Volume

# #

R0277

2
277

BOOK A-277

INDEX DIAGRAM.

Township 8 S., *Range* 3 E.

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

15
29
14
28
13
16

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

...and

... that we will level th...

... the same; th...

... of all lines that we assist i...

... in accordance with instructions given us, in the survey o...

, *Chainma*...

, *Chainma*...

...and

... well and truly perform the duties of moundmen in the establishme...

... to the instructions given us, to the best of our skill and ability, in the survey...

, *Moundm*...

, *Moundm*...

... to before me this ...

, 189...

...and ...

... well and truly perform the duties of a men in the establishment of corn...

... to instructions given us, to the best of our skill and ability, in the surve...

, *Axm*...

, *Axm*...

, do solemnly swear that I will well and t...

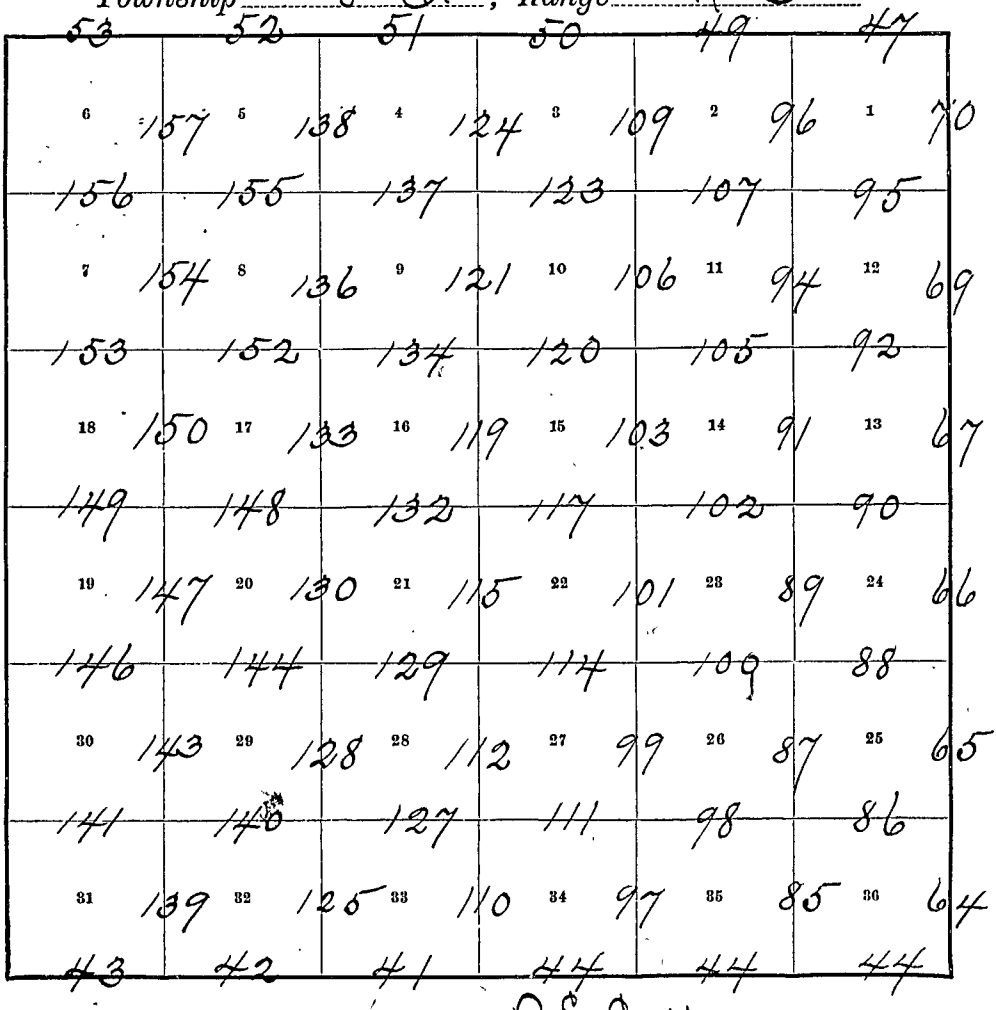
... given me to the best of my skill and ability, in...

, *Flag*...

BOOK A-277

INDEX DIAGRAM.

Township 8 S., *Range* 4 E.



Meanders Page P. S. C. 163 to 172 and 294 to 30

PRELIMINARY OATHS OF ASSISTANTS.

We, ...and

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of .....

....., *Chainman.*

....., *Chainman.*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

We, ...and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of .....

..... *Moundman.*

..... *Moundman.*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

We, ...and .....

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of .....

..... *Axman.*

..... *Axman.*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

I, ..., do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of .....

..... *Flagman.*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

6—151

BOOK A-277

INDEX DIAGRAM.

Township 7 S, *Range* 4 E

~~208~~	~~207~~	~~206~~	~~204~~	~~203~~	~~201~~
6 292	5 276	4 259	3 244	2 231	1 188
~~292~~	~~291~~	~~275~~	~~257~~	~~243~~	~~230~~
7 290	8 274	9 255	10 241	11 229	12 187
~~289~~	~~288~~	~~273~~	~~254~~	~~240~~	~~229~~
18 287	17 271	16 253	15 239	14 228	13 186
~~286~~	~~284~~	~~269~~	~~251~~	~~238~~	~~227~~
19 283	20 267	21 250	22 236	23 226	24 185
~~282~~	~~281~~	~~265~~	~~249~~	~~235~~	~~225~~
30 280	29 264	28 248	27 234	26 224	25 184
~~279~~	~~278~~	~~263~~	~~247~~	~~234~~	~~223~~
31 277	32 261	33 246	34 233	35 222	36 183

~~Meanders Page~~ P.S.C. 297 to 478

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level th chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; tha we will report the true distances to all notable objects, and the true lengths of all lines that we assist i measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey o

_____

_____, *Chainman.*

_____, *Chainman.*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of moundmen in the establishmen of corners, according to the instructions given us, to the best of our skill and ability, in the survey o

_____

_____, *Moundman.*

_____, *Moundman.*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

_____

_____, *Axman.*

_____, *Axman.*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

_____

_____, *Flagman.*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

4—673.

A.

BOOK A-277

FIELD NOTES

OF THE SURVEY OF THE

Fractional East Boundary
and South Boundary
of
Township No. 8 South, Range No. 3 East

Of the Salt Lake Base and Meridian,
In the State of Utah.

AS SURVEYED BY

Scott P. Stewart, and John R. Stewart, United States Deputy Surveyors,

Under ~~his~~ their Contract No. 226, dated January 26th, 1899.

Survey commenced July 25th, 1899.

Survey completed July 28th, 1899.

6—151

		M. Chs. Lks.
E. Bdry.	high	3-34-05 ✓
S. do.	do.	40-05 ✓

BOOK A-277

NAMES AND DUTIES OF ASSISTANTS.

William Huff, Chainman.

Joseph B. Peterson, Chainman.

George A. Beesley, Moundman.

Vosco Call, Axman.

Hugh Conover, Axman.

Andy J. Stewart, Flagman.

Volume
#
R0277

BOOK A-277

INDEX DIAGRAM.

Township....., *Range*.....

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

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, William Huff and Joseph B. Peterson do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of The fractional E. bdy. of T. 5 S. R. 3 E.; the fractional S. bdy. and N. bdy. of T. 5 S. R. 4 E.; N. bdy. T. 7 R. 4 E.; and W. and N. bdys of T. 5 S. R. 3 E. of the Salt Lake Base & Meridian, Utah

William Huff, Chainman.

Joseph B Peterson, Chainman.

Subscribed and sworn to before me this 17th day of July, 1899.

My commission expires March 17 1903 SEAL

Andrew J Stewart Jr
Notary Public

~~WE,~~ I, George A. Beesley and ~~do~~ do solemnly swear that ~~we~~ will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given ~~us~~ me, to the best of ~~our~~ my skill and ability, in the survey of The fractional E. bdy. of T. 5 S. R. 3 E.; the fractional S. bdy. and N. bdy. of T. 5 S. R. 4 E.; N. bdy. T. 7 R. 4 E.; and W. and N. bdys of T. 5 S. R. 3 E. of the Salt Lake Base & Meridian, Utah

George A Beesley, Moundman.

, Moundman.

Subscribed and sworn to before me this 17th day of July, 1899. SEAL

Andrew J Stewart Jr.
Notary Public

WE, Vosco Call and Hugh Conover do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of The fractional E. bdy. of T. 5 S. R. 3 E.; the fractional S. bdy. and N. bdy. of T. 5 S. R. 4 E.; N. bdy. T. 7 S. R. 4 E.; and W. and N. bdys of T. 5 S. R. 3 E. of the Salt Lake Base & Meridian, Utah

Vosco Call, Axman.

Hugh Conover, Axman.

Subscribed and sworn to before me this 17th day of July, 1899

My commission expires March 17 1903 SEAL

Andrew J Stewart Jr.
Notary Public

I, Andy J. Stewart, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of The fractional E. bdy. of T. 5 S. R. 3 E.; the fractional S. bdy. and N. bdy. of T. 5 S. R. 4 E.; N. bdy. T. 7 S. R. 4 E.; and W. and N. bdys of T. 5 S. R. 3 E. of the Salt Lake Base & Meridian, Utah

Andy J Stewart, Flagman.

Subscribed and sworn to before me this 17 day of July, 1899

My commission expires March 17th 1903 SEAL

Andrew J Stewart Jr
Notary Public

6—151

East boundary of T. 8 S., R. 3 E.

Chains

Survey commenced July 25, 1899: and executed with a W. and L. E. Gurley light mountain transit, No. —, with solar attachment. The horizontal limb is provided with two double veniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Salt Lake City, found correct, and was approved by the surveyor general for Utah, May 4, 1899.

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

At the cor. of secs. 13, 18, 19, and 24, on east boundary of township, latitude 40° 07′ N., longitude 111° 33′ W.; we set off 40° 07′ N., on the lat. arc; 19° 34′ N., on the decl. arc; and at 4h 30m p. m., l. m. t., determine a true meridian with the solar, and mark a point thereof on a stone, firmly set in the ground, 5.00 chs., N. of the cor.

At 11h 12m p. m., l. m. t., we observe Polaris at eastern elongation, in accordance with the Manual of Instruction, and mark a point in the line thus determined, on a plug driven in the ground, 5.00 chs. N. of our station. July 25, 1899.

