°30' E., 48 lks. dist., marked ¼ S 31 BT
	A pinon, 6 ins. in dia., bears S. 74°30' W., 113 lks. dist., marked ¼ S 6 BT
	Continue descent.
56.80	Draw, 8 ft. deep, drains SE. Continue descent.
66.30	Draw, 150 ft. below the ¼ sec. cor., drains S. 10° W. Ascend gradually.
78.30	Top of ascent, 70 ft. above draw, bears N. and S. Thence, over rolling top of mesa.
78.31	On rolling top of mesa, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 5, 6, 31 and 32, with brass cap marked

T32S	R12E
S31	S32
S6	S5

T33S
1922

No bearing trees available.

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Land, rough mountainous broken by sandstone ledges with a general southerly exposure and drainage.

Soil, shallow sandy loam mixed with blue shale lying on sandstone bedrock.

Timber, scattering cedar and pinon.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

East between secs. 5 and 32.

Survey of the south boundary of T. 32 S., R. 12 E.

Chains	
	Over rolling top of mesa thru scattering cedar and pi[illegible] timber and scattering undergrowth of shadscale and bla[illegible] brush.
7.50	Spur, 5 ft. above sec. cor., projects S. 10° E. Leave[illegible] scattering timber, bears N. 10° W. and S. 10° E. Continue over rolling mesa.
9.00	A sandstone ledge, 10 ft. high and forming the east rim of mesa, bears N. 10° W. and S. 10° E. Descend abruptly.
14.30	Fence, 4 barbed wires, bears N. 80° E. and S. 80° W.
21.50	Road bears N. to Hanksville, Ut., and S. to South Mountain.
22.90	Wash, 5 lks. wide, 6 ins. deep, in bottom of draw, 225 ft. below rim of mesa, drains N. 10° E. Ascend gradually.
26.70	Irrigation ditch, 15 lks. wide, 30 ins. deep, drains N.5°E.
28.10	Enter top of bench, 65 ft. above wash, bears N. and S. Thence, over rolling top of bench.
38.20	Road bears NE. to Trachyte field and SW. to Trachyte ranch house.
40.00	On rolling top of bench, set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground to bedrock and supported by a large mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S32 / S5 1922 Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist. Ascend gradually.
75.00	Ridge, 10 ft. above the ¼ sec. cor., bears N. 60° E. and S. 60° W. Descend gradually.
80.00	On gentle SE. slope, 6 ft. below ridge, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 4, 5, 32 and 33, with brass cap marked T32S | R12E S32 | S33 S5 | S4 T33S 1922 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of co[illegible]

Chains	
	Land, first 15.00 chs., rough mountainous broken by sandstone ledges; last 65.00 chs., rolling.
	Soil on first 15.00 chs., shallow sandy loam mixed with blue shale lying on sandstone bedrock; last 65.00 chs., deep sandy loam with gravel sub soil.
	Timber, scattering cedar and pinon on W. portion of mile.
	Undergrowth, scattering shadscale and sagebrush.
	Fair grazing.
	East, between secs. 4 and 33.
	Over rolling land thru scattering undergrowth of shadscale and blackbrush. Descend gentle SE. slope.
15.00	Swale, 25 ft. below sec. cor., drains N. 80° E. Ascend gradually.
25.00	Spur, 6 ft. above swale, projects NE. Descend gradually.
28.00	Swale, 6 ft. below spur, drains NE. Ascend gradually.
34.70	Spur, 20 ft. above swale, projects NE. Descend gradually.
38.50	Draw, 25 ft. below spur, drains NE. Ascend gradually.
40.00	On gentle NW. slope, 5 ft. above draw, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked ¼ S33 / S4 1922 Raise a mound of stone, 2 ft. base, 1½ ft. high, north of corner.
48.50	Spur, 10 ft. above ¼ sec. cor., projects NE. Descend gradually.
55.50	Draw, 65 ft. below spur, drains NE. Ascend gradually.
73.90	Fence, 4 barbed wires, bears N. 4° E. and S. 4° W.
79.30	Top of ascent, 65 ft. above draw, bears NW. and SE. Descend abruptly.
80.00	On steep NE. slope, 10 ft. below top of ascent, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 3, 4, 33 and 34, with brass cap marked

Survey of the south boundary of T. 32 S., R. 12 E.

Chains

T32S | R12E
S33 | S34
S4 | S3
T33S
1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Land, rolling.

Soil, deep sandy loam on gravel sub-soil.

No timber.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

East, between secs. 3 and 34.

Descend over rolling NE. slope thru scattering undergrowth of shadscale and blackbrush.

14.50 Draw, 30 ft. deep, drains SE. Continue descent.

18.40 Spur, 35 ft. high, projects S. a distance of 3.00 chs. Continue descent.

25.50 Draw, 35 ft. deep, drains N. 80° E. Same draw as that crossed at 14.50 chs.

40.00 On rolling NE. slope, 155 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼ S34
S3
1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, north of corner.

Continue descent.

52.00 Draw, 40 ft. deep, drains S. 60° E. Same draw as that crossed at 25.50 chs.

71.20 Wash, 50 lks. wide, 4 ft. deep, 60 ft. below ¼ sec. cor., drains S. 10° W.

80.00 On gentle W. slope, 10 ft. above wash, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 2, 3, 34 and 35, with brass cap marked

Chains

T32S	R12E
S34	S35
S3	S2

T33S
1922

There being no bearing trees or rocks available and pits being impracticable, I deposit a marked (X) sandstone, 6 x 3 x 2 ins., at the base of the monument.

Land, rolling.

Soil, deep sandy loam on gravel sub-soil.

No timber.

Undergrowth, scattering shadscale and sagebrush.

Fair grazing.

East between secs. 2 and 35.

Ascend gradual W. slope thru scattering undergrowth of shadscale and blackbrush.

40.00 On gentle W. slope, 115 ft. above sec. cor., set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼ S35 / S2
1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, north of corner.

51.00 Head of draw, 15 ft. deep, drains N. 75° W. Continue ascent.

55.50 Ridge, 85 ft. above ¼ sec. cor., bears NE. and SW. Descend gradually.

63.00 Head of swale, 20 ft. below ridge, drains S. Ascend gradually.

80.00 On gentle W. slope, 10 ft. above head of swale, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 1, 2, 35 and 36, with brass cap marked

T32S	R12E
S35	S36
S2	S1

T33S
1922

Chains	
	Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.
	Land, rolling.with general southerly exposure and drainage
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	East, between secs. 1 and 36.
	Ascend gentle W. slope thru scattering undergrowth of shadscale and blackbrush.
5.00	Spur, 5 ft. above sec. cor.,projects S. Descend gradually.
11.70	Draw, 50 ft. below spur, drains S. 10° W.. Ascend gradually.
20.00	Spur, 50 ft. above draw,projects S.10° W.. Descend gradually.
31.00	Swale, 25 ft. below spur, drains SE.. Ascend gradually.
40.00	On gentle NW. slope, 10 ft. above swale, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for the ¼ sec. cor., with brass cap marked

$$\frac{\frac{1}{4}\ \text{S36}}{\text{S1}\ \ 1922}$$

	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.
54.00	Spur, 45 ft. above ¼ sec. cor., projects S. 15° W.. Descend gradually.
63.00	Head of draw, 10 ft. below spur, drains SW.. Ascend gradually.
67.30	Spur, 60 ft. above head of draw, projects SW.. Descend gradually.
72.80	Draw, 15 ft. below spur, drains S. 15° E.. Ascend gradually.
80.00	On gentle SW. slope, 40 ft. above draw, set an iron post, 3 ft. long, 3 ins. in dia., 26 ins. in the ground for the cor. of Ts. 32 and 33 S., Rs. 12 and 13 E., with brass cap marked

Survey of the east boundary of T. 32 S., R. 12 E.

Chains

T32S	
R12E	R13E
S36	S31
S1	S6
T33S	

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, south of corner.

Land, rolling with general southerly exposure and drainage.

Soil, deep sandy loam on gravel sub-soil.

No timber.

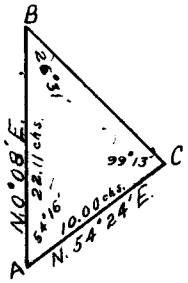
Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

Survey of the east boundary of T. 32 S., R. 12 E.

From the cor. of Ts. 32 and 33 S., Rs. 12 and 13 E., N. 0°08' E., on a random line along the east boundary of T. 32 S., R. 12 E., setting temporary ¼ sec. and sec. corners at intervals of 40.00 chains.

302.14 Inaccessible sandstone ledges make chaining to the north of this point impracticable. I, therefore, determine the distance across ledges by triangulation as follows: Set flag "A" at the 302.14 chs. point and flag "B" on line to the north across ledges. From flag "A", run a base line N. 54°24' E., 10.00 chs. dist. and erect flag "C". From flag "C", flag "B" subtends an angle of 99°13'. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on random line	302.14
Distance by triangulation	22.11
	324.25
Distance by return measurement	4.25
	320.00

Chains

481.44 Intersect the north boundary of the township, 56 lks. west of the cor. of Ts. 31 and 32 S., Rs. 12 and 13 E. which is an iron post, 3 ins. in dia., firmly set in the ground, with brass cap marked

T31S
R12E | R13E
S36 | S31
S1 | S6
T32S
1922

and witnessed by 4 pits, 18 x 18 x 12 ins., N., S., E. and W. of cor., 3 ft. dist..

Therefore, the bearing of the east boundary of this township is N. 0°12' E..

Thence,

From the cor. of Ts. 31 and 32 S., Rs. 12 and 13 E., S. 0°12' W. on true line between secs. 1 and 6.

Over gentle W. slope thru scattering cedar and pinon timber and scattering undergrowth of shadscale and black-brush.

41.44 On gentle W. slope, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼
S1 | S6
1922

No bearing trees or stone available. Pits are impracticable.

Deposit a marked (X) granite stone, 4 x 1 x 1 in., at the base of the monument.

Ascend gradually.

61.30 East edge of large sandstone boulder, 20 ft. high, 65 ft. in dia..

81.44 On gentle W. slope, 30 ft. above ¼ sec. cor., set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 1, 6, 7 and 12, with brass cap marked

T32S
R12E | R13E
S1 | S6
S12 | S7
1922

No bearing trees or stone available. Pits are impracticable.

Deposit a marked (X) granite stone, 4 x 3 x 1 in., at the base of the monument.

Land, rolling with general westerly exposure and drainage.

Soil, deep sandy loam on gravel sub-soil.

Timber, scattering cedar and pinon.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

S. 0°12' W., between secs. 7 and 12.

Over rolling SW. slope thru scattering undergrowth of shadscale and blackbrush.

8.70 Draw, 15 ft. deep, drains SW.

21.40 Head of draw, 15 ft. deep, drains S. 30° W.

26.90 Spur, 30 ft. high, projects S. 20° W.

34.70 Head of draw, 10 ft. deep, drains S. 20° W.

36.90 Spur, 25 ft. high, projects S. 20° W.

40.00 On gentle SE. slope, 25 ft. below spur, set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground to bed-rock and supported by a mound of stone, for the ¼ sec. cor., with brass cap marked

¼
S12 | S7
1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Descend gradually.

66.90 Draw, 100 ft. below ¼ sec. cor., drains S. 10° W.

Ascend gradually.

70.10 Spur, 15 ft. above draw, projects, S. 5° W.. Descend gradually.

75.75 Point of triangulation.

80.00 On broken SE. slope, 50 ft. below spur, mark a cross (X) on solid sandstone surfacerock, over which set an iron post, 3 ft. long, 2 ins. in dia., in a large mound of stone for the cor. of secs. 7, 12, 13 and 18, with brass cap marked

T32S
R12E | R13E
S12 | S7
S13 | S18
1922

Land, rolling with general southwesterly exposure and drainage. Occasional sandstone ledges and outcroppings on last half mile.

Soil, deep sandy loam over gravel sub-soil on first half mile; shallow sandy loam over sandstone bedrock on last half mile.

No timber.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

S. 0°12' W., between secs. 13 and 18.

Descend over broken SE. slope thru scattering undergrowth of shadscale and blackbrush.

Approximate topography to point of triangulation.

[illegible] Bottom of box canyon, 220 ft. below sec. cor., 1.00 ch. between walls, drains S. 20° W.. Ascend abruptly over sandstone ledges.

[illegible] Point of triangulation on east breaks of box canyon. Continue abrupt ascent over sandstone ledges.

[illegible] Spur, 200 ft. above bottom of box canyon, projects S. 75° W.. Descend abruptly.

[illegible] Draw, 30 ft. below spur, drains S. 75° W.. Ascend abruptly.

[illegible] Spur, 30 ft. above draw, projects S. 75° W.. Descend abruptly.

34.60 Draw, 100 ft. below spur, drains S. 80° W.. Ascend abruptly.

Chains	
40.00	On steep N. slope, 15 ft. above draw, mark a cross (X) on solid sandstone surfacerock over which set an iron post, 3 ft. long, 1 in. in dia., in a large mound of stone for the ¼ sec. cor., with brass cap marked ¼ S13 | S18 1922
	Continue abrupt ascent.
49.70	Spur, 160 ft. above ¼ sec. cor., projects S. 15° W.. Descend abruptly.
65.30	Draw, 250 ft. below spur, drains S. 15° W.. Ascend abruptly.
66.50	Rim of small mesa, 20 ft. above draw, bears NE. and SW. Thence, over level top of mesa.
70.50	Rim of small mesa bears NW. and SE.. Descend abruptly.
79.10	Sandstone ledge, 30 ft. high, bears NW. and SE.. Continue abrupt descent.
80.00	At the foot of steep SW. slope, 140 ft. below mesa, bears NW. and SE., set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 13, 18, 19 and 24, with brass cap marked T32S R12E | R13E S13 | S18 S24 | S19 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.
	Land, rough mountainous, broken by sandstone ledges and box canyons, with general southwesterly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.

Chains	
	S. 0°12' W., between secs. 19 and 24.
	Over rolling bottom of North Wash Canyon thru scattering undergrowth of shadscale and blackbrush.
6.70	North bank of wash in bottom of North Wash Canyon, 4 ft. high, 10 ft. below sec. cor., bears N. 75° W. and S.75° E.
7.50	Stream of good water, 5 lks. wide, 4 ins. deep, flows S.75° E.
8.00	Road bears E. to Hite, Ut. and W. to Hanksville, Ut.
10.10	South bank of wash in bottom of North Wash Canyon, bears N. 75° W. and S. 75° E.. Scattering growth of cottonwood timber and scattering undergrowth of rabbit, oak and willow brush along this wash. Continue over rolling bottom of North Wash Canyon.
15.90	Leave bottom of North Wash Canyon, bears NW. and SE. Ascend abruptly over sandstone ledges.
16.30	Sandstone ledge, 60 ft. high, bears N. 60° W. and S.60° E. Continue abrupt ascent.
38.10	Bend in S. rim of North Wash Canyon, 580 ft. above bottom of North Wash, bears N. 15° W. and SE.. Ascend gradually.
40.00	On gentle NE. slope, 20 ft. above south rim of North Wash Canyon, set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground to bedrock and supported by a large mound of stone, for the ¼ sec. cor., with brass cap marked

¼

S24 | S19

1922

Deposit a marked (X) sandstone, 4 x 3 x 2 ins. at the base of the monument.

Continue gradual ascent.

55.00	Spur, 15 ft. above ¼ sec. cor., projects S. 80° E.. Descend gradually.
73.00	Swale, 40 ft. below spur, drains east. Ascend gradually.
80.00	On E. slope of point of small spur, 10 ft. above swale, set an iron post, 3 ft. long, 2 ins. in dia., 16 ins. in the ground to bedrock and supported by a mound of stone, for the cor. of secs. 19, 24, 25 and 30, with brass cap marked

Chains

T32S

R12E	R13E
S24	S19
S25	S30

1922

Deposit a marked (X) sandstone, 4 x 3 x 2 ins. at the base of the monument.

Land, rough mountainous in first half mile; rolling in last half mile. General easterly exposure and drainage.

Soil, shallow sandy loam lying on sandstone bedrock.

Timber, scattering cottonwood only along North Wash and a few of its larger tributaries.

Undergrowth, scattering shadscale and blackbrush with a scattering growth of rabbit, oak and willow brush along the bottom of North Wash and a few of its larger tributaries.

Fair grazing.

S. 0°12' W., between secs. 25 and 30.

Over rolling land thru scattering undergrowth of shadscale and blackbrush.

Ascend gradually over broken E. slope.

25.00 Draw, 50 ft. deep, drains east. Continue ascent.

40.00 On broken SE, slope, 165 ft. above sec. cor., set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼

S25 | S30

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Continue ascent.

42.60 Draw, 50 ft. deep, drains NE. Continue ascent.

52.50 Spur, 25 ft. high, projects N. 60° E. Continue ascent.

56.30 Draw, 20 ft. deep, drains NE. Continue ascent.

60.40 Spur, 30 ft. high, projects NE. Continue ascent.

67.50 Draw, 30 ft. deep, drains NE. Continue ascent.

Chains	
80.00	On top of ridge, 110 ft. above ¼ sec. cor., bearing E. and W., set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 25, 30, 31 and 36, with brass cap marked

T32S
R12E | R13E
S25 | S30
S36 | S31
1922

Dig 4 pits, 18 x 18 x 12 ins., NE., SE., SW., and NW. of cor., 3 ft. dist.

Land, rolling with general easterly exposure and drainage.

Soil, shallow sandy loam over sandstone bedrock on first half mile; deep sandy loam over gravel sub-soil on last half mile.

No timber.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

S. 0°12' W., between secs. 31 and 36.

Descend gentle S. slope of ridge thru scattering undergrowth of shadscale and blackbrush.

14.00	Swale, 50 ft. below ridge, drains east. Ascend gradually.
23.30	Spur, 30 ft. above swale, projects E.. Descend gradually.
39.00	Swale, 25 ft. below spur; drains east. Ascend gradually.
40.00	On gentle N. slope, 5 ft. above swale, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼
S36 | S31
1922

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

47.00	Spur, 20 ft. above ¼ sec. cor., projects NE.. Descend gradually.
60.00	Head of draw, 10 ft. below spur, drains NE.. Ascend gradually.
65.00	Ridge, 15 ft. above head of draw, bears N. 75° E. and S. 75° W.. Descend gradually.

Chains	
74.00	Draw, 25 ft. below ridge, drains SW.. Ascend gradually.
80.00	The cor. of Ts. 32 and 33 S., Rs. 12 and 13 E., 25 ft. above draw.
	Land, rolling with general easterly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.

Subdivision of T. 32 S., R. 12 E.

From the cor. of secs. 1, 2, 35 and 36 on the south boundary of the township,

N. 0°11' E., between secs. 35 and 36.

Ascend gentle SE. slope, thru scattering undergrowth of shadscale and blackbrush.

17.10	Ridge, 75 ft. above sec. cor., bears NE. and SW.. Descend gradually.
26.00	Draw, 45 ft. below ridge, drains N. 80° W.. Ascend gradually.
32.00	Spur, 10 ft. above draw, projects W.. Descend gradually.
40.00	On gentle N. slope, 15 ft. below spur, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼

S35 | S36

1922

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

Continue descent.

42.00	Swale, 5 ft. below ¼ sec. cor., drains S. 75° W.. Ascend gradually.
70.00	Spur, 30 ft. above swale, projects S. 30° W.. Descend gradually.
76.50	Head of draw, 10 ft. below spur, drains S. 30° W.. Ascend gradually.
80.00	On gentle SW. slope, 10 ft. above head of draw, set an

Chains	
	iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 25, 26, 35 and 36, with brass cap marked
	T32S | R12E S26 | S25 S35 | S36 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.
	Land, rolling, with general easterly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	East on a random line between secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect the east boundary of the township, 5 lks. north of the cor. of secs. 25, 30, 31 and 36.
	Thence
	N. 89°58' W., on true line between secs. 25 and 36.
	Ascend gradually along top of ridge, bearing E. and W., thru scattering undergrowth of shadscale and blackbrush.
5.00	Enter scattering growth of cedar timber, bears N. and S.
33.00	Leave ridge bearing E. and SW., 80 ft. above sec. cor.
	From this point, a spur off ridge projects N. 10° E.
	Leave scattering timber, bears N. and S.
	Descend gradually.
39.97	On gentle NW. slope, 50 ft. below ridge, set and iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked
	¼ S25 / S36 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, north of corner.
	Continue descent.

Chains	
75.00	Swale, 10 ft. deep, heads 2.00 chs. N. of line and drains N. 15° W.. Continue descent.
79.60	Ridge, 85 ft. below ¼ sec. cor., bears NW. and SE.. Continue descent.
79.94	The cor. of secs. 25, 26, 35 and 36, 5 ft. below ridge.
	Land, rolling with general northerly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	Timber, scattering cedar between 5.00 chs. and 33.00 chs. points.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.

N. 0°11' E., between secs. 25 and 26.

Over rolling land thru scattering undergrowth of shadscale and blackbrush.

Ascend gradually.

.50 Ridge, 5 ft. above sec. cor., bears NW. and SE.. Descend gradually.

28.00 Swale, 50 ft. below ridge, drains E.. Ascend gradually.

36.00 Bend in ridge, 5 ft. above swale, bears E. and NW.. Descend gradually.

40.00 On gentle NE. slope, 5 ft. below ridge, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼

S26 | S25

1922

No stone available. Pits are impracticable.

Deposit a marked (X) sandstone, 4 x 3 x 2 ins., at the base of the monument.

71.00 Swale, 30 ft. below ¼ sec. cor., drains N. 10° E.. Ascend gradually.

80.00 On gentle E. slope, 5 ft. above swale, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 23, 24, 25 and 26, with brass cap marked

Chains	
	T32S | R12E S23 | S24 S26 | S25 1922
	No stone available. Pits are impracticable.
	Deposit a marked (X) sandstone, 4 x 3 x 2 ins., at the base of the monument.
	Land, rolling with general northeasterly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	S. 89°58' E. on a random line between secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect the east boundary of the township, 7 lks. north of the cor. of secs. 19, 24, 25 and 30.
	Thence
	N. 89°55' W., on true line between secs. 24 and 25.
	Over rolling land thru scattering shadscale and black-brush.
	Ascend gentle east slope.
1.98	Point of spur, 15 ft. high, projects north. Continue ascent over rolling east slope.
3.98	Draw, 15 ft. deep, drains N. 10° E.. Continue ascent.
24.98	Ridge, 100 ft. above sec. cor., bears N. 10° E. and S. 10° W.. Descend gradually.
39.99	On gentle W. slope, 10 ft. below ridge, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked
	¼ S24 / S25 1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist. Continue descent.

Chains	
75.98	Swale, 30 ft. below ¼ sec. cor., drains N. 10° E.. Ascend gradually.
79.98	The cor. of secs. 23, 24, 25 and 26, 20 ft. above swale. Land, rolling with general northerly exposure and drainage. Soil, shallow sandy loam over sandstone bedrock on first 25.00 chs.; deep sandy loam over bravel sub-soil on remainder of mile. No timber. Undergrowth, scattering shadscale and blackbrush. Fair grazing.

N. 0°11' E., between secs. 23 and 24..

Descend gradually over gently rolling E. slope thru scattering undergrowth of shadscale and blackbrush.

15.00 Draw, 15 ft. deep, drains NE.. Continue descent.

40.00 On gentle E. slope, 15 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼
S23 | S24
1922

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

45.00 Ridge, 5 ft. above ¼ sec. cor., bears N. and S. 5° W.. Thence, along top of ridge.

60.00 Spur off ridge projects west.

79.60 Rim of North Wash Canyon bears E. and W.. Ridge becomes steep N. slope of canyon. Descend abruptly.

80.00 On steep N. slope of North Wash Canyon, 60 ft. below rim, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 13, 14, 23 and 24, with brass cap marked

T32S S14	R12E S13
S23	S24

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

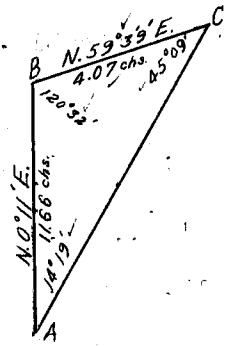
Chains	
	Land, rolling with general easterly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	S. 89°55' E. on a random line between secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect the east boundary of the township, 12 lks. north of the cor. of secs. 13, 18, 19 and 24.
	Thence
	N. 89°50' W. on true line between secs. 13 and 24.
	Over rolling bottom of North Wash Canyon thru scattering undergrowth of shadscale, blackbrush, willow and oak brush.
14.00	North bank of wash in bottom of North Wash Canyon, 6 ft. deep, 10 ft. below sec. cor., bears N. 60° W. and S. 60° E.
15.00	Road bears N. 60° W. to Hanksville, Ut. and S. 60° E. to Hite, Ut.
15.50	Stream of good water, 5 lks. wide and 3 ins. deep, flows S. 60° E.
16.00	South bank of wash bears N. 60° W. and S. 60° E..
	Scattering growth of cottonwood timber along this wash.
	Continue over rolling bottom of canyon.
25.00	Leave bottom of canyon, bears NW. and SE.. Ascend abruptly.
35.30	On steep NE. slope, 180 ft. above wash. As true point for the ¼ sec. cor. will fall in sandstone ledges where a permanent corner cannot be set; at this point,
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for witness cor. to the ¼ sec. cor. of secs. 13 and 24, with brass cap marked
	WC ¼ S13/S24
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, north of corner. Continue ascent.