Chains

July 26, 1899: At 6h 30m a. m., l. m. t., we lay off the azimuth of Polaris 1° 36.5' to the west, and mark the True Meridian thus determined by cutting a small groove in the stone set July 25, on which the true meridian falls 0.2 ins. east of the mark determined with the solar.

At 7h 2m a. m., l. m. t., we set off 40° 07' N., on the lat. arc; 19° 27' N., on the decl. arc; and mark a point in the true meridian determined with the solar, by a cross on the stone already set 5.00 chs. N. of our station; this mark falls 0.33 ins. east of the true meridian established by Polaris observation.

The solar apparatus by p. m. and a. m. observations, defines positions for true meridians respectively about 0' 16" west and 0' 17" east of the True Meridian established by Polaris observation; therefore we conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 8h 0m a. m., is N. 16° 30' W.; the angle thus determined reduced by the table, page 100 of the Manual, gives the mean mag. decl. 16° 24' E.

From the cor. of secs. 13, 18, 19, and 24, which is a sand-stone, 6 x 1½ x 8 ins. above ground, firmly set, and marked and witnessed as described by the surveyor general,

We run

South, on a random line along

East boundary of T. 8 S., R. 3 E. - Continued.

Chains	
	the East boundary of Tp. setting temp. ¼ sec. and sec. cors. at intervals of 40.00 chs. And at 240.00 chs. set a temp. cor. of Tps. 8 S., Rs. 3 and 4 E. The old cor. of Tps. 8 S., Rs. 3 and 4 E. bears North 30 lks. dist., we destroy all traces of the old cor.
	Note: As afterwards discovered the S. bdy. of T. 8 S., R. 4 E. closes 34.05 chs. S. of the temp. cor. of Tps. 8 S., Rs. 3 and 4 E., and 34.35 chs. S. of the S. E. cor. of T. 8 S., R. 3 E. Therefore we begin at the S. W. cor. of T. 8 S., R. 4 E., hereafter described in book C.
	Thence we run
	North, along W. bdy. sec. 31 T. 8 S., R. 4 E.
	Over mountainous land, through dense undergrowth; ascend.
34.35	The S. E. cor. of T. 8 S., R. 3 E. hereafter described in this book.
40.00	Set a sandstone, 18 x 9 x 7 ins., 12 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.
58.25	Top of ridge, 600 ft. above Tp. cor., bears N. 55° E. and S. 55° W.; descend.
80.00	Set a sandstone, 20 x 12 x 6 ins., 15 ins. in the ground, for cor. of secs. 30 and 31, T. 8 S., R. 4 E., marked with 5 notches on N. and 1 notch on S. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly; 3rd rate.
	No timber.
	Undergrowth, oak and maple.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.

East boundary of T. 8 S., R. 3 E. — Continued.

Chains	July 26, 1899.
	July 27, 1899: At 7h 30m a. m., l. m. t., we set off 40°05' N., on the lat. arc; 14°13' N. on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 30 and 31.
	Thence we run North, on a true line along the W. bdy. of sec. 30. (T. 8 S., R. 4 E.).
	Over mountainous land, through dense undergrowth; descend.
18.75	Bottom of hollow, 300 ft. below cor., course W.; ascend.
40.00	Set a sandstone, 16 x 9 x 6 ins., 11 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
56.15	Top of ridge, 400 ft. above hollow, bears N. 65° W. and S. 65° E.; descend.
79.15	Bottom of hollow, 350 ft. below ridge, course N. 50° W.; ascend.
80.00	Set a sandstone, 14 x 12 x 8 ins., 9 ins. in the ground, for cor. of secs. 19 and 30, marked with 4 notches on N. and 2 notches on S. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly loam and rocky; 2nd and 4th rate.
	No timber.
	Undergrowth, oak and maple.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.
	July 27, 1899: At this cor. we set off

Chains	
	19° 10' N., on the decl. arc; and at 0h 2m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 06' N., which is the proper lat. nearly.
	North, on a true line W. bdy. sec. 19. (T. 8 S., R. 4 E.).
	Over mountainous land; through dense undergrowth; ascend.
37.55	Top of ridge, 200 ft. above cor., bears N. 65° W. and S. 65° E.; descend.
40.00	Set a sandstone, 16 x 10 x 9 ins., 11 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
65.55	Bottom of canon, 300 ft. below ridge, course N. 65° W.; ascend.
102.55	Top of ridge, 200 ft. above canon, bears N. 70° W. and S. 70° E.; descend.
114.05	The cor. of secs. 13, 18, 19, and 24.
	Land, mountainous.
	Soil, gravelly loam and rocky; 2nd and 4th rate.
	No timber.
	Undergrowth, oak, maple, and service-berry
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 114.05 chs.
	July 27, 1899.
	July 28, 1899: At 7h 30m a. m., l. m. t., we set off 40° 04' N., on the lat. arc; 18° 59' N., on the decl. arc; and determine a true meridian with the solar at the ¼ sec. cor. on S. side sec. 36, on S. bdy. T. 8 S., R. 3 E.

which is a sandstone, 5 x 1(x 5 ins. above ground, firmly set, and marked and witnessed as described by the surveyor general.

Thence we run

East, on a random line bet. the E. halves of secs. 1 and 36.

40.05 Intersect E. bdy. of Tp. 30 lks. N. of the temp. cor. of Tps. 8 S., Rs. 3 and 4 E. The fall exceeds the limits; Therefore at our intersection we set a sandstone, 20 x 9 x 9 ins., 15 ins. in the ground, for S. E. cor. of T. 8 S., R. 3 E., marked S. S., 3 E. on N. E. face; with 6 notches on N. and W. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable. We destroy temp. cor.

Thence we run

West, on a true line bet. the E. halves of secs. 1 and 36.

Over mountainous land; through dense undergrowth; descend.

15.25 Enter heavy oak timber, bears N. and S.

23.50 Leave timber, bears N. and S.

30.20 Bottom of hollow, 350 ft. below cor., course S.; ascend.

40.05 The ¼ sec. cor. bet. secs. 1 and 36.

Land, mountainous.

Soil, gravelly loam; 2nd rate.

Timber, oak.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous or heavily timbered land, or land covered with dense undergrowth, 11.05 chs.

July 28, 1899: At the noon hour the sky is overcast and solar observations are impossible.

July 28, 1899.

The unsurveyed part of this township is mountainous land. It is covered

Boundaries of T. 8 S., R. 3 E. - Concluded

with an abundant growth of rich and nutritious grasses, and is very well adapted for grazing. The township should be subdivided.

July 28, 1899

Note: We begin our survey with this township for the reason that it is impracticable to survey T. 9 S., R. 3 E. until later in the season on account of the great depth of the snow there at this season of the year.

Scott P. Stewart.
John R. Stewart.
U. S. Deputy Surveyors

BLANK

PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by ..... United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of ..... showing the respective capacities in which they acted:

..... *Chainman.*

..... *Chainman.*

..... *Moundman.*

..... *Moundman.*

..... *Axman.*

..... *Axman.*

..... *Flagman.*

For final affidavits see book K. Tp 5 S. R 3 E.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted ..... United States Deputy Surveyor, in surveying all those parts or portions of the ..... of the ..... meridian, ... of ....., which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for .....

..... *Chainman.*

..... *Chainman.*

..... *Moundman.*

..... *Moundman.*

..... *Axman.*

..... *Axman.*

..... *Flagman.*

For final affidavits see book K. Tp 5 S. R 3 E.

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

6—161

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ... United States Deputy Surveyor, d[illegible] solemnly swear that, in pursuance of a contract received from ..... United States Surveyor General for ..... bearing date of th[illegible] ..... day of ..... 189 , I have well, faithfully, and truly, in my ow[illegible] proper person, and in strict conformity with the instructions furnished by the United States Surveyo[illegible] General for ..... the Manual of Surveying Instructions, and the laws of th[illegible] United States, surveyed all those parts or portions of .....

.....

.....

.....

..... of the .....

..... meridian, in the ..... of ....., which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear 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 United States Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....

United States Deputy Surveyor.

Subscribed by said ..... and sworn to before me this ..... day of 189

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, March 31, 1902, 189

The foregoing field notes of the survey of The Fractional East Boundary of Township 8 South Range 3 East of the Salt Lake Base and Meridian, Utah

executed by Scott R. Stewart and John R. Stewart under Deputy Contract No. [illegible] dated January 26, 1897, having been [illegible] corrections and explanations made, the said field notes, and the [illegible] hereby approved.

Edward H. Anderson

United States Surveyor General.

[illegible] 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.

United States Surveyor General.

BLANK

PAGE

BLANK

PAGE

~~1-679.~~

B.

BOOK A-277

FIELD NOTES

OF THE SURVEY OF THE

H.J.B.

Subdivision

of

Township No 8 South, Range No. 3 East.

Of the Salt Lake Base and Meridian,

In the State of Utah.

AS SURVEYED BY

Scott P. Stewart and John R. Stewart, United States Deputy Surveyors,

Under ~~his~~ their Contract No. 226, dated January 26, 1899.

Survey commenced July 28th, 1899.

Survey completed July 29th, 1899.

6—151

Subs - high m. chs. lks —
2 — 00 — 10 ✓
Closings - 68 - 20 ✓

BOOK A-277

NAMES AND DUTIES OF ASSISTANTS.

William Huff - Chainman.

Joseph B. Peterson, Chainman

George A. Beesley, Mounduan.

Vosco Call, Axman.

Hugh Conover, Axman.

Andy J. Stewart, Flagman.

6—151

BOOK A-277

INDEX DIAGRAM.

Township....., *Range*.....

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

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, William Huff and Joseph B. Peterson do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level t chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; t we will report the true distances to all notable objects, and the true lengths of all lines that we assist measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey The Subdivisions and private land claims of Tp. 8 S.R. 3 E.; T. 8 S.R. 4 E.; T. 7 R. 4 E.; T. 6 S.R. 4 E.; T. 5 S.R. 3 E. of the Salt Lake Base & Meridian, Utah.