Chains	
37.40	Draw, 15 ft. deep, drains north. Continue ascent over steep sandstone ledges.
39.99	Point for ¼ sec. cor. falls in ledges where permanent cor. cannot be set. No corner set.
57.00	Spur, 250 ft. above witness ¼ cor., projects north. Descend abruptly.
65.00	Draw, 150 ft. below spur, drains north. Ascend abruptly over sandstone ledges.
79.98	The cor. of secs. 13, 14, 23 and 24, 280 ft. above draw.
	Land, rough mountainous broken by sandstone ledges with general northeasterly exposure and drainage.
	Soil, shallow sandy loam on sandstone bedrock.
	No timber.
	Undergrowth, scattering shadscale, blackbrush, willow and oak brush.
	Fair grazing.
	N. 0°11' E., between secs. 13 and 14.
	Descend steep N. slope of North Wash Canyon thru scattering undergrowth of shadscale and blackbrush.
19.50	Base of descent, 500 ft. below sec. cor., bears E. and W. Thence, over rolling bottom of North Wash Canyon thru scattering cottonwood timber and medium growth of rabbitbrush.
24.20	Wash in bottom of North Wash Canyon, 2.50 chs. wide, 6 ft. deep, drains S. 75° E..
24.50	Road bears N. 75° W. to Hanksville, Ut. and S. 75° E. to Hite, Utah.
32.10	Wash, 50 lks. wide, 6 ft. deep, drains S. 30° E.. Ascend gradual SW. slope.
34.00	On gentle SW. slope, 10 ft. above wash. As true point for the ¼ sec. cor. will fall in sandstone ledges where a permanent corner cannot be set; at this point,
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the witness cor. to the ¼ sec. cor. of secs. 13 and 14, with brass cap marked

Chains	
	WC ¼ S14 | S13 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.
34.50	Leave rolling bottom of North Wash Canyon, scattering cottomwood timber, and rabbit brush, bears NW. and SE. Ascend gradually over solid sandstone along steep west slope of side canyon.
40.00	At the exact point for the ¼ cor. of secs. 13 and 14, on solid sandstone surfacerock, I chisel the following marks:
	¼ S14 — + — S13
	It being impossible to raise a mound of stone to the west of the cor., I raise a mound of stone, 2 ft. base, 1½ ft. high, 10 lks. east of corner.
	Because of the probability of disintegration which might destroy the evidence of the true corner, a witness cor. was built at 34.00 chs..
54.80	Draw, 30 ft. deep, drains west. Continue ascent.
57.70	Point of sandstone spur, 95 ft. above witness corner, projects west. Continue ascent.
65.60	Draw, 20 ft. deep, drains S. 15° W.. Continue ascent.
69.00	Sandstone spur, 115 ft. above point of sandstone spur at 57.70 chs., projects SW.. Thence, over top of spur:
70.08	Inaccessible sandstone ledges, which form the S. breaks of a box canyon, bears E. and W., make chaining to the north of this point impracticable. I, therefore, determine the distance across box canyon by triangulation as follows:
	Set flag "A" at the 70.08 chs. point and flag "B" on line to the north across box canyon. From flag "B", run a base line N. 59°39' E., 4.07 chs. dist. and erect flag "C"; longer base impracticable. From flag "C", flag "A" subtends an angle of 45°09'. All bearings checked by

Chains

direct reading of the solar and all angles checked by deflection.



Distance on line	70.08
Distance by triangulation	11.66
	81.74
Distance by return measurement	1.74
	80.00

Approximate topography between points of triangulation.

76.00 Bottom of box canyon, 90 ft. below spur, drains west. Ascend abruptly.

80.00 On gentle SE. slope at top of breaks of box canyon, 90 ft. above bottom, mark a cross (X) on solid sandstone surfacerock, over which set an iron post, 3 ft. long, 2 ins. in dia., in a large mound of stone for the cor. of secs. 11, 12, 13 and 14, with brass cap marked

T32S | R12E	
S11	S12
S14	S13

1922

Land, rough mountainous broken by sandstone ledges and box canyons with a general northerly exposure and drainage on first 20.00 chs. and general westerly exposure and drainage on last 60.00 chs.

Soil, shallow sandy loam lying on sandstone bedrock.

Timber, scattering cottonwood only along the bottom of North Wash Canyon and some of its larger tributaries.

Undergrowth, scattering shadscale and blackbrush with a medium growth of rabbit brush along the bottom of North Wash Canyon and some of its larger tributaries.

Fair grazing.

Chains

S. 89°50' E. on a random line between secs. 12 and 13.

5.00 Impassable sandstone ledges make chaining to the east of this point impracticable, I, therefore, offset as follows:

North, 11.38 chs.; then on offset line.
S. 89° 50' E., 47.51 chs. (counted from sec. cor.), set temp. point.
S. 89°50' E., 78.00 chs. (counted from sec. cor.), then
South, 11.38 chs. to true random line, on which, at

79.82 Intersect the east boundary of the township, 23 lks. S. of the cor. of secs. 7, 12, 13 and 18.

Thence,

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

Over broken S. slope thru scattering undergrowth of shadscale and blackbrush.

Ascend gradually.

1.82 Spur, 10 ft. above sec. cor., projects S. 30° W.

Impassable sandstone ledges, bears N. and S., make chaining to the west of this point, impracticable. I, therefore, offset as follows:

North, 11.38 chs.; then W. on offset line.

Approximate topography on true line; distances counted from sec. cor.

Descend abruptly.

6.30 Box canyon, 200 ft. below spur, drains south. Ascend abruptly.

10.80 Spur, 80 ft. above box canyon, projects south. Descend abruptly.

15.30 Box canyon, 80 ft. below spur, drains S. 30° W.. Ascend abruptly.

[illegible].30 Spur, 250 ft. above box canyon, projects S. 15° W. Descend abruptly.

30.80 Box canyon, 75 ft. below spur, drains S. 15° W.. Ascend abruptly.

32.71 On offset line. S. 33°44' W., 13.68 chs. to true line, on which, at

39.91 On steep W. slope, 20 ft. below spur, set an iron post,

Chains	
	3 ft. long, 1 in. in dia., 16 ins. in the ground to bedrock and supported by a large mound of stone, for the ½ sec. cor. with brass cap marked ½ S12/S13 1922
	Deposit a marked (X) sandstone, 4,x 3 x 2 ins.,at the base of the monument.
	Impassable sandstone ledges make chaining to the west of the ½ sec. cor. impracticable. I, therefore, return to the 32.31 chs. point on the offset line and continue W..
	Approximate topography on true line; distances counted from sec. cor.
38.80	Spur, 80 ft. above draw, projects south, Descend abruptly.
40.80	E. rim of box canyon, 5 ft. below ½ sec. cor.,bears N.30°E. and S. 30° W..
46.80	Bottom of box canyon, 225 ft. below rim, drains S. 30° W.
51.80	W. rim of box canyon, 240 ft. above bottom, bears N. 30° E. and S. 30° W.. Ascend gradually.
54.30	Spur, 10 ft. above W. rim of box canyon, projects S. 30° W. Descend abruptly.
57.80	Box canyon, 60 ft. below spur, drains south. Ascend abruptly.
64.80	Spur, 50 ft. above box canyon, projects S. 15° W.. Descend abruptly.
72.80	Box canyon, 80 ft. below spur, drains S. 75° W.. Ascend abruptly.
74.82	Offset south, 11.38 chs. to true line.
79.82	The cor. of secs. 11, 12, 13 and 14, 30 ft. above draw.
	Land, rough mountainous broken by sandstone ledges and box canyons with a general southerly exposure and drainage.
	Soil, shallow sandy loam on sandstone bedrock.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.

Chains	
	N. 0°11' E., between secs. 11 and 12.
	Ascend gentle SE. slope thru scattering undergrowth of shadscale and blackbrush..
1.70	Spur, 20 ft. above sec. cor., projects SW.. Descend gradually.
7.00	Draw, 20 ft. below spur, drains W.. Ascend gradually.
11.40	Spur, 20 ft. above draw, projects W.. Descend gradually.
18.40	Draw, 50 ft. below spur, drains SW.. Ascend gradually.
33.50	Head of draw, 10 ft. deep, drains SW.. Continue ascent.
36.00	South point of spur. Ascend gradually along top of spur.
40.00	On top of spur, 115 ft. above draw at 18.40 chs., set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground to bedrock and supported by a large mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S11 | S12 1922 Deposit a marked (X) sandstone, 4 x 3 x 2 ins., at the base of the monument. Continue ascent.
41.80	Leave spur, bears south and N. 5° W.. Continue ascent along east slope of spur.
52.10	Head of draw, 15 ft. deep, drains S. 15° E.. Continue gradual ascent.
55.10	Same spur, 80 ft. above ¼ sec. cor., projects S. 15° W. Descend gradually.
56.00	Draw, 10 ft. below spur, drains SW.. Ascend gradually.
73.00	Ridge, 70 ft. above draw, bears NE. and SW.. Spur off ridge (same spur as that crossed at 55.10 chs.), projects S. 15° E.. Descend gradually.
80.00	On gentle NW. slope, 20 ft. below ridge, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 1, 2, 11 and 12, with brass cap marked, T32S | R12E S2 | S1 S11 | S12 1922

Chains	
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of corner, 3 ft. distant.
	From this corner, a very prominent sandstone butte bears N. 55°20' W. approximately 80.00 chs. distant.
	Land, rolling with general southerly exposure and drainage.
	Soil, shallow sandy loam over sandstone bedrock on first half mile; deep sandy loam over gravel sub-soil on last half mile.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	East on a random line between secs. 1 and 12.
40.00	Set temp. ¼ sec. cor..
79.88	Intersect the east boundary of the township, 3 lks. E. of the cor. of secs. 1, 6, 7 and 12.
	Thence,
	N. 89°59' W. on true line between sec. 1 and 12.
	Descend gradually over gentle NW. slope thru scattering cedar timber and scattering undergrowth of shadscale and blackbrush.
17.90	Draw, 10 ft. deep, drains SW.. Continue descent.
29.60	Draw, 140 ft. below sec. cor., drains SW.. Descend gradually.
32.40	Spur, 15 ft. above draw, projects SW.. Descend gradually.
39.94	On gentle NW. slope, 10 ft. below spur, set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground to bedrock and supported by a large mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S1 / S12 / 1922 No bearing trees available. Deposit a marked (X) sandstone, 4 x 3 x 2 ins., at the base of the monument. Continue gradual descent.

Chains

4[illegible].00 Leave scattering timber, bears N. and S.

[illegible] Wash in bottom of ravine, 15 lks. wide, 2 ft. deep, 110 below ¼ sec. cor., drains S. 15° W.. Ascend gradually.

[illegible] Ridge, 7[illegible] ft. above wash, bears N. 10° E. and SW.. Descend gradually.

7[illegible] The cor. of secs. 1, 2, 11 and 12, 10 ft. below ridge.

Land, rolling with general southerly exposure and drainage.

Soil, shallow sandy loam over sandstone bedrock on east half mile; deep sandy loam over gravel sub-soil on west half mile.

Timber, scattering cedar on east half mile; no timber on [illegible] half.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

[illegible] on a random line between secs. 1 and 2.

[illegible] temp. ¼ sec. cor..

[illegible] Intersect the north boundary of the township, 26 lks. E. of the cor. of secs. 1, 2, 35 and 36, which is an iron post, [illegible] ins. in dia., firmly set in the ground, with brass cap marked

T31S	R12E
S35	S36
S2	S1

T32S
19[illegible]

[illegible] witnessed by 4 pits, 18 x 18 x 12 ins., NE., SE., [illegible] of cor., 3 ft. dist.

Thence.

South on true line between secs. 1 and 2.

[illegible] over gentle N. slope thru scattering [illegible] of shadscale and blackbrush.

[illegible] ft. above sec. cor., projects east. Descend [illegible].

[illegible] gentle [illegible] slope, 3[illegible] ft. below spur, set an iron post, [illegible] ft. long, [illegible] in. in dia., 26 ins. in the ground for [illegible] sec. cor., with brass cap marked

Chains	
	1/4 S2 | S1 1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.
	Ascend gradually.
46.30	Ridge, 5 ft. above 1/4 sec. cor., bears N. 20° W. and S. 20° E.. Descend gradually.
81.28	The cor. of secs. 1, 2, 11 and 12, 110 ft. below ridge.
	Land, rolling with general easterly exposure and drainage on north half mile and general southwesterly exposure and drainage on south half mile.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	From the cor. of secs. 2, 3, 34 and 35 on the south boundary of the township,
	N. 0°11' E., between secs. 34 and 35.
	Over rolling land, along gentle W. slope, thru scattering undergrowth of shadscale and blackbrush.
31.00	Wash, 20 lks. wide, 4 ft. deep, in bottom of draw 12 ft. deep, drains west. Ascend gradually.
40.00	On gentle SW. slope, 15 ft. above draw, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the 1/4 sec. cor., with brass cap marked
	1/4 S34 | S35 1922
	No bearing trees available. Pits are impracticable.
	Deposit a marked (X) sandstone, 7 x 4 x 2 ins., at the base of the monument.
	Thence, over rolling west slope.
64.00	Wash, 10 lks. wide, 2 ft. deep, in bottom of swale 20 ft. deep, drains west. Ascend gradually.

Chains

80.00 On gentle N. slope, 30 ft. above wash, set an iron post 3 ft. long, 2 in. in dia., 26 ins. in the ground for the cor. of secs. 26, 27, 34 and 35, with brass cap marked

T32S	R12E
S27	S26
S34	S35

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Land, rolling with general westerly exposure and drainage.

Soil, deep sandy loam on gravel sub-soil.

No timber.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

Test on a random line between secs. 26 and 35.

40.00 Set temp. ¼ sec. cor..

79.00 Intersect the N. and S. line at the cor. of secs. 25, 26, 35 and 36.

Thence,

Test on true line between secs. 26 and 35.

Descend abrupt S. slope thru scattering undergrowth of shadscale and blackbrush.

[illegible] Draw, 4[illegible] ft. below sec. cor., projects S. 30° W.. Continue descent gradually.

[illegible] Set sandstone reef, 3.00 chs. wide at the base, 30 ft. high, bears N. and S.. Continue gradual descent.

[illegible] Draw, [illegible] ft. deep, drains S.W.. Continue descent.

[illegible] Draw, [illegible] ft. deep, drains NW.. Continue descent.

[illegible] Draw, [illegible] ft. deep, drains S.W.. Continue descent.