William Huff, Chainma

Joseph B Peterson, Chainma

Subscribed and sworn to before me this 17th day of July, 1899

My commission expires March 17th 1903

SEAL

Andrew J. Stewart Jr.
Notary Public

We, George A. Beesley and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishme of corners, according to the instructions given us, to the best of our skill and ability, in the survey The Subdivisions and private land claims of T. 8 S.R. 3 E. T. 8 S.R. 4 E. T. 7 S.R. 4 T. 6 S.R. 4 E.; T. 5 S.R. 3 E. of the Salt Lake Base & Meridian, Utah.

George A Beesley, Moundma

, Moundma

Subscribed and sworn to before me this 17th day of July, 1899

My commission expires March 17th 1903

SEAL

Andrew J. Stewart Jr.
Notary Public

We, Vosco Call and Hugh Conover do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corner and other duties, according to instructions given us, to the best of our skill and ability, in the survey o The Subdivisions and private land claims of T. 8 S.R. 3 E.; T. 8 S.R. 4 E.; T. 7 S.R. T. 6 S., R. 4 E.; T. 5 S.R. 3 E. of the Salt Lake Base & Meridian, Utah.

Vosco Call, Axman

Hugh Conover, Axman.

Subscribed and sworn to before me this 17th day of July, 1899

My commission expires March 17 1903

SEAL

Andrew J. Stewart Jr.
Notary Public

I, Andy J. Stewart, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of The Subdivisions and private land claims of T. 8 S.R. 3 E. T. 8 S.R. 4 E.; T. 7 S.R. 4 T. 6 S.R. 4 E.; T. 5 S.R. 3 E. of the Salt Lake Base & Meridian, Utah.

Andy J. Stewart, Flagman.

Subscribed and sworn to before me this 17th day of July, 1899

My commission expires March 17 1903

SEAL

Andrew J. Stewart Jr.
Notary Public

6—151

BOOK A-611

Subdivision of T. 8 S., R. 3 E.

Survey commenced July 28, 1899, and executed with a W. and L. E. Gurley light mountain transit, No. --, with solar attachment. The horizontal limb is provided with two verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the verniers of the latitude and declination arcs.

At the cor. of secs. 25, 26, 35, and 36, latitude 40°05'N., longitude 111°34'W.; we set off 40°05'N., on the lat. arc; 18°54'N., on the decl. arc; and at 4h 0m p. m., l. m. t.; determine a true meridian with the solar, and mark a point thereof on a stone firmly set in the ground, 5.00 chs. N. of our station.

At 11h 0m p. m., l. m. t., we observe Polaris at eastern elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined, on a plug driven in the ground 5.00 chs. N. of our station.

July 29, 1899.

July 29, 1899: At 6h 30m a. m., l. m. t., we lay off the azimuth of Polaris 1°36.5' to the west, and mark a point in the True Meridian thus determined, by cutting a small groove in the stone set July 28; on which the true meridian falls 0.18 ins. east of the mark determined with the solar; therefore we conclude

Subdivision of T. 8 S., R. 3 E. - Continued

Chains that the adjustments of the instrument are satisfactory.
Note: For complete test of instrument see notes of E. bdy. of Tp. Bnk A

From the cor. of secs. 25, 26, 35, and 36, which is a limestone 5 x 5 x 6 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general
We run
East, on a random line bet. secs. 25 and 36.

40.00 Set temp. ✱ sec. cor.

50.10 Intersect E. bdy. of Tp. 34.15 chs. N. of the cor. of secs. 30 and 31 (T. 8 S., R. 11 E.) heretofore described. The falling is out of limits therefore we set a sandstone, 16 x 9 x 8 ins., 11 ins. in the ground, for closing cor. of secs. 25 and 36, marked C. C. on W.; with 3 grooves on N. and 1 groove on S. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Thence we run
West, on a true line bet. secs. 25 and 36.
Over mountainous land, through dense undergrowth; descend.

110.05 Set a sandstone, 18 x 9 x 6 ins., 12 ins. in the ground, for ✱ sec. cor., marked ✱ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

- 50.10 The cor. of secs. 25, 26, 35, and 36.
Land, mountainous.
Soil, gravelly loam and rocky; 2nd and 4th rate.

Subdivision of T. 8 S., R. 3 E.— Continued.

Chains	
	No timber. Undergrowth; oak and maple. Good grass for grazing. Mountainous land, or land covered with dense undergrowth 80.10 chs.
	July 29, 1899: At the noon hour the sky is overcast and solar observations are impossible.
	From the cor. of secs. 23, 24, 25, and 26, which is a sandstone 6 x 12 x 6 ins., above ground firmly set and marked and witnessed as described by the surveyor general, We run East, on a true line bet. secs. 24 and 25.
	Note: We know from connections already made that this line will not close within the prescribed limits.
	Over mountainous land, through dense undergrowth; ascend.
20.00	Top of spur, 200 ft. above cor., bears N. 50° W. and S. 50° E.; descend.
38.00	Bottom of hollow, 100 ft. below spur, course N. 50° W.; ascend.
40.00	Set a sandstone, 18 x 10 x 6 ins., 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
80.00	Intersect E. bdy. of Tp. 34.05 chs. N., of the cor. of secs. 19 and 30, (T. 8 S., R. 4 E.)
	Set a sandstone, 18 x 10 x 6 ins., 12 ins. in the ground, for closing cor. of secs. 24 and 25, marked

Subdivision of T. 8 S., R. 3 E. — Concluded.

Chains | C.C. on W.; with 4 grooves on N. and 2 grooves on S. faces; and raised a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
Land, mountainous.
Soil, gravelly loam and rocky; 2nd and 4th rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.
July 29, 1899.

General Description

This fractional township is all mountainous land; the soil is mostly gravelly loam; 2nd rate. The township is covered with a dense undergrowth of oak and maple, and there is a good growth of rich and nutritous grasses. There is no mineral in the township. There are no settlers in the portion of the township surveyed by us.

Joel P. Stewart
John R. Stewart
U.S. Deputy Surveyors

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by ....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of ..... showing the respective capacities in which they acted:

For final affidavits see book L. Tf. 5 S. R 3 E

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted ....., United States Deputy Surveyor, in surveying all those parts or portions of the ..... of the ..... meridian, ... of ....., which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for .....

For final affidavits see book L. Tf. 5 S. R 3 E.

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

6—151

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor,
solemnly swear that, in pursuance of a contract received from _____
United States Surveyor General for _____, bearing date of
_____ day of _____, 189 , I have well, faithfully, and truly, in my o
proper person, and in strict conformity with the instructions furnished by the United States Survey
General for _____, the Manual of Surveying Instructions, and the laws of
United States, surveyed all those parts or portions of _____
_____
_____
_____
_____ of the _____
_____ meridian, in the _____ of _____, which are represented in
foregoing field notes as having been surveyed by me, and under my direction; and I do further solemn
swear that all the corners of said survey have been established and perpetuated in strict accordance w
the Manual of Surveying Instructions, and the special written instructions of the United States Survey
General for _____ and in the specific manner described in the field notes, and th
the foregoing are the original field notes of such survey; and should any fraud be detected, I will su
the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

_____
United States Deputy Survey

Subscribed by said _____, and sworn to before me
this _____ day of _____, 189

SEAL

_____

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, March 31, 1902 ~~189~~

The foregoing field notes of the survey of The subdivisions of fractional
Township 8 South, Range 3 East of the Salt Lake Base and
Meridian, Utah
_____
_____
_____
_____
executed by Scott P. Stewart & John R. Stewart
under ~~his~~ their contract No. 226, dated January 26, 1899, having be
critically examined, and the necessary corrections and explanations made, the said field notes, and t
surveys they describe, are hereby approved.

Edward A. Anderson
United States 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.

_____
United States Surveyor Gener

BLANK

PAGE

BLANK

PAGE

~~4—679.~~

C.

BOOK A-277

FIELD NOTES

OF THE SURVEY OF THE

H.3.10.

Fractional South and the North

Boundaries

of

Township No. 8 South, Range No. 4 East.

Of the Salt Lake Base and Meridian,

In the State of Utah.

AS SURVEYED BY

Scott R. Stewart and John R. Stewart, United States Deputy Surveyors

Under ~~his~~ their Contract No. 226, dated January 26, 1899.

Survey commenced July 28th, 1899.

Survey completed August 7th, 1899.

6—151

	M. Chs. Lks.	Contingent
5 - Pdry - high	3 - 24 - 20 ✓	2 - 78 - 00 ✓
closings -	34 - 35 ✓	
18 - Pdry - high -	6 - 14 - 80 ✓	
do " low -	7 - 10 ✓	

BOOK A-277

NAMES AND DUTIES OF ASSISTANTS.

William Huff, Chainman.

Joseph B. Peterson, Chainman.

George A. Beesley, Moundman.

Vosco Call, Axman.

Hugh Conover, Axman.

Andy J. Stewart, Flagman.

For preliminary affidavits see book A Tp 8 S R 3 E

6—151

BOOK A-277

INDEX DIAGRAM.

Township....., *Range*.....

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

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, ... and .....

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level [illegible] chain over rows and uneven ground, and plumb the tally pins, either by sticking or dropping the same; [illegible] we will expect the true distances to all notable objects, and the true lengths of all lines that we [illegible] according to the best of our skill and ability, and in accordance with instructions given us, in the survey [illegible]

..... Chainmen

..... Chainmen

Subscribed and sworn to before me this .....

day of ..... 1[illegible]

[illegible]

We, ... and .....

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners according to the instructions given us, to the best of our skill and ability, in the survey [illegible]

..... Moundmen

..... Moundmen

Subscribed and sworn to before me this .....

day of ..... 1[illegible]

[illegible]

We, ... and .....

do solemnly swear that we will well and truly perform the duties of women in the establishment of corners and [illegible] according to instructions given us, to the best of our skill and ability, in the survey of [illegible]

..... Arman

..... Arman

Subscribed and sworn to before me this .....

day of ..... 1[illegible]

[illegible]

I, ..., do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of [illegible]

..... Flagman

Subscribed and sworn to before me this .....

day of ..... 1[illegible]

[illegible]

South boundary of T. 8 S., R. 4 E.

Chains

Survey commenced July 28, 1899, and executed with a W. and L. E. Gurley, light mountain transit No with solar attachments. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the verniers of the latitude and declination arcs. The instrument was examined, tested on the true meridian at Salt Lake City, found correct, and was approved by the surveyor general for Utah, May 4, 1899.