[illegible] On N. bank of draw, mark a cross (X) on solid sandstone surface rock at the exact corner point, over which, set an iron post, [illegible] ft. long, 1 in. in dia., in a large mound of stone for the ¼ sec. cor., with brass cap marked

¼ S26 / S35 1922

Chains	
	Continue gradual descent.
44.90	Same draw, 10 ft. deep, drains NW.. Continue descent.
66.00	Same draw, 325 ft. below spur, drains south. Ascend gradually.
79.96	The cor. of secs. 26, 27, 34 and 35, 10 ft. above draw.
	Land, rolling with a general westerly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	N. 0°11' E. between secs. 26 and 27.
	Over gently rolling west slope thru scattering undergrowth of shadscale and blackbrush.
7.00	Wash, 10 lks. wide, 1 ft. deep, drains SW..
40.00	On gently rolling SW. slope, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked
	¼ S27 | S26 1922
	No stone available. Pits are impracticable.
	Deposit a marked (X) sandstone, 6 x 4 x 2 ins., at the base of the monument.
45.00	Swale, 10 ft. below sec. cor., drains SW.. Ascend gradually.
77.00	Ridge, 90 ft. above, swale, bears NE. and SW.. Descend gradually.
80.00	On gentle NW. slope, 5 ft. below ridge, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 22, 23, 26 and 27, with brass cap marked
	T32S | R12E S22 | S23 S27 | S26 1922

Chains

No stone available; pits impracticable.

Deposit a marked (X) sandstone, 6 x 5 x 2 ins., at [illegible] base of the monument.

Land, rolling with a general southwesterly exposure and drainage.

Soil, deep sandy loam on gravel sub-soil.

No timber.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

East on a random line between secs. 23 and 26.

[illegible] Set temp. [illegible] sec. cor..

[illegible] Intersect the N. and S. line, 2 lks. S. of the cor. of secs. 23, 24, 25 and 26.

Thence,

[illegible] 89°59' W. on true line between secs. 23 and 26.

Ascend gentle E. slope thru scattering undergrowth of shadscale and blackbrush.

[illegible] Ridge, 1[illegible] ft. above sec. cor., bears N. and S. 10° W..

[illegible] gradually over gently rolling NW. slope.

[illegible] gentle NE. slope, 90 ft. below ridge, set an iron post, [illegible] ft. long, 1 in. in dia., 26 ins. in the ground for the [illegible] sec. cor., with brass cap marked

$$\frac{S23}{S26}$$

19[illegible]

No stone available; pits impracticable.

Deposit a marked (X) sandstone, 6 x 3 x 2 ins., at the base of the monument.

[illegible] North end of a large sandstone boulder, 4.00 chs. long, [illegible] chs. wide, [illegible] ft. high. Continue descent.

[illegible] [illegible], [illegible] ft. deep, drains S. 15° W.. Continue descent.

[illegible] [illegible], [illegible] ft. high, bears NE. and SW.. Continue descent.

[illegible] The cor. of secs. 22, 23, 26 and 27, 80 ft. below the [illegible] sec. cor.

Land, rolling with a general northwesterly exposure and

Chains	
	drainage on E. half of mile and a general southerly exposure and drainage on W. half.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	N. 0°11' E. between secs. 22 and 23.
	Over gently rolling NW. slope thru scattering undergrowth of shadscale and blackbrush. Descend gradually.
25.00	Swale, 10 ft. below sec. cor., drains west. Ascend gradually.
40.00	On gentle SW. slope, 5 ft. above swale, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

S22 | S23
1922

No stone available for mound; pits impracticable.
Deposit a marked (X) sandstone, 4 x 3 x 2 ins., at the base of the monument.

80.00	On gentle NW. slope, 50 ft. above the ¼ sec. cor., set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 14, 15, 22 and 23, with brass cap marked

T32S | R12E
S15 | S14
S22 | S23
1922

	Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.
	Land, rolling with a general northwesterly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Fair grazing.

[illegible]

N. 89°59' E. on a random line between secs. 14 and 23.

[illegible] Set temp. ¼ sec. cor..

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

Thence,

N. 89°[illegible] E. on true line between secs. 14 and 23.

Descend gradually along steep N. slope of North Wash Canyon.

[illegible] Draw, 90 ft. below sec. cor., drains N. 30° E.. Ascend abruptly.

[illegible] Spur, 100 ft. above draw, projects N. 15° E.. Descend gradually.

[illegible] On steep NW. slope, 30 ft. below spur, set an iron post, [illegible] ft. long, [illegible] in. in dia., 20 ins. in the ground for the ¼ sec. cor., with brass cap marked.

$$\frac{S14}{S23}$$

1922

[illegible] of stone, 2 ft. base, 1½ ft. high, north of corner.

[illegible] descent.

[illegible] Draw, [illegible] ft. below ¼ sec. cor., drains north. Ascend gradually.

[illegible] Spur, [illegible] ft. above draw, projects N. 15° E.. Descend gradually.

[illegible] The cor. of secs. 14, 15, 22 and 23, 140 ft. below spur.

Land, rolling with a general northerly exposur and drainage on east [illegible] chs. and a general westerly exposure and drainage on the remainder of mile.

Soil, deep sandy loam on gravel sub-soil.

[illegible]

[illegible], scattering shadscale and blackbrush.

[illegible]

[illegible] S. between secs. 14 and 15.

Descend gradually over rolling NW. slope thru scattering

Chains	
	undergrowth of shadscale and blackbrush.
20.00	Draw, 35 ft. deep, drains N. 20° E.. Continue descent.
40.00	At top of abrupt descent, bears E. and W., 250 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼

S15 | S14

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Descend abruptly.

43.10	North Wash, 50 lks. wide, 4 ft. deep, 40 ft. below ¼ sec. cor., drains S. 80° E..
	Road, in bottom of wash, bears N. 80° W. to Hanksville, Ut. and S. 80° E. to Hite, Ut..
	Ascend abruptly over red sandstone ledges.
46.90	Top of perpendicular sandstone ledge, 100 ft. high, bears E. and W.. Ascend gradual south slope.
62.90	Spur, 160 ft. above North Wash, projects SW.. Descend abruptly.
66.30	Draw, 40 ft. below spur, drains SW.. Ascend abruptly.
74.70	Spur, 60 ft. above draw, projects SW.. Descend abruptly.
80.00	In bottom of draw, 40 ft. below spur, drains SW., set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground to bedrock and supported by a large mound of stone, for the cor. of secs. 10, 11, 14 and 15, with brass cap marked

T32S	R12E
S10	S11
S15	S14

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Land, rolling with a general northerly exposure and drainage on south half of mile; rough mountainous with a general south and southwesterly exposure and drainage on N. half.

Chains	
	Soil, deep sandy loam over gravel sub-soil on south half of mile; shallow sandy loam over sandstone bedrock on north half.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	S. 89°59' E. on a random line between secs. 11 and 14.
40.00	Set temp. ¼ sec. cor..
79.98	Intersect the N. and S. line, 2 lks. S. of the cor. of secs. 11, 12, 13 and 14.
	Thence,
	West on true line between secs. 11 and 14.
	Ascend gentle SE. slope of spur thru scattering undergrowth of shadscale and blackbrush.
1.00	Top of sandstone spur, 10 ft. above sec. cor., projects SW.. Spur forms the SE. rim of a box canyon. Descend abruptly.
10.50	Bottom of box canyon, 200 ft. below spur, drains south. Ascend abruptly.
14.00	West rim of box canyon, 200 ft. above bottom, bears N. and S.. Continue to ascend less abruptly.
18.00	Draw, 25 ft. deep, drains S. 20° E.. Continue ascent.
25.00	Spur, 100 ft. above west rim of canyon, projects S. 30° W. Descend gradually.
39.99	On gentle W. slope, 90 ft. below spur, set and iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground to bedrock and supported by a large mound of stone, for the ¼ sec. cor., with brass cap marked

$$\frac{1}{4}\ \frac{S11}{S14}$$

1922

Deposit a marked (X) sandstone, 4 x 3 x 2 ins., at the base of the monument.

49.50	Draw, 35 ft. below the ¼ sec. cor., drains south. Ascend gradually.

Chains	
66.00	Spur, 20 ft. above draw, projects S.. Descend gradually.
70.00	Draw, 40 ft. below spur, drains S.. Ascend gradually.
76.00	Spur, 20 ft. below draw, projects S.. Descend gradually.
79.98	The cor. of secs. 10, 11, 14 and 15, 30 ft. below spur.
	Land, rough mountainous with a general southerly exposure and drainage.
	Soil, shallow sandy loam on sandstone bedrock.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.

N. 0°11' E. between secs. 10 and 11.

Ascend gradual SE. slope thru scattering undergrowth of shadscale and blackbrush.

30.00 Ridge, 85 ft. above sec. cor., bears N. 20° E. and S. 20° W. Descend gradually.

40.00 On gentle NW. slope, 20 ft. below ridge, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼

S10 | S11

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Continue gradual descent.

59.00 Draw, 40 ft. below ¼ sec. cor., drains S.. Ascend gradually.

80.00 On gentle S. slope, 60 ft. above draw, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 2, 3, 10 and 11, with brass cap marked

T32S | R12E
S3 | S2

S10 | S11

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Chains	
	Land, rolling with a general southwesterly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	East on a random line between secs. 2 and 11.
40.00	Set temp. ¼ sec. cor..
79.98	Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 1, 2, 11 and 12.
	Thence,
	S. 89°57' W. on true line between secs. 2 and 11.
	Descend gradual NW. slope thru scattering undergrowth of shadscale and blackbrush.
17.50	Swale, 20 ft. below sec. cor., drains S. 10° W. Ascend gradually.
34.00	Ridge, 85 ft. above swale, bears N. 15° E. and S. 15° W.. Descend abruptly over broken sandstone outcroppings.
39.99	On steep NW. slope, 70 ft. below ridge, mark a cross (X) on solid sandstone surfacerock over which, set an iron post, 3 ft. long, 1 in. in dia., in a large mound of stone for the ¼ sec. cor., with brass cap marked
	¼ S2 / S11 / 1922
	Continue descent.
42.70	Gulch, 50 ft. below ¼ sec. cor., drains S. 30° W.. Ascend abruptly over broken sandstone outcroppings.
49.00	Spur, 60 ft. above gulch, projects S. 15° W.. Descend abruptly over broken sandstone outcroppings.
56.80	Draw, 50 ft. below spur, drains south. Ascend abruptly over broken sandstone outcroppings.
59.50	Spur, 65 ft. above draw, projects SW.. Descend abruptly over broken sandstone outcroppings.
64.50	Draw, 70 ft. below spur, drains SW.. Ascend abruptly over broken sandstone outcroppings.

Chains	
78.00	Spur, 70 ft. above draw, projects S. 15° W.. Descend gradually.
79.98	The cor. of secs. 2, 3, 10 and 11, 5 ft. below spur.
	Land, rough mountainous with a general southerly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	North on a random line between secs. 2 and 3.
40.00	Set temp. ¼ sec. cor..
81.26	Intersect the north boundary of the township, 2 lks. west of the cor. of secs. 2, 3, 34 and 35, which is an iron post, 2 ins. in dia., firmly set in a large mound of stone, with brass cap marked

T31S | R12E
S34 | S35
S3 | S2
T32S
1922

	Thence,
	S. 0°01' W. on true line between secs. 2 and 3.
	Ascend gradually over rolling land thru scattering undergrowth of shadscale and blackbrush.
28.00	Draw, 15 ft. deep, drains NE.. Continue ascent.
41.26	On gentle NW. slope, 100 ft. above sec. cor., set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼
S3 | S2
1922

	Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner. Continue ascent.
48.50	Ridge, 30 ft. above ¼ sec. cor., bears NE. and SW.. Descend abruptly over broken sandstone ledges.
77.20	Gulch, 300 ft. below ridge, drains S. 10° W.. Ascend abruptly.

Chains	
81.26	The cor. of secs. 2, 3, 10 and 11, 100 ft. above general
	Land, rough mountainous broken by sandstone ledges with a general northeasterly exposure and drainage on north 48.50 chs. and a general southerly exposure and drainage on remainder of mile.
	Soil, shallow sandy loam lying on sandstone bedrock.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.

	From the cor. of secs. 3, 4, 33 and 34 on the south boundary of the township,
	N. 0°10' E. between secs. 33 and 34.
	Descend abrupt NE. slope thru scattering undergrowth of shadscale and blackbrush.
12.90	Draw, 50 ft. below sec. cor., drains NE.. Thence, over rolling land.
20.90	Wash, 20 lks. wide, 4 ft. deep, in bottom of draw 20 ft. deep, drains S. 70° E..
35.90	Draw, 30 ft. deep, drains east. Ascend gradually.
40.00	On rolling land, 50 ft. above draw, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked.
	S33 ¼ S34
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.
	From this corner, the SE. cor. of the Trachyte field fence bears S. 24°10' W., 11.95 chs. distant.
	Continue over rolling land.
48.90	Top of abrupt descent, bears N. 70° E. and S. 70° W..
50.90	Draw, 45 ft. below top of descent, drains east. Descend gradually.
64.90	Swale, 40 ft. below draw, drains N. 65° E.. Ascend gradually.
80.00	On gentle SW. slope, 30 ft. above swale, set an iron post,

Chains	
	3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 27, 28, 33 and 34, with brass cap marked
	T32S | R12E S28 | S27 S33 | S34 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.
	Land, rolling with a general easterly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	East on a random line between secs. 27 and 34.
40.00	Set temp. ¼ sec. cor..
80.04	Intersect the N. and S. line, 9 lks. N. of the cor. of secs. 26, 27, 34 and 35.
	Thence,
	N. 89°56' W. on true line between secs. 27 and 34.
	Descend gradually over gently rolling W. slope thru scattering undergrowth of shadscale and blackbrush.
3.50	A large sandstone boulder, 3.00 chs. long, 3.00 chs. wide, 70 ft. high, bears south 2.00 chs. distant.
40.02	On gentle W. slope, 50 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked
	¼ S27 / S34 1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.
	Continue gradual descent.
44.00	Wash, 75 lks. wide, 6 ft. deep, 10 ft. below the ¼ sec. cor., drains SE.. Thence, over rolling land.
49.00	Same wash, drains NE..
75.00	Same wash, drains S. 75° E..
80.04	The cor. of secs. 27, 28, 33 and 34.