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

At the cor. of sec. 33 and 34 Tps. 8 and 9 S. R. 4 E., latitude 40° 04' N. longitude 111° 33' W. we set off 40° 04' N., on the lat. arc; 18° 54' N., on the decl. arc; and at 4h 0m p. m., l. m. t., determine a true meridian with the solar, and mark a point thereof on a stone, firmly set in the ground, 5.00 chs. N. of the cor.

At 11h 0m p. m., l. m. t., we observe Polaris at eastern elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined, on a plug driven in the ground, 5.00 chs.

Chains N. of our station.

July 28, 1899.

July 29, 1899:

At 6h 30m a. m., l. m. t., we lay off the azimuth of Polaris 1° 36.3' to the west, and mark the True meridian thus determined, by cutting a small groove in the stone set July 28, 1899., on which the true meridian falls 0.35 ins. east of the mark determined by the solar.

At 7h 3m a. m. l. m. t., we set off 40° 04' N., on the lat. arc; 18° 43' N. on the decl. arc; and mark a point in the true meridian determined by the solar by a cross on the stone already set 5.00 chs. N. of our station; this mark falls 0.3 ins. east of the true meridian established by Polaris observations.

The solar apparatus, by p. m. and a m. observations, defines positions for true meridians, respectively about 0' 18" west and 0' 16" east of the true meridian established by Polaris observation; therefore we conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian, at 8h 0m is N. 16° 30' W.; the angle thus determined reduced by the table page 100 of the manual, gives the mean mag. decl. 16° 24' E.

From the cor. of secs. 33 and 34. Tp. 8 9 S. R. 4 E., which is a limestone 7 10 X 4 ins. above ground, firmly set, and marked and witnessed as described

Chains	
	by the surveyor general
	We run
	West, on a true line along bdy.
	of Tp. bet. secs. 4 and 33, from the
	cor. of secs. 3, 4, 33 and 34.
	Over mountainous land, through
	dense undergrowth; ascend.
8.50	Top of spur, 25 ft. above cor., bears N.
	and S.; descend.
38.00	Bottom of cañon, 200 ft below ridge,
	course S. E.; ascend abruptly.
40.00	Set a quartzite stone 14 X 10 X 8 ins.,
	9 ins. in the ground, for 1/4 sec. cor.,
	marked 1/4 on N. face; and raise a
	mound of stone, 2 ft. base, 1½ ft.
	high, W. of cor. Pits impracticable.
60.00	Top of ridge, 300 ft. above cañon,
	bears N. 35° W. and S. 20° E.; descend
68.75	Bottom of cañon, 250 ft. below ridge
	course S. E.; ascend.
80.00	Set a sandstone, 18 X 12 X 6 ins., 12
	ins. in the ground, for cor. of
	secs. 4, 5, 32 and 33, marked with
	4 notches on E. and 2 notches on
	W. edges; and raise a mound of
	stone, 2 ft. base, 1½ ft. high W.
	of cor. Pits impracticable.
	Land, mountainous
	Soil gravelly; 3rd rate.
	no timber
	Undergrowth, oak.
	Good grass for grazing.
	Mountainous land, or land
	covered with dense undergrowth,
	80.00 chs.

July 29, 1899.

July 31, 1899: At 7h 4m a.m. I.m.
t., we set off 40° 04' N., on the bal.

arc; 18° 16' N., on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 4, 5, 32 and 33.

Thence we run West, on a true line bet. secs. 5 and 32. Over mountainous land, through dense undergrowth; ascend.

18.00 Top of ridge, 200 ft. above sec. cor.; bears N. 20° W. and S. 20° E.; descend.

34.25 Bottom of hollow, 50 ft. below ridge; course S. 35° E.; ascend.

39.75 Top of ridge, 75 ft. above hollow; bears N. and S.; descend.

40.00 Set a sandstone, 20 x 12 x 6 ins., 15 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

50.00 Bottom of cañon, 200 ft. below ridge; course S. E.; ascend.

73.00 Top of ridge, 250 ft. above cañon, bears N. 20° E. and S. 20° W.; enter scattering balsom timber, bears with ridge; descend.

80.00 Set a quartzite stone, 22 x 10 x 5 ins., 16 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked with 5 notches on E. and 1 notch on W. edge; from which

A balsom, 9 ins. diam., bears N. 14° E., 60 lks. dist., marked T. 8 S., R. 4 E. S. 32, B. T.

A balsom, 8 ins. diam., bears S. 38° E. 50 lks. dist., marked T. 9 S., R. 4 E. S. 5 B. T.

A balsom, 6 ins. diam., bears S. 29° 45' W. 55 lks. dist., marked T. 9 S. R. 4 E. S. 6, B. T.

A balsom, 4 ins. diam., bears N. 38° W., 110 lks. dist., marked T. 8 S., R. 4 E., S. 31, B. T.

Land mountainous.

South boundary of T. 8 S., R. 4 E. - Continued.

Chains	
	Soil, black loam and gravelly; 1st and 3rd rate.
	Timber, balsam.
	Undergrowth, oak and larch.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.
	July 31, 1899: At the noon hour the sky is overcast and solar observations are impossible.
	West, on a true line bet. secs. 6 and 31.
	Over mountainous land, through scattering balsam timber; descend.
23.25	Bottom of cañon, 300 ft. below cor., course S.
	Leave timber and enter dense undergrowth, bears with cañon, ascend.
40.00	Set a sandstone, 20x8x6 ins., 15 ins. in the ground, for ± sec. cor., marked ± on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
72.00	Top of ridge, 400 ft. above cañon, bears N. and S.; descend.
85.00	Bottom of cañon, 400 ft. below ridge, course S. 10° W.; ascend.
100.00	Top of ridge, 500 ft. above cañon, bears N. and S.; descend.
104.20	We fall 34.35 chs. S. of the S. E. cor. of T. 8 S., R. 3 E., heretofore described. Set a sandstone, 18x10x9 ins., 12 ins. in the ground, for S. W. cor. of T. 8 S., R. 4 E., marked 8 S., 4 E. on N. E. face; with 6 notches on N. and E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. E. of cor. Pits impracticable.

Chains.

Land, mountainous.
Soil, gravelly loam and rocky; 2nd and 4th rate.
Timber, balsam.
Undergrowth, oak, maple, and service berry.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 1042.00 chs.
July 31, 1899.

August 1, 1899: At 8h 30m a. m., l. mt. t., we set off 40° 04' N., on the lat. arc; 18° 0' W., on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 3, 4, 33, and 34, heretofore described.
Note: We proceed to retrace the eastern three miles of the S. bdy. of T. 8 S., R. 4 E. Therefore
We run
East, on a retracement line bet. secs. 3 and 34.
40.00 The ¼ sec. cor. bet. secs. 3 and 34
80.00 The cor. of secs. 2, 3, 34, and 35, described hereafter.

East, on a retracement line bet. secs. 2 and 35.
40.00 The ¼ sec. cor. bet. secs. 2 and 35.
80.00 The cor. of secs. 1, 2, 35, and 36, described hereafter.

East, on a retracement line bet. secs. 1 and 36.
40.00 The ¼ sec. cor. bet. secs. 1 and 36.
78.00 The cor. of Tps. 8 and 9 S., Rs. 4 and 5 E.

South boundary of T. 6 S., R. 4 E. - Continued

hereafter described.

August 1, 1899

General Description

For General Description see notes of subdivision of this township

Scott P. Stewart

John R. Stewart

U. S. Deputy Surveyors.

Volume

#

R0277

BLANK

PAGE

North boundary of T. 8 S., R. 4 E.

Chains

August 4, 1899: At 8h 0m a. m., l. m. t., we set off 40° 09' N., on the lat. arc; 17° 13' N., on the decl. arc; and determine a true meridian, with the solar, at the cor. of Tps. 7 and 8 S., Rs. 3 and 4 E., which is a limestone, 12 x 20 x 8 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general.

Thence we run

East, on a random line along the N. bdy. of T. 8 S., R. 4 E., setting temp. ¼ sec. and sec. cors. at intervals of 40.00 chs.; and at 50.19 chs. intersect First Guide Meridian East, 33.65 chs. N. of the temp. cor. of Tps. 7 and 8 S., Rs. 4 and 5 E. Set a quartzite stone, 16 x 12 x 8 ins., 11 ins. in the ground, for cor. of Tps. 7 and 8 S., Rs. 4 and 5 E., marked

7 S. on N. E.,
5 E. on S. E.,
8 S. on S. W., and
4 E. on N. W. faces; with 6 notches on each edge; from which

A pine, 8 ins. diam., bears S. 47° 45' E. 18 lks. dist., marked T. 8 S., R. 5 E., S. 6, B. T.
A pine, 8 ins. diam., bears S. 73° 30' W., 8 3 lks. dist., marked T. 8 S., R. 4 E., S. 1, B. T.
A pine, 6 ins. diam., bears N. 87° 30' W., 87 lks. dist., marked T. 7 S., R. 4 E., S. 36, B. T.

No other trees within limits; raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

August 4, 1899: At the noon hour the sky is overcast and solar observations are impossible.

Thence we run

West, on a true line bet. secs. 1 and 36. Over mountainous land; through scattering pine timber; and

Chains	
	dense undergrowth; ascend.
6.00	Leave timber, bears N. and S.
23.00	Top of divide ridge, bet. the left hand fork of Day's Cañon and the right hand fork of Hobble Creek Cañon, 250 ft. above cor., bears N. 25° W. and S. 25° E.; descend.
40.00	Set a white limestone, 20×9×6 ins., 15 ins. in the ground, for 1. sec. cor., marked ± on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
47.00	Bottom of left hand fork of Day's Cañon, 250 ft. below ridge, course N.; ascend.
61.00	Top of spur, 60 ft. above cañon, bears N. 80° W. and S. 80° E.; descend.
71.50	Bottom of hollow, 80 ft. below spur, course N. 75° W.; ascend.
76.00	Top of ridge, 30 ft. above hollow; bears N. 80° W. and S. 80° E.; descend.
80.00	Set a quartzite stone, 15×9×7 ins., 12 ins. in the ground, for cor. of secs. 1, 2, 35, and 36, marked with 1 notch on E. and 5 notches on W. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, mountainous.
Soil, black loam; 1st rate.
Timber, scattering pine.
Undergrowth, oak, maple, and serviceberry.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.