Chains	
	Land, rolling with a general westerly exposure and drainage on E. half of mile and a general easterly exposure and drainage on W. half.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	N. 0°10' E. between secs. 27 and 28.
	Ascend gradually over rolling land thru scattering undergrowth of shadscale and blackbrush.
3.00	Wash, 20 lks. wide, 4 ft. deep, drains SE.. Continue gradual ascent over rolling land.
28.00	Bend in ridge, 10 ft. above sec. cor., bears N. 60° E. and NW.. Descend gradually.
40.00	On gentle NE. slope, 10 ft. below ridge, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

$\frac{1}{4}$

S28 | S27

1922

Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist. Thence over rolling land.

61.00	Base of sandstone ledge, bears NE. and SW.. Asc. agruptly.
66.20	Top of sandstone ledge, 95 ft. above base, bears NE. and SW. Descend abruptly.
68.00	Base of sandstone ledge, 95 ft. below top, bears NE. and SW.. Thence, over rolling land.
80.00	On gentle east slope, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 21, 22, 27 and 28, with brass cap marked

T32S	R12E
S21	S22
S28	S27

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Subdivision of T. 32 S., R. 12 E.

Chains	
	Land, rolling with a general southerly exposure and drain- on south 28.00 chs. and a general northeasterly exposure and drainage on remainder of mile.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	S. 89°56' E. on a random line between secs. 22 and 27.
40.00	Set temp. ¼ sec. cor..
80.02	Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 22, 23, 26 and 27.
	Thence,
	N. 89°59' W. on true line between secs. 22 and 27.
	Descend gentle W. slope thru scattering undergrowth of shadscale and blackbrush.
23.00	Head of swale, 5 ft. below sec. cor., drains north. Ascend gradually.
33.00	Ridge, 25 ft. above swale, bears N. and S.. Descend gradual W. slope of basin.
40.01	On gentle W. slope of basin, 75 ft. below ridge, set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked
	1/4 S22 / S27 1922
	No stone for mound available; pits impracticable.
	Deposit a marked (X) sandstone, 6 x 4 x 2 ins., at the base of the monument.
	Continue gradual descent.
45.00	East edge of basin, 5 ft. below ¼ sec. cor., bears NE. 15 chs. and SW. 15 chs.. Thence over level bottom of basin .
55.00	West edge of basin, bears NE. and SW.. Ascend gradual east slope.
80.02	The cor. of secs. 21, 22, 27 and 28, 120 ft. above bottom of basin.

Chains	
	Land, rolling with a general westerly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	N. 0°10' E. between secs. 21 and 22.
	Ascend gradually over gently rolling E. slope thru scattering undergrowth of shadscale and blackbrush.
40.00	On gentle SE. slope, 20 ft. above sec. cor., set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

S21 | S22

1922

	No stone for mound available; pits impracticable.
	Deposit a marked (X) sandstone, 8 x 5 x 2 ins., at the base of the monument.
75.50	Ridge, 20 ft. above ¼ sec. cor., bears NE. and SW.. Descend gradually.
80.00	On gentle NW. slope, 5 ft. below ridge, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 15, 16, 21 and 22, with brass cap marked

T32S S16	R12 E S15
S21	S22

1922

	No stone for mound available; pits impracticable.
	Deposit a marked (X) sandstone, 8 x 6 x 2 ins., at the base of the monument.
	Land, rolling with a general easterly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.

Chains	
	S. 89°59' E. on a random line between secs. 15 and 22.
40.00	Set temp. ¼ sec. cor..
80.00	Intersect the N. and S. line, 2 lks. N. of the cor. of secs. 14, 15, 22 and 23.
	Thence,
	N. 89°58' W. on true line between secs. 15 and 22.
	Descend gradually over gently rolling NW. slope thru scattering undergrowth of shadscale and blackbrush.
18.00	A large sandstone boulder, 3.00 chs. long in a N. and S. direction, 1.00 chs. wide in an E. and W. direction, bears south, 1.00 chs. distant.
27.00	Swale, 40 ft. below sec. cor., drains N.. Ascend gradually.
40.00	On gently rolling NE. slope, 20 ft. above swale, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked ¼ S15/S22 1922 No stone for mound available; pits impracticable. Deposit a marked (X) sandstone, 6 x 4 x 2 ins., at the base of the monument. Continue gradual ascent.
74.20	Ridge, 100 ft. above ¼ sec. cor., bears NE. and SW.. Descend gradually.
80.00	The cor. of secs. 15, 16, 21 and 22, 5 ft. below ridge.
	Land, rolling with a general northwesterly exposure and drainage on E. 27.00 chs. and a general southeasterly exposure and drainage on remainder of mile.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.

Subdivision of T. 32 S., R. 12 E.

Chains	
	N. 0°10' E. between secs. 15 and 16.
	Over gently rolling land thru scattering undergrowth of shadscale and blackbrush.
4.00	Bottom of swale, 10 ft. deep, drains NE..
40.00	On gentle N. slope, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked.

¼
S16 | S15
1922

	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.
64.00	Top of abrupt descent into Cottonwood Wash, bears E. and W.
70.50	Small stream of good water, 3 lks. wide, 2 ins. deep, in bottom of Cottonwood Wash, 120 ft. below top of abrupt descent, drains east. Ascend gradually over sandstone surfacerock.
80.00	On gentle S. slope, 60 ft. above Cottonwood Wash, mark a cross (X) on solid sandstone surfacerock at the exact corner point over which, set an iron post, 3 ft. long, 2 ins. in dia., in a large mound of stone for the cor. of secs. 9, 10, 15 and 16, with brass cap marked

T32S S9	R12E S10
S16	S15

1922

	Land, rolling with a general northerly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil except along Cottonwood Wash where it is shallow sandy loam lying on sandstone bedrock.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair, grazing.
	S. 89°58' E. on a random line between secs. 10 and 15.
40.00	Set temp. ¼ sec. cor..
80.00	Intersect the N. and S. line, 5 lks. S. of the cor. of

Subdivision of T. 32 S., R. 12 E.

Chains	
	secs. 10, 11, 14 and 15.
	Thence,
	West on true line between secs. 10 and 15.
	Ascend gentle E. slope thru scattering undergrowth of shadscale and blackbrush.
8.00	Spur, 50 ft. above sec. cor., projects south. Descend gradually.
28.60	North Wash, 75 lks. wide, 4 ft. deep, 100 ft. below spur, drains SE..
	Road in bottom of wash, bears NW. to Hanksville, Ut., and SE. to Hite, Utah.
	A scattering growth of cottonwood trees and oak and rabbit brush along this wash.
	Ascend gradually.
40.00	On gentle SE. slope, 55 ft. above North Wash, set an iron post, 4 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked
	S10 / S15 / 1922
	Raise a mound of stone, 4 ft. base, 1½ ft. high, N. of cor.
	Continue ascent.
50.00	Top of ascent, 85 ft. above ¼ sec. cor., bears NW. and SE. Thence over gentle south slope.
65.10	Draw, 60 ft. deep, drains SE..
75.00	Enter sandstone surfacerock, bears NW. and SE.
80.00	The cor. of secs. 9, 10, 15 and 16.
	Land, rolling with a general southwesterly exposure and drainage on east 28.00 chs. and a general southeasterly exposure and drainage on remainder of mile.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Timber, scattering cottonwood only along North Wash.
	Undergrowth, scattering shadscale and blackbrush with a scattering growth of oak and rabbit brush along North Wash.
	Fair grazing.

Chains

N. 0°10' E. between secs. 9 and 10.

Ascend gradual S. slope over sandstone surfacerock, thru scattering undergrowth of shadscale and blackbrush.

5.00 Ridge, 40 ft. above sec. cor., bears E. and W..

Leave sandstone surfacerock, bears E. and W..

Descend gradually.

40.00 On gentle N. slope, 25 ft. below ridge, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor. with brass cap marked

¼

S9 | S10.

1922

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

Continue descent.

46.50 Draw, 20 ft. below ¼ sec. cor., drains east. Thence over rolling land.

80.00 On gentle NE. slope, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 3, 4, 9 and 10, with brass cap marked

T32S | R12 E
S4 | S3
S9 | S10

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Land, rolling with a general easterly exposure and drainage.

Soil, deep sandy loam on gravel sub-soil.

No timber.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

East on a random line between secs. 3 and 10.

40.00 Set temp. ¼ sec. cor..

1.50 Intersect the N. and S. line, at the cor. of secs. 2, 3, 10 and 11.

Thence,

West on true line between secs. 3 and 10.

Chains	
	Over rolling land thru scattering undergrowth of shadscale and blackbrush.
3.30	Gulch, 60 ft. deep, drains south.
40.04	On top of abrupt descent, bears NW. and SE., set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked ¼ S3 / S10 1922 No stone for mound available; pits impracticable. Deposit a marked (X) sandstone, 6 x 4 x 3 ins., at the base of the monument. Descend abruptly.
56.10	Stream of good water, 4 lks. wide, 2 ins. deep, in bottom of North Wash, 75 lks. wide, 5 ft. deep, drains SE.. A scattering growth of cottonwood trees and rabbit brush along this wash. Ascend gradually.
56.50	Road bears NW. to Hanksville, Ut., and SE. to Hite, Ut..
80.09	The cor. of secs. 3, 4, 9 and 10, 40 ft. above North Wash. Land, rolling with a general southwesterly exposure and drainage on east 50.00 chs. and a general northwesterly exposure and drainage on remainder of mile. Soil, deep sandy loam on gravel sub-soil. Timber, scattering cottonwood only along the bottom of North Wash. Undergrowth, scattering shadscale and blackbrush with a scattering growth of rabbit brush along the bottom of North Wash. Fair grazing.
	N. 0°01' E. on a random line between secs. 3 and 4.
40.00	Set temp. ¼ sec. cor..
81.19	Intersect the north boundary of the township, 7 lks. W. of the cor. of secs. 3, 4, 33 and 34, which is an iron post, 2 ins. in dia., firmly set in the ground, with brass cap marked

T31S S33	R12E S34
S4	S3

T32S
1922

and witnessed by a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Thence,

[illegible] W. on true line between secs. 3 and 4.

Descend gradually along broken E. slope, over sandstone ledges and thru scattering undergrowth of shadscale and blackbrush.

[illegible] Drw, [illegible] ft. deep, drains east.

[illegible] On gentle E. slope, 85 ft. below sec. cor., mark a cross (X) on solid sandstone surfacerock over which, set an iron post, [illegible] ft. long, 1 in. in dia., in a large mound of stone for the sec. cor., with brass cap marked

S4	S3

1922

Place a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Continue descent.

[illegible] North Wash, 70 lks. wide, 5 ft. deep, 50 ft. below the sec. cor., drains SE.. Ascend gradually; no ledges. Soil, in bottom of wash, bears NW. to Hanksville, Ut. and SE. to Mite, Utah.

[illegible] scattering growth of cottonwood trees and rabbit brush along this wash.

[illegible] The cor. of secs. 3, 4, 9 and 10, 30 ft. above North Wash.

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

Soil, shallow sandy loam lying on sandstone bedrock.

Timber, scattering cottonwood only along North Wash.

Undergrowth, scattering shadscale and blackbrush with a scattering growth of rabbit brush along the bottom of North Wash

Fair grazing.

Chains	
	From the cor. of secs. 4, 5, 32 and 33 on the south boundary of the township,
	N. 0°9' E. between secs. 32 and 33.
	Ascend gentle SE. slope thru scattering undergrowth of shadscale and blackbrush.
3.00	Ridge, 10 ft. above sec. cor., bears N. 60° E. and S. 60° W. Thence, over gently rolling bench land.
4.60	Fence, 4 barbed wires, bears N. 80° E. and S. 80° W.. Enter cultivated land.
28.50	Hay corral bears east 3.00 chs. distant.
40.00	On level bench land, in cultivated field, set an iron post, 3 ft. long, 1 in. in dia., 36 ins. in the ground for the ¼ sec. cor., with brass cap marked

S32 | S33

1922

No stone for mound available; pits impracticable.

Deposit a marked (X) sandstone, 6 x 3 x 2 ins., at the base of the monument.

From this corner:

A cabin, which was the original homestead of the Trachyte Ranch, bears S. 64°15' W. approximately 8.00 chs. distant.

A hay corral bears N. 68°45' E. approximately 10.00 chs. distant.