August 4, 1899:

August 5, 1899: At 7h 30m a. m., l. m. t., we set off 40°09′ N., on the lat. arc; 16°57′ N.,

Chains	
	on the decl. arc; and determine a true meridian, with the solar, at the cor. of secs. 1, 2, 35, and 36.
	Thence we run
	West, on a true line bet. secs. 2 and 35.
	Over mountainous land; through dense undergrowth; descend.
14.00	Bottom of hollow, 120 ft. below sec. cor., course N. 80° W.; ascend.
17.00	Top of spur, 20 ft. above hollow, bears N. and S.; descend.
23.90	Bottom of left hand fork of Day's canon, 40 ft. below spur, course S. 30° W.; ascend.
40.00	Set a limestone, 14 x 9 x 6 ins., 9 ins. in the ground, for ± sec. cor., marked ± on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
41.50	Top of spur, 100 ft. above canon, bears N. and S.; descend.
50.80	Bottom of hollow, 50 ft. below spur, course S.; ascend.
62.90	Top of spur, 100 ft. above hollow, bears N. 20° W. and S. 20° E.; descend.
80.00	Set a sandstone, 18 x 10 x 6 ins., 12 ins. in the ground, for cor. of secs. 2, 3, 34, and 35, marked with 2 notches on E. and 4 notches on W. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, black loam and gravelly; 1st and 3rd rate.
	No timber.
	Undergrowth, oak, mahogany, maple, and sage.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.

Chains	
	West, on a true line bet. secs. 3 and 34. Over mountainous land; through dense undergrowth; descend.
6.90	Drag road, bears N. 5° W. and S. 5° E., in bottom of Day's Canon, 150 ft. below sec. cor., course N. 5° W.; ascend.
16.90	Top of spur, 200 ft. above canon, bears N. 10° E. and S. 10° W.; descend.
24.00	Bottom of hollow, 30 ft. below spur, course N. 55° E.; ascend.
40.00	Falls on boulder, 24 x 14 x 6 ins., above ground, on which We cut a cross (X) at the exact cor. point, for ± sec. cor., marked ± on E. side of cross; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
58.90	Top of ridge, 400 ft. above hollow, bears N. and S.; descend.
80.00	Set a sandstone, 20 x 10 x 6 ins., 15 ins. in the ground, for cor. of secs. 3, 4, 33, and 34, marked with 3 notches on E., and W. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous. Soil, gravelly loam; 2nd rate. No timber. Undergrowth, oak, mahogany, maple, and laurel. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs. August 5, 1899: At this cor. we set off 16° 54' N., on the decl. arc; and at 0h 3m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 09' N. Note: This is also angle cor. No. 7 on Cyrus Sanford's private land claim.

Chains	
	West, on a true line bet. secs. 4 and 33. Over mountainous land; through dense undergrowth; along private land claim boundary. Descend.
8.00	To angle cor. No. 8 on Cyrus Sanford's private land claim.
15.00	Drag road, bears N. 30° W. and S. 30° E., in Dry Cañon, 200 ft. below sec. cor., course N. 30° W.; ascend.
36.00	Top of ridge, 200 ft. above cañon, bears N. and S.; descend.
40.00	Intersect boundary of Cyrus Sanford's private land claim, at angle cor. No. 11, hereafter described. Set a limestone, 20x9x6 ins., 15 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
50.25	Creek, 4 lks. wide, 1 in. deep, in cañon, 250 ft. below ridge, course N. 10° E.; ascend.
60.30	Intersect W. line on Cyrus Sanford's private land claim, at angle cor. No. 12, hereafter described.
61.15	Top of ridge, 200 ft. above cañon, bears N. 10° E. and S. 10° W.; descend.
71.45	Intersect E. line of George G. Kelly's private land claim, 13.53 chs. S. 25° E. from angle cor. No. 8, hereafter described.
76.25	Creek, 2 lks. wide, 1 in. deep, in cañon, 300 ft. below ridge, course N.; ascend.
80.00	Set a sandstone, 22x11x8 ins., 16 ins. in the ground, for cor. of secs. 4, 5, 32, and 33, marked with 4 notches on E. and 2 notches on W. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of

Chains	
	cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly loam; 2nd rate.
	No timber.
	Undergrowth, oak, maple, and service berry.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.
	West, on a true line bet. secs. 5 and 32.
	Over mountainous land; through dense undergrowth; ascend.
1.50	Top of ridge, 25 ft. above sec. cor., bears N. and S.; descend.
19.30	Foot of descent, bears N. and S. Leave dense undergrowth and enter cultivated land.
26.40	Leave cultivated land and enter dense undergrowth, bears N. and S.
36.35	Intersect E. line of Elizabeth Kelly's and W. line of George G. Kelly's private land claims, at a point 23.93 chs. S. 18° E. from angle cor. No. 3 on Elizabeth Kelly's claim, described hereafter; and 2.10 chs. N. 15° W. from angle cor. No. 14 on George G. Kelly's claim, described hereafter.
40.00	Set a sandstone, 18 x 10 x 7 ins., 12 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
48.50	Old wood road, bears N. and S.
51.40	Hobble Creek, 35 lks. wide, 15 ins. deep, course S.W.
56.90	Hobble Creek, 35 lks. wide, 15 ins. deep, course N.W.
64.50	Hobble Creek, 40 lks. wide, 14 ins.

Chains	
	deep, rapid current, course S. 60° W.
67.48	Intersect W. b'dy. of Elizabeth Kelly's private land claim, at a point 1.88 chs. N. from Beg. Cor. Wire fence, bears N. and S.
70.50	Hobble Creek, 40 lks. wide, 14 ins. deep, course N. 20° W.
80.00	Set a sandstone, 20 x 12 x 8 ins., 15 ins. in the ground, for cor. of secs. 5, 6, 31, and 32, marked with 5 notches on E. and 1 notch on W. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.
	Land, mountainous and nearly level.
	Soil, black loam and gravelly; 1st and 2nd rate.
	No timber.
	Undergrowth, oak, maple, service berry and choke cherry.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 72.90 chs.
	August 5, 1899:

August 7, 1899: At 7h 32m a. m., l. m. t., we set off 40° 09' N., on the lat. arc; 16° 25' N., on the decl. arc; and determined a true meridian with the solar, at the cor. of secs. 5, 6, 31, and 32, thence we run

West, on a true line bet. secs. 6 and 31.

Over level land; through dense undergrowth.

5.90	Hobble Creek, 60 lks. wide, 8 ins. deep, rocky bottom, rapid current, course S. 80° W.
16.13	Road in Hobble Creek Canon, bears N. 60° E. and S. 60° W.
22.90	Begin ascent of mountain, bears

Chains	
	N. 60° E. and S. 60° W.
40.00	Set a sandstone, 14 x 7 x 7 ins., 9 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
94.90	Top of ridge, 800 ft. above cañon, bears N. and S.; descend.
101.90	The cor. of Tps. 7 and 8 S., Rs. 3 and 4 E.

Land, mountainous and level.
Soil, gravelly and clay loam; 2nd rate.
No timber.
Undergrowth, oak and sage.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 101.90 chs.

August 7, 1899.

Boundaries of T. 8 S., R. 4 E.

Latitudes, departures and closing errors.

Line designated	true bearing	Distance	Latitudes		Departures	
			N.	S.	E.	W.
		Chs.	Chs.	Chs.	Chs.	Chs.
S. bdy. T. 8 S., R. 4 E.	West	502.20				502.20 ✓
W. bdy. T. 8 S., R. 4 E.	North	34.35	34.35			✓
W. bdy. T. 8 S., R. 4 E.	North	239.70	239.70			✓
W. bdy. T. 8 S., R. 4 E.	North	240.00	240.00			✓
N. bdy. T. 8 S., R. 4 E.	East	501.90			501.90	✓
E. bdy. T. 8 S., R. 4 E.	South	513.65		513.65		✓
Convergency					.64	✓
Totals			514.05	513.65	502.54	502.20 ✓
			513.65		502.20	
Error in lat.			.40 ✓			
Error in dep.					.34 ✓	

This township is all mountainous. There is some excellent land in the bottoms of the cañons and hollows. The township is well watered and very well adapted for stock raising. It should be subdivided.

Scott J. Stewart.

August 7, 1899.

John R. Stewart
U. S. Deputy Surveyors.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

_____, United States Deputy Surveyor, to assist in running, measuring, and
rking the lines and corners described in the foregoing field notes of the survey of _____

_____

wing the respective capacities in which they acted:

_____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

Informal affidavits see book K. pp. 5. S. R. 3 E.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

_____, United States Deputy Surveyor, in surveying all
ose parts or portions of the _____

_____ of the _____

_____ meridian, _____ of _____, which are represented
the foregoing field notes as having been surveyed by him and under his direction; and that said survey
s been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
r monuments established, according to the instructions furnished by the United States Surveyor
neral for _____

_____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

Informal affidavits see book K. pp. 5. S. R. 3 E.

_____

bscribed and sworn to before me this _____
day of _____, 189

_____

_____

SEAL

6—151

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from _____ United States Surveyor General for _____, bearing date of t _____ day of _____, 189 , I have well, faithfully, and truly, in my ov proper person, and in strict conformity with the instructions furnished by the United States Surve General for _____, the Manual of Surveying Instructions, and the laws of t United States, surveyed all those parts or portions of _____ _____ _____ _____ _____ _____ of the _____ _____ meridian, in the _____ of _____, which are represented in t foregoing field notes as having been surveyed by me, and under my direction; and I do further solemn swear that all the corners of said survey have been established and perpetuated in strict accordance wi the Manual of Surveying Instructions, and the special written instructions of the United States Survey General for _____ and in the specific manner described in the field notes, and th the foregoing are the original field notes of such survey; and should any fraud be detected, I will suff the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

_____
United States Deputy Survey

Subscribed by said _____, and sworn to before me this _____ day of _____, 189

SEAL

_____

_____

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, March 31, 1902, 189

The foregoing field notes of the survey of the fractional South and the Boundary of Township 8 South, Range 4 East of the Salt Lake Base & Meridian, Utah

executed by Scott P. Stewart and John W. Stewart under his contract No. 296, dated January 26, 1899, having been critically examined, and the necessary corrections and explanations made, the said field notes, and th surveys they describe, are hereby approved.