55.10	Leave cultivated land, bears N. 60° E. and S. 60° W..
55.80	Head of draw, 10 ft. deep, drains N. 15° E..
68.20	Leave bench, bears NE. and SW.. Descend gradually.
80.00	On gentle N. slope, 75 ft. below bench, set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground and supported by a mound of stone, for the cor. of secs. 28, 29, 32 and 33, with brass cap marked

T32S | R12E
S29 | S28
S32 | S33

1922

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

Chains	
	Land, rolling with a general westerly exposure and drainage.
	Soil, deep sandy loam lying on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	East on a random line between secs. 28 and 33.
40.00	Set temp. ¼ sec. cor..
80.00	Intersect the N. and S. line, 5 lks. N. of the cor. of secs. 27, 28, 33 and 34..
	Thence,
	N. 89°58' W. on true line between secs. 28 and 33.
	Over rolling land thru scattering undergrowth of shadscale and blackbrush.
2.20	NE. corner of Trachyte field fence bears south 40 lks. distant.
3.90	Wash, 20 lks. wide, 4 ft. deep, drains NE..
8.00	Fence, 4 barbed wires, bears N. 88°20' W. and S. 88°20' E.
21.00	Same wash, drains SE..
28.20	Same wash, drains north.
40.00	On gentle SW. slope, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

$$\frac{1}{4}\ \frac{S28}{S33}$$

1922

	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.
43.70	Same wash, drains SE..
72.00	Draw, 5 ft. deep, drains NE..
80.00	The cor. of secs. 28, 29, 32 and 33.
	Land, rolling with a general easterly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.

Chains	
	N. 0°09' E. between secs. 28 and 29.
	Descend gentle N. slope thru scattering undergrowth of shadscale and blackbrush.
2.30	Fence, 4 barbed wires, bears N. 88° W. and S. 88° E.
8.80	Right bank of wash, 6 ft. high, 20 ft. below sec. cor., bears N. 10° E. and S. 10° W...Thence, over bottom of wash.
14.50	Center of wash, drains S. 60° E.
15.50	Left bank of wash, bears W. and S. 60° E. Ascend gradually.
30.00	Enter red sandstone surfacerock, bears E. and W..
40.00	On gentle SE. slope, 60 ft. above wash, mark a cross (X) on solid sandstone surfacerock at the exact corner point, over which, set an iron post, 3 ft. long, 1 in. in dia., in a large mound of stone for the ¼ sec. cor., with brass cap marked
	¼ S29 | S28 1922
	Continue ascent.
44.50	Ridge, 40 ft. above the ¼ sec. cor., bears N. 30° E. and S. 30° W.. Descend gradually.
48.50	Head of draw, 15 ft. below ridge, drains S. 30° W.. Leave sandstone surfacerock, bears N. 30° E. and S. 30° W. Ascend gradually.
80.00	On gentle S. slope, 25 ft. above head of draw, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 20, 21, 28 and 29, with brass cap marked
	T32S | R12E S20 | S21 S29 | S28 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.
	Land, rolling, broken by sandstone outcroppings with a general southeasterly exposure and drainage on south half of mile and a general northwesterly exposure and

Chains	
	drainage on north half.
	Soil, shallow sandy loam lying on sandstone bedrock.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	S. 89°58' E. on a random line between secs. 21 and 28.
40.00	Set temp. ¼ sec. cor..
80.00	Intersect the N. and S. line, 9 lks. S. of the cor. of secs. 21, 22, 27 and 28.
	Thence,
	S. 89°58' W. on true line between secs. 21 and 28.
	Ascend gentle E. slope thru scattering undergrowth of shadscale and blackbrush.
10.00	Ascent becomes abrupt, bears N. and S.
16.00	Top of abrupt ascent, 140 ft. above sec. cor., bears N. and S.. Thence, ascend gradually.
40.00	On gentle E. slope, 150 ft. above top of abrupt ascent, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked
	¼ S21 / S28 / 1922
	No stone for mound available; pits impracticable.
	Deposit a marked (X) sandstone, 7 x 6 x 2 ins., at the base of the monument.
	Ascend gradually.
57.00	Ridge, 75 ft. above the ¼ sec. cor., bears NE. and SW.. Descend gradually.
80.00	The cor. of secs. 20, 21, 28 and 29, 75 ft. below ridge.
	Land, rolling with a general easterly exposure and drainage on east 57.00 chs. and a general westerly exposure and drainage on remainder of mile.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.

Chains	
	N. 0°09' E. between secs. 20 and 21.
	Ascend gentle S. slope thru scattering undergrowth of shadscale and blackbrush.
7.00	Spur, 10 ft. above sec. cor., projects west. Descend gradually over gently rolling N. slope.
40.00	On gentle N. slope, 90 ft. below spur, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked ¼ S20 | S21 1922 Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.
	Continue descent.
46.00	Draw, 10 ft. deep, drains N. 10° E.. Continue descent.
80.00	On gentle N. slope, 80 ft. below the ¼ sec. cor., set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 16, 17, 20 and 21, with brass cap marked B3.9 | B1.4 S17 | S16 S20 | S21 1922 Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of corner, 3 ft. distant.
	Land, rolling with a general northerly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	N. 89°58' E. on a random line between secs. 16 and 21.
40.00	Set temp. ¼ sec. cor..
80.10	Intersect the N. and S. line, 5 lks. N. of the cor. of secs. 15, 16, 21 and 22.
	Thence,
	West on true line between secs. 16 and 21.

Chains

Descend gentle NW. slope thru scattering undergrowth of shadscale and blackbrush.

3.00 Head of swale, 5 ft. below sec. cor., drains NE.. Ascend gradually.

17.00 Spur, 60 ft. above head of swale, projects NE.. Descend gradually.

27.00 Swale, 20 ft. below spur, drains NE.. Ascend gradually.

40.00 On gentle N. slope, 10 ft. above swale, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the 1/4 sec. cor., with brass cap marked

1/4 S16 / S21 1922

No stone for mound available; pits impracticable.

Deposit a marked (X) sandstone, 6 x 4 x 2 ins., at the base of the monument.

Thence, over gently rolling north slope.

[illegible] Swale, 5 ft. deep, drains NE..

[illegible] The cor. of secs. 16, 17, 20 and 21.

Land, rolling with a general northerly exposure and drainage.

Soil, deep sandy loam on gravel sub-soil.

No timber.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

N. 0[illegible] E. between secs. 16 and 17.

Descend gentle N. slope thru scattering undergrowth of shadscale and blackbrush.

[illegible] Descent becomes abrupt, bears NE. and SW..

[illegible] Cottonwood Wash, 1.00 chs. wide, 5 ft. deep, 65 ft. below sec. cor., drains NE.. Ascend gradually.

[illegible] On gentle NE. slope, 25 ft. above Cottonwood Wash, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the 1/4 sec. cor., with brass cap marked

Chains	
	S17 | S16 (¼) 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.
	Continue ascent.
41.00	Spur, 2 ft. above the ¼ sec. cor., projects NE.. Descend abruptly.
45.00	Wash, 30 lks. wide, 4 ft. deep, 30 ft. below spur, drains N. 60° E.. Ascend gradually.
80.00	On gentle S. slope, 50 ft. above wash, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 8, 9, 16 and 17, with brass cap marked T32S | R12E; S8 | S9; S17 | S16; 1922
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of corner, 3 ft. distant.
	Land, rolling with a general easterly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	East on a random line between secs. 9 and 16.
40.00	Set temp. ¼ sec. cor..
80.00	Intersect the N. and S. line, 5 lks. W. of the cor. of secs. 9, 10, 15 and 16.
	Thence,
	N. 89°58' W. on true line between secs. 9 and 16.
	Along gently rolling S. slope, over sandstone surfacerock and thru scattering undergrowth of shadscale and blackbrush.
15.00	Leave sandstone surfacerock, bears NE. and SW..

Subdivision of T. 32 S., R. 12 E.

Chains	
40.03	On gentle S. slope, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked ¼ S9 / S16 1922 Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.
80.06	The cor. of secs. 8, 9, 16 and 17.
	Land, rolling with a general southerly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	N. 0°09' E. between secs. 8 and 9.
	Ascend gentle SE. slope thru scattering undergrowth of shadscale and blackbrush.
20.00	Ridge, 45 ft. above sec. cor., bears N. 80° W. and S. 80° E.. Descend gradually over gently rolling bench land.
37.00	Swale, 15 ft. below ridge, drains E.. Ascend gradually.
38.60	Net wire fence, bears E. and W..
40.00	On gentle S. slope, 5 ft. above swale, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked ¼ S8 | S9 1922 Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.
	Continue gradual ascent over gently rolling bench land.
80.00	On top of ridge, 45 ft. above the ¼ sec. cor., bears W. and S. 60° E., set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 4, 5, 8 and 9, with brass cap marked

Subdivision of T. 32 S., R. 12 E.

Chains	
	T32S R12E S3 | S4 S8 | S9 1922
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of corner, 3 ft. distant.
	Land, rolling with a general easterly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	S. 89°58' E. on a random line between secs. 4 and 9.
40.00	Set temp. ¼ sec. cor..
80.04	Intersect the N. and S. line, 2 lks. S. of the cor. of secs. 3, 4, 9, and 10.
	Thence,
	N. 89°59' W. on true line between secs. 4 and 9.
	Ascend gradually over gently rolling NE. slope thru scattering undergrowth of shadscale and blackbrush.
15.30	Draw, 20 ft. deep, drains N. 75° E.. Continue ascent.
40.02	On gentle NE. slope, 155 ft. above sec. cor., set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground for the ¼ sec. cor., with brass cap marked ¼ S4 / S9 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, north of corner.
54.40	Net wire fence, bears N. and S..
80.04	The cor. of secs. 4, 5, 8 and 9, 60 ft. above the ¼ sec. cor..
	Land, rolling with a general easterly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.

Chains	
	Undergrowth, scattering shadscale and blackbrush. Fair grazing.
	N. 0°04' E. on a random line between secs. 4 and 5.
40.00	Set temp. ¼ sec. cor..
81.21	Intersect the north boundary of the township at the cor. of secs. 4, 5, 32 and 33, which is an iron post, 2 ins. in dia., firmly set in a mound of stone, with brass cap marked

T31S S32	R12E S33
S5	S4

T32S
1922

	Thence,
	S. 0°04' W. on true line between secs. 4 and 5.
	Ascend abruptly over broken N. slope thru scattering undergrowth of shadscale and blackbrush.
8.70	North edge of bench, 80 ft. above sec. cor., bears west and S. 80° E.. Thence, over rolling top of bench.
19.20	Head of draw, 10 ft. deep, drains east.
29.30	South edge of bench, bears E. and W.. Descend abruptly over sandstone ledges.
36.20	Road bears E. to Hite, Ut. and W. to Hanksville, Ut.. Thence, over rolling bottom of North Wash, 115 ft. below bench. Scattering cottonwood timber along wash.
40.21	On rolling bottom of North Wash.
	As true point for the ¼ sec. cor. will fall in bottom of wash where a permanent corner cannot be set; at this point: Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for witness cor. to the ¼ sec. cor. of secs. 4 and 5, with brass cap marked

¼

S5 | S4

WC
1922

from which

A cottonwood, 14 ins. in dia., bears N. 4°45' E., 99 lks. dist., marked WC ¼ S 4 BT

Chains	
	A cottonwood, 20 ins. in dia., bears N. 22° W., 92 lks. dist., marked WC ¼ S 5 BT
	Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.
	From this corner, Andrew Ekker's house bears S. 89°15' W..
	Continue over rolling bottom of North Wash.
40.81	Left bank of wash, bears N. 80° W. and S. 80° E.. Thence, over bottom of wash.
41.21	True point for ¼ sec. cor. in bottom of wash where a permanent corner cannot be set. No corner set.
44.40	Stream of good water, 4 lks. wide, 4 ins. deep, drains S. 80° E..
44.70	Right bank of wash, bears W. and S. 80° E.. Ascend abruptly.
45.45	Top of abrupt ascent, 50 ft. above wash, bears west and S. 80° E.. Ascend gradually over gently rolling bench land.
47.20	Fence, 4 barbed wires, bears N. 60° W. and S. 60° E..
81.21	The cor. of secs. 4, 5, 8 and 9, 10 ft. above top of abrupt ascent.
	Land, rolling broken by a few sandstone ledges on the N. side of North Wash. General easterly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	Timber, scattering cottonwood only along North Wash.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	From the cor. of secs. 5, 6, 31 and 32 on the south boundary of the township,
	N. 0°09' E. between secs. 31 and 32.
	Ascend gradually over broken top of mesa thru scattering cedar and pinon timber and scattering undergrowth of shadscale and blackbrush.
14.83	A cabin, which was the original homestead of the Trachyte Ranch, bears N. 73°37' E.
15.00	Spur, 30 ft. above sec. cor., projects SE.. Descend gradually.

Chains	
27.80	Rim of mesa bears NW. and SE.. Descend abruptly over steep NE. slope broken with sandstone ledges.
40.00	On steep NE. slope, 200 ft. below spur, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼

S31 | S32

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner. No bearing trees available.

Continue abrupt descent.

42.00	Base of abrupt descent, 30 ft. below the ¼ sec. cor., bears NW. and SE.. Thence, over rolling bottom land.
58.30	Fence, 4 barbed wires, bears N. 22° E. 12.00 chs. dist. and S. 22° W. 15.00 chs. distant.
63.50	Wash, 70 lks. wide, 6 ft. deep, drains SE.. Continue over rolling bottom land.
80.00	On rolling bottom land, set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground to bedrock and supported by a large mound of stone , for the cor. of secs. 29, 30, 31 and 32, with brass cap marked

T32S	R12E
S30	S29
S31	S32

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner. No bearing trees available.