_____
Edward M. Anderson
United States 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.

_____
United States Surveyor General.

BLANK

PAGE

BLANK

PAGE

D.

BOOK A-277

FIELD NOTES

OF THE SURVEY OF THE

First Guide Meridian East

Through

Township No. 8 South.

Of the Salt Lake Base and Meridian,

In the State of Utah.

AS SURVEYED BY

Scott P. Stewart and John R. Stewart, United States Deputy Surveyors

Under ~~his~~ their Contract No. 226, dated January 26th, 1899.

Survey commenced August 1st, 1899.

Survey completed August 3rd, 1899.

6—151

Guide Meridian high
do do low-

M. Ch. Ch.
6-31-60
2-05

BOOK A-177

NAMES AND DUTIES OF ASSISTANTS.

William Huff, Chainman.

Joseph B. Peterson, Chainman.

Vosco Call, Chainman.

Hugh Conover, Chainman.

George A. Beesley, Mounduman and Axman.

Andy J. Stewart, Flagman.

BOOK A-277

INDEX DIAGRAM.

Township....., *Range*.....

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

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE William Huff, Joseph B. Peterson, and Vosco Call and Hugh ____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; t we will report the true distances to all notable objects, and the true longths of all lines that we assist measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey The First Guide Meridian East through townships 8, 7, and 6, South, between Ranges 4 and 5 E. of the Salt Lake Base & Meridian, Utah

William Huff, Chainm
Joseph B Peterson, Chainm
Vosco Call, Chainm
Hugh Conover, Chainm

Subscribed and sworn to before me this 17th day of July, 1899
My commission expires March 17th 1903
SEAL
Andrew J. Stewart Jr.
Notary Public

WE, George A. Beesley and ____
do solemnly swear that he will well and truly perform the duties of moundman in the establishme of corners, according to the instructions given him, to the best of his skill and ability, in the survey The First Guide Meridian East through township 8, 7, and 6, S between Ranges 4 & 5 E. of the Salt Lake Base & Meridian, Utah

George A. Beesley, Axman, Moundma
____, Moundma

Subscribed and sworn to before me this 17th day of July, 1899
My commission expires March 17th 1903
SEAL
Andrew J. Stewart Jr.
Notary Public

WE, ____ and ____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corne and other duties, according to instructions given us, to the best of our skill and ability, in the survey o

____, Axman
____, Axman

Subscribed and sworn to before me this ____ day of ____, 189
SEAL

I, Andy J. Stewart, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of The First Guide Meridian East, through townships 8, 7 and 6 between Ranges 4 & 5 E. of the Salt Lake Base & Meridian, Utah

Andy J. Stewart, Flagman.

Subscribed and sworn to before me this 17th day of July, 1899
My commission expires March 17th 1903
SEAL
Andrew J. Stewart Jr.
Notary Public

6—151

Guide Meridian East, through Tps. 8 S., between Rs. 4 and 5 E.

Chains

Survey commenced August 1, 1899, and executed with a W. and L. E. Gurley light mountain transit, No. —, the horizontal limb being provided with two double verniers placed opposite to each other, reading to single minutes of arc.

We begin at the cor. of Tps. 8 and 9 S., Rs. 4 and 5 E., latitude 40°04' N., longitude 111°27' W.

At this cor. at 10h 45m p. m., l. m. t., we observe Polaris at eastern elongation in accordance with the instructions in the Manual, and mark a point in the line thus determined by a tack, driven in a wooden plug set in the ground, 5.00 chs. north of our station.

August 1, 1899.

August 2, 1899: At 6h 30m a. m., l. m. t., we lay off the azimuth of Polaris 1°36.5' to the west, and mark the True Meridian thus determined by a cross (x) on a stone firmly set in the ground, west of the point established August 1, 1899.

The magnetic bearing of the true meridian at 7 a. m. is N. 16°29.6' W., which reduced by the table page 100 of the Manual, gives the mean mag. decl. 16°24' E.

For complete test of instrument see notes of S. bdy. of T. 8 S., R. 4 E. Book 10.

From the cor. of Tps. 8 and 9 S., Rs. 4 and 5 E., which is a sandstone, 6 x 10 x 10 ins., above ground, firmly set, and marked with 6 notches on N., S., E., and W. edges; but not witnessed. We mark the stone, 8 S. on N. E., 5 E. on S. E., 9 S. on S. W., and 4 E. on N. W. faces; and raise a mound of

Chains stone, 2 ft. base, 1½ ft. high, W. of cor.
Pits impracticable.
Thence we run
North, bet. secs. 31 and 36.
Over mountainous land, through dense sage brush; descend.

This correction made by order of Hon Com's letter E dated April 17 1902

26.75 ~~24.46~~ The beginning cor. on W. Franklin Pace's private land claim, we mark the cor. c.c. on S. face. Thence along claim boundary.

27.00 W. Franklin Pace's house and corrals bears W. about 10.00 chs. dist.

30.00 Wagon road in Diamond Fork of Spanish Fork Cañon, bears N. 60° E. and S. 60° W.

30.20 Wire fence, bears N. 60° E. and S. 60° W.; enter cultivated field.

32.25 Leave cultivated land, and enter heavy cottonwood timber, bears N. 70° E. and S. 70° W.

34.39 Diamond creek, 15 lks. wide, 1 ft. deep, rapid current, rocky bottom, 400 ft. below Tp. cor., course S. 55° W.;

35.89 Wire fence, bears N. 60° E. and S. 55° W.; leave timber; begin ascent of mountain, through dense sage brush.

Difference between measurements of 40.00 chs., by two sets of chainmen, is 2 lks.; position of middle point
By 1st set 39.99 chs.
By 2nd set 4001 chs.; the mean of which is

40.00 Set a sandstone, 16 x 8 x 5 ins., 11 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Pits impracticable.

This correction made by order of Hon Com's letter E dated April 17 1902

50.12 ~~47.43~~ To angle cor. No. 5 on W. Franklin Pace's private land claim, we mark the cor. c.c. on the S. face.

Difference between measurements of 80.00 chs., by two sets of chainmen is

4 lks.; position of middle point
By 1st set 77.98 chs.
By 2nd set 80.02 chs.; the mean of which is
80.00 Set a conglomerate stone, 18 x 10 x 6 ins., 12 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, marked with 5 notches on N. and 1 notch on S. edges, and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
77.95 This cor. is about 300 ft. above station.
Land, mountainous.
Soil, clay and gravelly loam; 2nd rate.
Timber, cottonwood.
Undergrowth, sage brush.
Good grass for grazing.
Mountainous or heavily timbered land, or land covered with dense undergrowth, 77.95 chs.

North bet. secs. 25 and 30.
Over mountainous land, through dense sage and oak brush; ascend.
34.00 Top of ridge, 150 ft. above sec. cor., bears N. 30° E. and S. 30° W.; descend.
Difference between measurements of 40.00 chs., by two sets of chainmen is 10 lks.; position of middle point
By 1st set 37.95 chs.
By 2nd set 40.05 chs.; the mean of which is
40.00 Set a quartzite stone, 16 x 11 x 8 ins., 11 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
60.00 Hollow, 150 ft. below ridge, course S. 30° W.; ascend.
Difference between measurements of

Chains 80.00 chs. by two sets of chainmen is 14 lks.; position of middle point
By 1st set 79.93 chs.
By 2nd set 80.07 chs.; the mean of which is

80.00 Set a sandstone, 18 x 12 x 6 ins., 12 ins. in the ground, for cor. of secs. 19, 24, 25, and 30, marked with 4 notches on N. and 2 notches on S. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
Land, mountainous.
Soil, clay and gravelly loam; 2nd rate.
No timber.
Undergrowth, oak and sage brush.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.
August 2, 1899: At the noon hour the sky is overcast and solar observations are impossible.

North, bet. secs. 19 and 24.
Over mountainous land, through scattering sage and oak brush; ascend.

2.50 Top of ridge, 30 ft. above sec. cor., bears N. E. and S. 30° W.; descend.

14.00 Bottom of hollow, 150 ft. below ridge; course S. 50° W.; ascend.

25.00 Top of ridge, 200 ft. above sec. cor., bears S. W. and N. E.; descend.

Difference between measurements of 40.00 chs. by two sets of chainmen is 12 lks.; position of middle point
By 1st set 39.94 chs.
By 2nd set 40.06 chs.; the mean of which is

40.00 Set a blue limestone, 19 x 12 x 7 ins., 13 ins.

hains	in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
51.00	Bottom of hollow, 300 ft. below ridge, course S. 80° W.; ascend.
68.00	Top of ridge, 150 ft. above hollow, bears E. and W.; descend.
	Difference between measurements of 80.00 chs. by two sets of chainmen is 14 lks.; position of middle point
	By 1st set 79.93 chs.
	By 2nd set 80.07 chs.; the mean of which is
80.00	Set a quartzite stone, 18 x 8 x 8 ins., 12 ins. in the ground, for cor. of secs. 13, 18, 19, and 24, marked with 3 notches on N., and S. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, black and gravelly loam; 1st and 2nd rate.
	No timber.
	Undergrowth, scattering oak and sage brush.
	Good grass for grazing.
	Mountainous land, 80.00 chs.
	August 2, 1899.
	August 3, 1899; At 7h 0m a. m., l. m. t., we set off 40° 07' N., on the lat. arc; 17° 30' N., on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 13, 18, 19, and 24.
	Thence we run
	North, bet. secs. 13 and 18.
	Over mountainous land, through scattering oak brush; descend.
25.00	Bottom of hollow, 100 ft. below sec. cor.,

Chains	
	course S. 80° W.; ascend
	Difference between measurements of 40.00 chs. by two sets of chainmen is 6 lks.; position of middle point
	By 1st set 39.97 chs.
	By 2nd set 40.03 chs.; the mean of which is
40.00	Top of ridge, 150 ft. above hollow, bears E. and W.
	Set a sandstone, 18 x 9 x 6 ins., 12 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Descend.
54.40	Bottom of hollow, 130 ft. below ridge, course S. 70° W.; ascend.
66.00	Top of ridge, 200 ft. above hollow, bears N. 70° E. and S. 70° W.; descend.
	Difference between measurements of 80.00 chs. by two sets of chainmen is 8 lks.; position of middle point
	By 1st set 79.96 chs.
	By 2nd set 80.04 chs.; the mean of which is
80.00	Set a quartzite, 16 x 10 x 4 ins., 11 ins. in the ground, for cor. of secs. 7, 12, 13, and 18, marked with 2 notches on N. and 4 notches on S. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, black and gravelly loam; 1st. and 2nd rate.
	No timber.
	Undergrowth, scattering oak.
	Good grass for grazing.
	Mountainous land, 80.00 chs.
	August 3, 1899; At this cor. we set off 17°26' N., on the decl. arc, and at 11h 58m a. m., l. m. t., observe the sun on the meridian, the resulting lat. is

chains	
	40° 08' N., which about the proper lat.
	North, bet. secs. 7 and 12.
	Over mountainous land, through dense undergrowth; descend abruptly.
3.00	Enter heavy cottonwood timber, bears N. E. and S. W.
3.25	Creek, 10 lks. wide, 4 ins. deep, rapid current, good water, in bottom of right hand fork of Waurhodes Canon, 180 ft. below sec. cor.; course S. W.; ascend.
4.00	Leave timber, bears N. E. and S. W.
	Difference between measurements of 40.00 chs. by two sets of chainmen is 4 lks.; position of middle point
	By 1st set 39.98 chs.
	By 2nd set 40.02 chs.; the mean of which is
40.00	Set a quartzite stone, 18 x 8 x 6 ins., 12 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
57.75	Top of spur, 200 ft. above canon, bears E. and W.; descend.
	Difference between measurements of 80.00 chs. by two sets of chainmen is 12 lks.; position of middle point
	By 1st set 79.94 chs.
	By 2nd set 80.06 chs.; the mean of which is
80.00	Set a quartzite stone, 16 x 6 x 4 ins., 11 ins. in the ground, for cor. of secs. 1, 6, 7, and 12, marked with 1 notch on N. and 5 notches on S. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, black and gravelly loam; 1st.

Chains and 2nd rate.
Timber, cottonwood.
Undergrowth, oak.
Good grass for grazing.
Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.

North, bet. secs. 1 and 6.
Over mountainous land, through dense oak brush; descend.
.52 Creek, 4 lks. wide, 2 ins. deep, rapid current, in bottom of hollow, 10 ft. below sec. cor., course E.; ascend.
Difference between measurements of 4 00 chs. by two sets of chainmen is 12 lks.; position of middle point
By 1st. set 39.94 chs.
By 2nd set 40.06 chs.; the mean of which is
40.00 Set a sandstone, 22 x 14 x 6 ins., 16 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raised a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
Difference between measurement of 80.00 chs. by two sets of chainmen is 16 lks.; position of middle point
By 1st set 79.92 chs.
By 2nd set 80.08 chs.; the mean of which is
80.00 Set temp. cor. of Tps. 7 and 8 S., Rs. 4 and 5 E.
Note: The permanent cor. was set at 113.65 chs. for description see notes of the N. bdy. of T. 8 S., R. 4 E.
111.00 Top of divide ridge bet. Waurhodes Canon and Hobble Creek Canon, 300 ft. above hollow, bears N. 60° E. and

S. 50° W.; descend.

113.65 The permanent cor. of Tps. 7 and 8 S., Rs. 4 and 5 E., hereafter described in Book C

Land, mountainous.

Soil, gravelly loam; 2nd rate.

No timber.

Undergrowth, oak brush.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 113.65 chs.

August 3, 1899

General Description.

Townships 8 S., Ranges 4 and 5 East, are high rolling mountains, producing an abundant growth of rich and nutritious grasses, and there is some good land along the creek beds. The townships are fairly well timbered.

Scott P. Stewart

John R. Stewart

U. S. Deputy Surveyors

August 3, 1899.

BLANK

PAGE

BLANK

PAGE

BLANK

PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS

LIST OF NAMES.

A list of the names of the individuals employed by

, United States Deputy Surveyor, [illegible]

ing the lines and corners described in the foregoing field notes of the [illegible]

ing the respective capacities in which they acted.

[illegible]

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted

, United States Deputy Surveyor, [illegible]

e parts or portions of the

meridian, of , which are represented

he foregoing field notes as having been surveyed by him and under his direction, and that [illegible]

been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the

ner monuments established, according to the instructions furnished by the United States Surveyor

eral for

[illegible]

ncribed and sworn to before me this

day of , 18[illegible]

SEAL

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ... United States Deputy Surveyor, d
solemnly swear that, in pursuance of a contract received from ..... United States Surveyor General for ..... bearing date of th ..... day of ..... 189 . I have well, faithfully, and truly, in my o proper person, and in strict conformity with the instructions furnished by the United States Survey General for ..... the Manual of Surveying Instructions, and the laws of th United States, surveyed all those parts or portions of .....

..... of the ..... meridian, in the ..... of ....., which are represented in th foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnl swear that all the corners of said survey have been established and perpetuated in strict accordance wi the Manual of Surveying Instructions, and the special written instructions of the United States Surve General for ..... and in the specific manner described in the field notes, and th the foregoing are the original field notes of such survey; and should any fraud be detected, I will suff the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....
United States Deputy Surveyo

Subscribed by said ..... and sworn to before me this ..... day of ....., 189

SEAL

.....

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, March 31, 1902, 189

The foregoing field notes of the survey of The Third Guide Meridian East through Township 8 South between Ranges 4 & 5 East of the Salt Lake Base & Meridian, Utah

executed by Scott Stewart & John W. Stewart under the contract No. ..... dated January 26, 1899, having bee critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Anderson
United States 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.

.....
United States Surveyor General.

BLANK

PAGE

BLANK

PAGE

4—679.

E

BOOK A-277

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions,

of

Township 8 South,

Range 4 East,

and

Private Land Claims

Of the Salt Lake Base and Meridian,

In the State of Utah.

AS SURVEYED BY

Scott P. Stewart & John R. Stewart, United States Deputy Surveyors

under ~~his~~ their Contract No. 226, dated January 26, 1899

Survey commenced August 8", 1899.

Survey completed August 29th, 1899.

Survey of Private Land Claims Commenced July 27 1899

Survey of Private Land Claims completed February 21 1901

Sub- high 63-41-52 ✓

" " low - 1-75 ✓

Assings - 1-32.82 ✓

W. F. Pace P.L.C. high 2-04-35 ✓

Edwin M. Whiting ds ds 2-60-00 ✓

NAMES AND DUTIES OF ASSISTANTS.

William Huff, Chainman.

Joseph B. Peterson Chainman

Vosco Call Chainman and moundman

Hugh Conover, Axman

George A. Beesley Chainman and

Andy J. Stewart, Flagman.

For preliminary affidavit as to Survey of Subdivision

See book B, Tp 8 S R 3 E

6—151

BOOK A-277

INDEX DIAGRAM.

Township....., *Range*.....

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

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, Vosco Call and George A. Beesley

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

The Private Land Claim of Edwin M. Whiting T. 8 S. R. 4 E., Louisa M. Johnson, Jessie Fifield and Cyrus J. Strong T. 7 S. R. 4 E. and Moses H. Draper T. 6 S. R. 4 E. of Salt Lake Base and Meridian

Vosco Call, Chainman.

George A. Beesley, Chainman.

Subscribed and sworn to before me this 15th day of February 1901, 189

My commission expires March 17th 1903

Andrew J. Stewart Jr.
Notary Public

SEAL

WE, ... and .....

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

.....

....., Moundman.

....., Moundman.

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

WE, ... and .....

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

.....

....., Axman.

....., Axman.

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

I, ..., do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

....., Flagman.

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

4—131

Subdivision of T. 8 S., R. 4 E.

Chains

Survey commenced August 8, 1899, and executed with a W. and L. E. Gurley light mountain transit, No. —, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Salt Lake City, found correct, and was approved by the surveyor general for Utah, May 4, 1899.

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

At the cor. of secs. 1, 2, 35, and 36; latitude 40° 04′ N., longitude 111° 28′ W.; we set off 40° 04′ N., on the lat. arc; 16° 01′ N., on the decl. arc, and at 4h. 3m. p. m., l. m. t., determine with the solar a true meridian and mark a point thereof, on a stone firmly set in the ground, 5.00 chs. N. of the cor.

At 10h. 17m. p. m., l. m. t., we observe Polaris at eastern elongation, in accordance with the

Chains	
	Manual of Instructions, and mark a point in the line thus determined, on a plug driven in the ground, 5:00 chs. N. of our station. August 8, 1899.

August 9, 1899: At 6h. 31m. a. m., l. m. t., we lay off the azimuth of Polaris, 1° 36.5; to the west, and mark the True Meridian thus determined, by cutting a small groove in the stone set August 8, 1899, on which the true meridian falls 0.4 ins. east of the mark determined by the solar.

At 7h. 30m. a. m., l. m. t., we set off 40° 04' N., on the Lat. arc; 15° 30' N., on the decl. arc; and mark a point in the true meridian determined with the solar, by a cross on the stone already set 5:00 chs. N. of our station; this mark falls 0.35 ins. east of the true meridian established by Polaris observation.

The solar apparatus, by p. m. and a. m. observations, defines positions for true meridians, respectively about 0' 21" west and 0' 18" east of the meridian established by Polaris observation; therefore, we conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian, at 8h. 0m. a. m., is N. 16° 30' W.; the angle thus determined, reduced by the table,

Chains	
	page 100. of the Manual, gives the mean mag. decl. 16° 24⅓ E.
	From the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp. which is a sand stone 6 x 7 x 2 ins. above ground, firmly set, and marked and witnessed as described by the surveyor general.
	We run
	N. 0° 01' W., bet. secs. 35 and 36.
	Over mountainous land through dense sage and oak brush, mostly sage; descend
4.00	Spring drain 1 lk. wide 1 inch deep, course E.;
	A small spring bears W. about 50 lks. dist.
40.00	Set a limestone, 16 x 8 x 6 ins., 11 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
43.20	Little Diamond Creek, 10 lks. wide, 3 ins. deep, in bottom of Little Diamond Fork, 50 ft. below ridge, course S. E.; ascend.
44.00	Road, bears N. W. and S. E.
80.00	Set a sandstone, 16 x 12 x 10 ins., 11 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked with 1 notch on S. and 1 notch on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.
	Land, mountainous.
	Soil gravelly and clay loam, 2nd. rate.