From this corner, a lone sandstone rock, 8 ft. high, bears S. 41° W., 157 lks. distant.

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

Soil, shallow sandy loam lying on sandstone bedrock.

Timber, scattering cedar and pinon.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

Chains	
	East on a random line between secs. 29 and 32.
40.00	Set temp. ¼ sec. cor..
79.98	Intersect the N. and S. line, 16 lks. S. of the cor. of secs. 28, 29, 32 and 33.
	Thence,
	S. 89°53' W. on true line between secs. 29 and 32.
	Descend gradually over gently rolling N. slope thru scattering undergrowth of shadscale and blackbrush.
4.60	Draw, 15 ft. deep, drains north. Continue descent.
18.70	Wash, 30 lks. wide, 4 ft. deep, 10 ft. below sec. cor., drains N. 6.00 chs., then E.. Ascend gradually.
26.00	Spur, 5 ft. above wash, projects north. Descend gradually.
30.60	Road bears NW. to main Hanksville-South Mountain road and SE. to Trachyte hay field.
35.00	Swale, 5 ft. below spur, drains N. 60° E.. Ascend gradually.
39.99	On gentle SE. slope, 5 ft. above swale, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked
	S29 / S32 / 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.
	Continue ascent.
42.20	Road bears N. to Hanksville, Ut. and S. to South Mountain.
47.00	Top of spur from west, 20 ft. high, projects NE.. Continue ascent along top of spur.
57.30	Base of abrupt ascent, bears N. and S.. Ascend steep S. slope over broken sandstone ledges.
67.30	Spur, 330 ft. above the ¼ sec. cor., projects S. 10° W.. Descend abruptly.
79.98	The cor. of secs. 29, 30, 31 and 32, 290 ft. below spur.
	Land, east 60.00 chs. rolling, remainder of mile rough mountainous broken by sandstone ledges. General easterly exposure and drainage.

Chains	
	Soil, deep sandy loam over gravel sub-soil on east 60.00 chs. and shallow sandy loam over sandstone bedrock on remainder of mile.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	West on a random line between secs. 30 and 31.
40.00	Set temp. ¼ sec. cor..
78.02	Intersect the west boundary of the township, 28 lks. S. of the cor. of secs. 25, 30, 31 and 36.
	Thence,
	S. 89°48' E. on true line between secs. 30 and 31.
	Descend steep NE. slope over broken sandstone ledges thru scattering undergrowth of shadscale and blackbrush and scattering cedar and pinon timber.
13.20	Head of gulch, 110 ft. below sec. cor., drains SE.. Ascend abruptly over broken sandstone ledges.
25.20	Spur, 85 ft. above head of gulch, projects SE.. Descend gradually.
38.02	On gentle NE. slope, 100 ft. below spur, mark a cross (X) at the exact cor. point, on solid sandstone surfacerock, over which, set an iron post, 3 ft. long, 1 in. in dia., in a large mound of stone for the ¼ sec. cor., with brass cap marked
	¼ S30 / S31 / 1922
	No bearing trees available.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, north of corner.
	Continue gradual descent.
46.30	Top of abrupt descent which forms the east rim of a broken mesa, 20 ft. below the ¼ sec. cor., bears NW. and SE.. Descend abruptly over broken sandstone ledges.
56.00	Base of abrupt descent, 245 ft. below top, bears NW. and SE. Thence, over rolling bottom land.

Chains	
75.40	Wash, 40 lks. wide, 4 ft. deep, drains S. 15° E.. Continue over rolling bottom land.
78.02	The cor. of secs. 29,30, 31 and 32.
	Land, rough mountainous broken by sandstone ledges with a general easterly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Timber, scattering cedar and pinon.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	N. 0°09' E. between secs. 29 and 30.
	Over rolling bottom land thru scattering undergrowth of shadscale and blackbrush.
7.00	Bottom of steep W. slope of mesa, bears N. 20° W. and S. 20° E.. Ascend gradually over broken sandstone ledges.
40.00	On broken SW. slope, 130 ft. above sec. cor., set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground to bedrock and supported by a large mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S30 | S29 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.
	Ascend abruptly.
44.90	South rim of mesa, 115 ft. above the ¼ sec. cor., bears SW. and SE.. Ascend gradually over broken top of mesa.
53.12	A cabin which was the original homestead of the Trachyte Ranch, bears S. 35°10' E.
65.50	Ridge, 30 ft. above south rim of mesa, bears NW. and SE.
66.60	NE. rim of mesa, bears NW. and SE.. Descend abruptly over broken sandstone ledges.
80.00	On broken NE. slope, 195 ft. below NE. rim of mesa, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 19, 20, 29 and 30, with brass cap marked

Chains

T32S	R12E
S19	S20
S30	S29

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Land, rough mountainous broken by sandstone ledges with a general westerly exposure and drainage on south 65.00 chs. and a general northeasterly exposure and drainage on remainder of mile.

Soil, shallow sandy loam lying on sandstone bedrock.

No timber.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

N. 89°53' E. on a random line between secs. 20 and 29.

40.00 Set temp. ¼ sec. cor..

79.24 Intersect the N. and S. line, 26 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence,

N. 89°53' W. on true line between secs. 20 and 29.

Descend gradually over gently rolling SW. slope thru scattering undergrowth of shadscale and blackbrush.

39.00 Swale, 70 ft. below sec. cor., drains N.. Ascend gradually.

39.92 On gentle E. slope, 5 ft. above swale, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼ S20 / S29

1922

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

Continue gradual ascent.

42.00 Road bears N. to Hanksville, Ut. and S. to South Mountain.

44.00 Draw, 10 ft. deep, drains NE..

70.00 Ascent becomes abrupt, bears N. 30° W. and S. 30° E..

79.24 The cor. of secs. 19, 20, 29 and 30, 370 ft. above ¼ cor.

Chains	
	Land, rolling with a general westerly exposure and drainage on east half of mile and a general northeastern exposure and drainage on west half.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.

	N. 89°48' W. on a random line between secs. 19 [illegible].
40.00	Set temp. ¼ sec. cor..
78.13	Intersect the west boundary of the township, 14 lks. [illegible] of the cor. of secs. 19, 24, 25 and 30.
	Thence,
	S. 89°54' E. on true line between secs. 19 and 30.
	Ascend gentle NW. slope thru scattering undergrowth of shadscale and blackbrush and cedar and pinon timber.
9.10	Spur, 40 ft. above sec. cor., projects SW.. Descend gradually.
32.10	Gulch, 60 ft. below spur, drains NW.. Ascend gradually.
38.13	On gentle NW. slope, 20 ft. above gulch, set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground [illegible] ¼ sec. cor., with brass cap marked
	¼ S19 / S30 , 19[illegible].
	from which
	A cedar, 12 ins. in dia., bears N. 30° E., [illegible] dist., marked " S 19 BT
	A cedar, 12 ins. in dia., bears S. 8° W., [illegible] dist., marked " S 30 BT
	Continue ascent.
45.70	Ridge, 30 ft. above the ¼ sec. cor., bears NW. and SE.. Descend gradually over broken top of mesa.
70.50	Rim of mesa, 115 ft. below ridge, bears N. 30° W. and S. 30° E.. Descend abruptly over broken sandstone ledges.
	Leave timber, bears N. 30° W. and S. 30° E..

Chains	
78.13	The cor. of secs. 19, 20, 29 and 30, 265 ft. below rim. Land, broken with a general southerly exposure and drainage. Soil, shallow sandy loam lying on sandstone bedrock. Timber, scattering cedar and pinon on W. 70.50 chs. Undergrowth, scattering shadscale and blackbrush. Fair grazing.
	N. 0°09' E. between secs. 19 and 20. Descend gradually over broken NE. slope of mesa thru scattering undergrowth of shadscale and blackbrush.
3.50	Draw, 30 ft. below sec. cor., drains NE.. Ascend gradually.
7.00	Spur, 35 ft. above draw, projects E.. Descend abruptly.
12.00	Base of mesa, 50 ft. below spur, bears NW. and SE.. Thence, over rolling land.
40.00	On rolling land, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

1

S19 | S20

1922

No stone for mound available; pits impracticable. Deposit a marked (X) sandstone, 7 x 4 x 2 ins., at the base of the monument. Continue over rolling land.

44.70	Wash, 30 lks. wide, 4 ft. deep, drains NE..
73.50	Cottonwood Wash, 50 lks. wide, 5 ft. deep, drains NE..
80.00	On gently rolling S. slope, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 17, 18, 19 and 20, with brass cap marked

T32S	R12E
S18	S17
S19	S20

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Chains	
	Land, broken on S. portion with a general northeasterly exposure and drainage; rolling on N. portion with a general easterly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	S. 89°56' E. on a random line between secs. 17 and 20.
40.00	Set temp. ¼ sec. cor..
79.84	Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 16, 17, 20 and 21.
	Thence,
	N. 89°59' W. on true line between secs. 17 and 20.
	Descend gentle W. slope, thru scattering undergrowth of shadscale and blackbrush.
7.00	Swale, 3 ft. below sec. cor., drains N.. Ascend gradually.
32.00	Point of spur, 80 ft. above swale, projects NE.. Descend abruptly over broken sandstone ledges.
39.92	On steep NW. slope, 70 ft. below spur, mark a cross (X) on solid sandstone surfacerock a the exact cor. point, over which, set an iron post, 4 ft. long, 1 in. in dia., in a large mound of stone for the ¼ sec. cor., with brass cap marked ¼ S17 / S20 1922 Continue descent.
44.00	Draw, 10 ft. below the ¼ sec. cor., drains NE.. Ascend gradually.
48.50	Spur, 15 ft. above draw, projects NE.. Descend gradually.
54.70	Draw, 15 ft. deep, drains north. Continue descent.
	Road, in bottom of draw, bears N. to Hanksville, Ut. and S. to South Mountain.
65.30	Cottonwood Wash, 30 lks. wide, 3 ft. deep, 20 ft. below spur, drains NE.. Thence, over rolling land.

Chains	
79.84	The cor. of secs. 17, 18, 19 and 20.
	Land, rolling with a general northeasterly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	N. 89°54' W. on a random line between secs. 18 and 19.
40.00	Set temp. ¼ sec. cor..
78.05	Intersect the west boundary of the township, at the cor. of secs. 13, 18, 19 and 24.
	Thence,
	S. 89°54' E. on true line between secs. 18 and 19.
	Ascend steep S. slope over broken sandstone ledges and thru scattering undergrowth of shadscale and blackbrush.
13.00	Top of sandstone point, 300 ft. above sec. cor., projects south. Descend abruptly over broken sandstone ledges.
38.05	On steep SE. slope of mesa, 250 ft. below top of sandstone point, set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground to bedrock and in a large mound of stone for the ¼ sec. cor., with brass cap marked
	¼ S18 / S19 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, north of corner.
	Descend gradually over broken SE. slope.
49.00	Base of descent, bears N. 15° E. and S. 80° W.. Thence, over rolling land.
78.05	The cor. of secs. 17, 18, 19 and 20, 80 ft. below the ¼ sec. cor..
	Land, broken with a general southeasterly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	No timber.

Chains	
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	N. 0°09' E. between secs. 17 and 18.
	Over rolling land thru scattering undergrowth of shadscale and blackbrush.
7.50	Draw, 30 ft. deep, drains east.
20.00	Wash, 70 lks. wide, 4 ft. deep, drains SE..
40.00	In bottom of draw, 10 ft. deep, drains SE., set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼
S18 | S17
1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

40.50	Wash, 20 lks. wide, 2 ft. deep, in bottom of same draw, drains SE..
64.00	Draw, 35 ft. deep, drains SE..
78.00	Draw, 20 ft. deep, drains S. 35° E..
80.00	On gentle S. slope, 5 ft. above draw, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 7, 8, 17 and 18, with brass cap marked

T32S S7	R12E S8
S18	S17

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Land, rolling with a general southeasterly exposure and drainage.

Soil, deep sandy loam on gravel sub-soil.

No timber.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

chains

S. 89°59' E. on a random line between secs. 8 and 17.

40.00 Set temp. ¼ sec. cor..

79.90 Intersect the N. and S. line at the cor. of secs. 8, 9, 16 and 17.

Thence,

N. 89°59' W. on true line between secs. 8 and 17.

Ascend gentle SE. slope thru scattering undergrowth of shadscale and blackbrush.

30.00 Spur, 90 ft. above sec. cor., projects S. 30° E..

Descend gradually over broken sandstone surfacerock.

39.95 On gentle SW. slope, 40 ft. below spur, mark a cross (X) at the exact cor. point on solid sandstone surfacerock, over which, set an iron post, 3 ft. long, 1 in. in dia., in a large mound of stone for the ¼ sec. cor., with brass cap marked

¼ S8 / S17

1922

Continue descent.

42.80 Wash, 10 lks. wide, 5 ft. deep, 15 ft. below the ¼ sec. cor., drains S. 30° E.. Leave surfacerock, bears NW. and SE., and ascend gentle NE. slope.

60.00 Spur, 20 ft. above wash, projects S. 60° E.. Descend gradually.

71.00 Road bears N. 10° E. to Hanksville, Ut., and S. 15° E. to South Mountain.

72.30 Draw, 15 ft. below spur, drains S. 60° E.. Ascend gradually.

79.90 The cor. of secs. 7, 8, 17 and 18, 20 ft. above draw.

Land, rolling with a general southeasterly exposure and drainage.

Soil, deep sandy loam on gravel sub-soil.

No timber.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

Chains	
	N. 89°54' W. on a random line between secs. 7 and 18.
40.00	Set temp. ¼ sec. cor..
78.08	Intersect the west boundary of the township, 14 lks. N. of the cor. of secs. 7, 12, 13 and 18.
	Thence,
	East on true line between secs. 7 and 18.
	Over rolling top of mesa, broken by sandstone outcroppings, thru scattering cedar and pinon timber and scattering undergrowth of shadscale and blackbrush.
	Descend abrupt SE. slope.
4.70	Draw, 60 ft. below sec. cor., drains SW.. Ascend gradually.
38.08	On gentle W. slope, 100 ft. above draw, set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground to bedrock and supported by a large mound of stone, for the ¼ sec. cor., with brass cap marked

$$\frac{S7}{S18}$$
$$1922$$

from which

A cedar, 12 ins. in dia., bears S. 33°30' W., 88 lks. dist., marked ¼ S. 18 BT

A cedar, 12 ins. in dia., bears N. 58° W., 99 lks. dist., marked ¼ S 7 BT

	Continue gradual ascent.
52.20	Ridge, 30 ft. above the ¼ sec. cor., bears N. and S.. Descend abruptly.
53.20	East rim of mesa, 20 ft. below ridge, bears N. and S.. Descend abruptly over broken sandstone ledges.
	Leave timber, bears N. and S..
68.00	Base of descent, bears N. and S., 220 ft. below rim. Thence, over rolling land.
78.08	The cor. of secs. 7, 8, 17 and 18.
	Land, mesa and desert broken by sandstone ledges and outcroppings with a general westerly exposure and drainage on west 52.20 chs. and a general easterly exposure and drainage on remainder of mile.

Chains	
	Soil, shallow sandy loam lying on sandstone bedrock.
	Timber, scattering cedar and pinon on W. 53.20 chains.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	N. 0°09'. E. between secs. 7 and 8.
	Over rolling land thru scattering undergrowth of shadscale and blackbrush.
4.00	Draw, 10 ft. deep, drains S. 75° E..
13.00	Draw, 15 ft. deep, drains east..
23.00	Wash, 10 lks. wide, 2 ft. deep, in bottom of draw 10 ft. deep, drains SE..
37.00	Wash, 30 lks. wide, 6 ft. deep, drains SE..
40.00	On rolling land, 10 ft. above wash, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked

$\frac{1}{4}$

S7 | S8

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Continue over rolling land.

69.00	Wash, 80 lks. wide, 4 ft. deep, drains NE..
80.00	On gentle NE. slope, 10 ft. above wash, set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for the cor. of secs. 5, 6, 7, and 8, with brass cap marked

T32S | R12E

S6 | S5

S7 | S8

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

From this corner, the chimney on Andrew Ekker's house, bears N. 46°57' E..

Land, rolling with a general southeasterly exposure and drainage on south half of mile and a general northeasterly exposure and drainage on the north half.

Chains	
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	S. 89°59' E. on a random line between secs. 5 and 8.
40.00	Set temp. ¼ sec. cor..
79.92	Intersect the N. and S. line, 2 lks. N. of the cor. of secs. 4, 5, 8 and 9.
	Thence,
	N. 89°58' W. on true line between secs. 5 and 8.
	Ascend gradually along top of ridge, bears W. and S.60° E., thru scattering undergrowth of shadscale and blackbrush.
10.00	Ridge broadens out forming the east point of bench.
	Thence, over rolling top of bench.
25.00	Draw, 8 ft. deep, drains SE..
39.96	On rolling top of bench, 65 ft. above sec. cor., set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for the ¼ sec. cor., with brass cap marked
	¼ S5 / S8
	1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.
	Continue gradual ascent.
56.00	Net wire fence, bears N. and S..
60.00	Leave bench, bears N. 75° E. and S. 75° W., 35 ft. above the ¾ sec. cor.. Descend gradually over broken NW. slope.
71.10	Irrigation ditch, 5 lks. wide, 15 ins. deep, drains NE..
72.20	Draw, 15 ft. deep, drains NE..
73.30	Same irrigation ditch, drains north.
79.10	Road bears NW. to Hanksville, Ut. and SE. to South Mountain.
79.92	The cor. of secs. 5, 6, 7 and 8, 20 ft. below bench.
	Land, rolling with a general northerly and southerly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.

Chains	
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.
	West on a random line between secs. 6 and 7.
40.00	Set temp. ¼ sec. cor..
77.84	Intersect the W. boundary of the township, 10 lks. S. of the cor. of secs. 1, 6, 7 and 12.
	Thence,
	S. 89°56' E. on true line between secs. 6 and 7
	Over rolling bottom of North Wash on south side of channel thru scattering undergrowth of shadscale and blackbrush.
37.84	In rolling bottom of North Wash, 2.00 chs. south of channel, set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground to bedrock and supported by a large mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S6 / S7 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, north of corner.
	Continue over rolling bottom land.
42.80	Wash, 70 lks. wide, 6 ft. deep, drains NE..
43.40	Leave rolling bottom of North Wash, bears N. 70° E. and SW.. Ascend gradually over gently rolling NW. slope.
77.84	The cor. of secs. 5, 6, 7 and 8, 20 ft. above bottom of North Wash.
	Land, rolling with a general northeasterly exposure and drainage.
	Soil, deep sandy loam on gravel sub-soil.
	No timber.
	Undergrowth, scattering shadscale and blackbrush.
	Fair grazing.

Chains	
	N. 0°04' E. on a random line between secs. 5 and 6.
40.00	Set temp. ¼ sec. cor..
81.26	Intersect the N. boundary of the township, 7 lks. E. of the cor. of secs. 5, 6, 31 and 32, which is an iron post, 2 ins. in dia., firmly set in the ground, with brass cap marked

T31S | R12E
31	32
36	35
T32S
1922

and witnessed by a mound of stone, [illegible] ft. base, 1½ ft. high, west of corner.

Thence,

N. 0°01' E. on true line between secs. 5 and 6.

Over rolling land thru scattering undergrowth of shadscale and blackbrush.

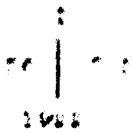
4.[illegible] Wash, 20 lks. wide, 1 ft. deep, drains [illegible].

1[illegible].[illegible] Wash, [illegible] lks. wide, 6 ft. deep, drains [illegible]. Descend abrupt N. slope of bench.

30.[illegible] North rim of bench, 12[illegible] ft. above wash, bears W. and N. [illegible]° E.. Thence, over level top of bench.

41.26 On level top of bench, set an iron post [illegible] ft. long, 1 in. in dia., [illegible] ins. in the ground for the [illegible] sec. cor., with brass cap marked

[illegible]
[illegible] | [illegible]
1922



Raise a mound of stone, [illegible] ft. base, 1½ ft. high, west of corner.

43.10 South rim of bench, bears N. [illegible]° E. and west. Descend abruptly.

49.20 Base of descent, bears N. 75° E. and W., 120 ft. below top of bench. Thence, over rolling bottom of North Wash.

52.[illegible] Road bears E. to Hite, Ut. and W. to Mankaville, Ut..

62.[illegible] Wash, 2.00 chs. wide, 4 ft. deep, drains N. 65° E..

General Description.

Chains	
63.30	Leave rolling bottom of North Wash, bears N. 15° E. and S. 15° W.. Ascend gradually.
75.60	Irrigation ditch, 5 lks. wide, 15 ins. deep, drains SE.
80.60	Road bears NW. to Hanksville, Ut. and SE. to South Mountain.
81.26	The cor. of secs. 5, 6, 7, and 8, 80 ft. above bottom of North Wash.

Land, rolling with a general northerly exposure and drainage on north 30.00 chs. and a general easterly and southerly exposure and drainage on remainder of mile.

Soil, deep sandy loam on gravel sub-soil.

No timber.

Undergrowth, scattering shadscale and blackbrush.

Fair grazing.

Boundaries of T. 32 S., R. 12 E.

Lines designated.	True bearing.	Distances. chs.	Latitudes. N. chs.	Latitudes. S. chs.	Departures. E. chs.	Departures. W. chs.
W. bdy. T32S R12E	S.0°08'W.	481.20	.....	481.20	.....	1.12
S. bdy. T32S R12E	East	478.31	.....	.....	478.31	.....
E. bdy. T32S R12E	N.0°12'E.	481.44	481.44	.....	1.68	.....
N. bdy. T32S R12E	West	477.74	.....	.....	.....	477.74
Convergency						.57
			481.44	481.20	479.99	479.43
			481.20		479.43	
Errors in lat. and dep.			0.24		0.56	

General Description of T. 32 S., R. 12 E.

The land lying within the boundaries of this township is, in general, a desert. It lies on the east edge of a large plateau draining southeast from the foot hills of the Henry Mountains to the Colorado River, 20 miles away. A very prominent reef of sandstone and blue shale is found in the west range of sections. This reef is the east edge of a broken mesa forming the foot hills of the Henry Mountains.

General Description.

The soil throughout the township is a sandy loam from 6 ins. to over 3 ft. in depth lying on a gravel sub-soil and sandstone bedrock.

The principal drainage is into North Wash which enters the township on the west boundary of section 6 and flows in an easterly and southeasterly direction thru sections 6, 5, 4, 3, 10, 15, 14 and 13, leaving the township on the east boundary of section 24. That portion of North Wash which flows thru sections 14, 13 and 24 is a box canyon between 400 ft. and 600 ft. deep. The south slope of this box canyon is of solid sandstone and very steep, being impassible in most places. The north slope is broken by numerous box canyon tributaries and is also impassible in most places.

A low ridge enters the township at the ¾ corner for sections 19 and 24 on the west boundary and follows an irregular course to the east thru the township, leaving it at the corner of sections 25, 30, 31 and 36 on the east boundary. This ridge forms the divide between North Wash and Trachyte Canyon, the drainage being north to North Wash and south to Trachyte Canyon. A small portion of Trachyte Canyon is found in the extreme southwest corner of section 31.

There is a sparse growth of scrub cedar and pinon timber on the tops of the mesas in the west range of sections, and also in sections 1 and 12. A scattering growth of cottonwood is also found along North Wash and some of its larger tributaries. This timber has no commercial value except for fire wood and fence posts.

The only permanent water in the township is in Coyote Creek, in the southwest corner of section 31; in Cottonwood Wash in secs. 15 and 16; and in North Wash, in sections 4, 5, 6, 13, 14 and 24. The water in Cottonwood and North washes is slightly alkaline but that in Coyote Creek is good mountain water.

There are two bona fide settlers in this township; Andrew Ekker in sections 4, 5, 8 and 9 and the Trachyte

Ranch, owned by Cameron Brinkerhoff, in sections 32 and 33. Mr. Ekker has about 640 acres of land under fence in sections 4, 5, 8 and 9, 10 acres of which, in section 5, is under cultivation. The Trachyte Ranch has about 1280 acres under fence in sections 32 and 33, 200 acres of which is under cultivation.

The water used for irrigation by the Trachyte Ranch is taken from Trachyte Creek thru a ditch that was built at a cost of approximately $12,000. The water used by Andrew Ekker is taken from North Wash thru a ditch built at an approximate cost of $500.

Andrew Ekker's home, a log cabin 20 ft. long, 12 ft. wide, is located in the E. ½ of section 5. Cameron Brinkerhoff's original homestead is a log cabin, 15 ft. long, 10 ft. wide, located in the SE. ¼ of sec. 32 but he now has his home in a five room frame house in section 5 of the township to the south.

Outside of the above two ranches, the land embraced in this township is suitable only for grazing purposes.

A scattering growth of shadscale and blackbrush covers the entire township.

Indidations of carnotite were found throughout the west range of sections. The Standard Chemical Co. own several claims in this district.

The magnetic declination was not taken because of a defective needle.

Edwin Bird
U. S. Surveyor

Elmer L. Smith
U. S. Transitman.

BOOK A-460

4—680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Verdin John	1st. Chainman
Ralph Chaimberlin	1st. Chainman
Joe Wing	2nd. Chainman
Dilworth S. Woolley	2nd. Chainman
Harb Webber	Cornerman
Dan Adams	Axeman
Edward Eliason	Flagman
Kenneth McDougall	Flagman
Farrell Adams	Axeman

6—2764

CERTIFICATE OF UNITED STATES SURVEYOR. & TRA

Elmer L Smith, U. S. Transitman

~~I~~ We, Elliot Bird, U. S. Surveyor, hereby certify upon honor that in pursu

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 8 th. day of March, 19 22, ~~I~~ we have well, faithfully, and tru

in ~~my~~ our own proper person~~s~~ and in strict conformity with said instructions, the Manual of Surveying Instru

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

and east boundaries and subdivision of T. 32 S., R. 12 E.

of the Salt Lake

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

the foregoing field notes and date diagram as having been executed by ~~I~~ us, and under ~~my~~ our direction on dates shown on said diagram and that all the corners of

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Salt Lake City, Utah
March 10, 1923.

Elmer L Smith
U. S. Transitman

Elliot Bird
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, April 13, 1923.

The foregoing field notes of the survey of the west, south, and east boundaries and subdivisional lines of Township No. 32 South, Range No. 12 East of the Salt Lake Base and Meridian, Utah,

executed by Elliot Bird and Elmer L. Smith

under ~~his~~ special instructions dated March 8, 19 22, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

L N Dawson
U. S. Surveyor General.

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

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

6—2764

U. S. Surveyor General.