Chains	
	No timber. Undergrowth, sage and oak brush. Good grass for grazing. Mountainous land, or land covered with dense undergrowth. 80.00 Chs.
	East, on a random line bet. secs. 23 and 36.
40.00	Set temp. 1/4 sec. cor.
78.00	Intersect E. bdy. of Tp. 20 Lks. N. of the cor. of secs. 23, 30, 31, and 36 heretofore described. Thence run N. 89° 31' W., on a true line bet. secs. 23 and 36. Over mountainous land, through scattering undergrowth, descend.
20.25	Wash, 4 Lks. wide, course S. W.
29.00	Top of spur, 100 ft. above cor. bears N. E. and S. W.; descend.
29.50	Wagon road, bears N. and S.
30.25	Creek, 15 Lks. wide, 4 ins. deep, in Wanrhodes Canon 150 ft. below ridge, course S.; ascend.
38.00	Set a white limestone, 20x12x7 ins., 15 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone, 2 ft. base, 1½ ft high, N. of cor. Pits impracticable.
59.00	Top of spur, 40 ft. above canon, bears N. and S.; descend.
62.00	Bottom of hollow, 20 ft. below ridge, course S.; ascend.
70.00	Top of spur, 30 feet above hollow, bears N. and S.; descend.
78.00	The cor. of secs. 23, 26, 35 and 36.

Chains	
	Land, mountainous. Soil, gravelly loam; 2nd. rate. No timber. Undergrowth, oak and sage brush. Good grass for grazing. Mountainous land, 78.00 chs. August 9, 1899: At this cor. we set off 15° 46' N., on the decl. arc; and at 0h. 2m. p.m., l. m. t., observe the sun on the meridian; the resulting lat. is 40° 03' N., which is the proper lat. nearly.
	N. 0° 01' W., bet. secs. 23 and 26. Over mountainous land, through dense undergrowth; ascend.
16.00	Top of divide ridge bet. Little Diamond Fork and Wanrhode Canon, 100 ft. above cor., bears N. 80° W. and S. 80° E.; descend.
40.00	Set a limestone, 20 x 12 x 10 ins., 15 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W of cor. Pits impracticable.
57.25	Spring branch, 3 lks. wide, 2 ins. deep, in hollow 100 ft. below ridge, course S. 70° E.; ascend.
79.00	Top of ridge, 20 ft. above hollow; bears E. and W.; descend.
80.00	Set a quartzite stone, 20 x 12 x 6 ins., 15 ins. in the ground, for cor. of secs. 23, 24, 25, and 26, marked with 2 notches on S. and 1 notch on E. edges; and

Chains	
	raise a mound of stone, 2 ft base, 1½ ft high, W. of cor. Pits impracticable. Land, mountainous. Soil, gravelly loam; 2nd rate. No timber. Undergrowth, oak and sagebrush. Good grass for grazing. Mountainous land, or land covered with dense undergrowth. 80.00 chs.
	S. 89° 57' E., on a random line bet. secs. 24 and 25:
40.00	Set temp. ¼ sec. cor.
77.90	Intersect E. bdy. of Tp. at the cor. of secs. 19, 24, 25, and 30, heretofore described. Thence we run N. 89° 57' W., on a true line bet. secs. 24 and 25: Over mountainous land, through scattering oak and sage brush; ascend.
1.60	Top of spur, 10 ft. above sec. cor., bears N. 30° E. and S. 30° W.; descend.
23.00	Bottom of hollow; 200 ft. to cor. ridge, course S. 30° W.; ascend.
26.30	Top of ridge, 40 ft. above hollow, bears N. 40° E. and S. 40° W.; descend.
37.90	Set a quartzite stone, 20 x 12 x 6 ins., 15 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits. impracticable.
48.00	Wagon road, bears N. 10° W. and S. 10° E.
48.50	Creek, 12 lks. wide, 8 ins. deep, rocky bottom, rapid current, in

Chains	
	Wannhoder Canon, 400 ft. below ridge. course S. 10° E.; ascend
57.00	Enter dense undergrowth, bears N. 10° W. and S. 10° E.
77.90	The cor. of secs. 23, 24, 25, and 26. Land mountainous. Soil gravelly and clay loam 2nd. rate. No timber. Undergrowth, oak and sagebrush. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 77.90 chs.

August 9, 1899.

August 10, 1899: At 7 h. 29 m. a. m., il, m, t; we set off 40° 06' N., on the lat. arc. 15° 3 3/8' N., on the decl. arc, and determine a true meridian with the solar at the cor. of secs. 23, 24, 25, and 26.

Thence we run N. 0° 01' W., bet. secs. 23 and 24. Over mountainous land, through dense undergrowth; descend.

21.00	Bottom of hollow, 100 ft. below cor. course S. E.; ascend.
40.00	Set a limestone, 18 x 12 x 8 ins., 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable. This cor. is about 100 ft. above hollow.
44.00	Top of ridge 140 ft above hollow; bears N. 38° W. and S. 38° E.; descend

Chains	
63.00	Bottom of hollow 30 ft. below ridge course S. 70° E.; ascend.
80.00	Set a sandstone, 24 x 14 x 10 ins., 18 ins. in the ground, for cor. of secs. 13, 14, 23, and 24, marked with 3 notches on S. and 1 notch on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil gravelly; 2nd. and 3rd. rate.
	no timber.
	Undergrowth, oak and sage brush.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.

	S. 89° 31' E., on a random line bet. secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
77.95	Intersect E. bdy. of T. 7 S., 15 chs. S. of the cor. of secs. 13, 18, 19, and 24, heretofore described.
	Thence we run
	N. 89° 31' W., on a true line bet. secs. 13 and 24.
	Over mountainous land, through dense undergrowth; descend.
37.95	Set a white limestone, 20 x 12 x 7 ins., 15 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
40.25	Foot of descent, 200 ft. below sec. cor., bears N. and S. Road, bears N. and S.

Chains	
	Enter cultivated lands in Wanrhodes Cañon; leave undergrowth.
41.50	Creek, 12 lks. wide, 2 ins. deep, in Wanrhodes Cañon, course S.
42.00	Pole fence, bears N. and S.; enter dense undergrowth.
43.00	Leave cañon bottom, bears N. and S.; ascend.
71.95	The cor. of secs. 13, 14, 23, and 24.
	Land, mountainous
	Soil, black loam and gravelly
	1st. and 3 ord. rate.
	No timber.
	Undergrowth, oak and sage brush.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 76.20 chs.
	August 10, 1899: At this cor. we set off 15° 29' N., on the decl. arc, and at 0 h. 4 m. p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 07' N., which is about the proper lat.

	N. 0° 01' W., bet secs. 13 and 14.
	Over mountainous land, through dense undergrowth; ascend.
3.75	Top of ridge, 10 ft. above sec. cor., bears E. and W.; descend.
21.00	Creek, 6 lks. wide, 2 ins. deep, rapid current, in cañon, 200 ft. below ridge, course S. 60° E.; ascend.
40.00	Set a white sandstone, 24 x 12 x 8 ins., 18 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; and

Chains raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

57.50 Foot of perpendicular ledge, 20 ft. high, bears E. and W.

69.50 Top of ridge, 250 ft. above ¼ sec. cor., bears N. 80° E. and S. 80° W.; descend.

80.00 Set a white limestone, 28 x 12 x 7 ins. 21 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, marked with 4 notches on S. and 1 notch on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, mountainous.
Soil, black loam and gravelly, 1st. and 3rd. rate.
No timber.
Undergrowth, oak and sage brush.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.

S. 89° 57' E., on a random line bet. secs. 12 and 13.

110.00 Set temp. ¼ sec. cor.

78.11 Intersect E. bdy. of Tp. at the cor. of secs. 7, 12, 13 and 18 heretofore described.

Chains surveyed.

N. 89° 57' W., on a true line bet. secs. 12 and 13.

Over mountainous land, through scattering undergrowth; descend abruptly.

12.50 Creek, 10 lks. wide, 6 ins. deep, in

Chains	
	Right hand fork of Wanrhodes Cañon, 200 ft. below sec. cor., course S. 5-5° W.; ascend.
18.25	Top of ridge, 150 ft. above cañon, bears N. and S.; descend.
22.25	Creek, 5 lks. wide, 4 ins. deep, in left hand fork of Wanrhodes Cañon, 15 ft. below ridge, course S. 35° E.; ascend.
38.10	Set a sandstone, 18 x 9 x 8 ins., 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable
41.00	Top of ridge, 300 ft. above cañon, bears N. 15° W. and S. 15° E.; descend.
48.00	Bottom of hollow, 150 ft. below ridge, course S. 20° E.; ascend.
58.00	Top of ridge 75 ft. above hollow bears N. W. and S. E.; descend.
66.00	Bottom of hollow, 50 ft. below ridge course S. E.; ascend.
78.10	The cor. of secs. 11, 12, 13, and 14.

Land, mountainous.
Soil, gravelly; 3rd. rate.
No timber.
Undergrowth, oak and sage brush.
Good grass for grazing.
Mountainous land, 78.10 chs.

August 10, 1899

August 11, 1899: At 7h. 3m. a. m., l. m. t., we set off 40° 08' N., on the lat. arc; 15° 16' N., on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 11, 12, 13, and 14.

Chains	
	Thence we run.
	N. 0°01' W., bet. secs. 11 and 12.
	Over mountainous land,
	through dense undergrowth;
	descend.
11.00	Bottom of cañon, 30 ft. below cor., course S. E.; ascend.
40.00	Set a sandstone, 16 x 8 x 4 ins., 11 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
50.00	Top of ridge, 40 ft. above 1/4 sec. cor., bears N. W. and S. E.; descend.
80.00	Set a white sandstone, 20 x 10 x 7 ins., 15 ins. in the ground, for cor. of secs. 1, 2, 11, and 12, marked with 5 notches on S. and 1 notch on E. edges; from which.
	An aspen, 6 ins. diam., bears S. 48° E., 270 lks. dist., marked T. 8 S. R. 4 E., S. 12, B. T.
	An aspen, 4 ins. diam., bears N. 4° 30' W., 71 lks. dist., marked T. 8 S., R. 4 E. S. 2, B. T.
	No other trees within limits; raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of Cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly loam; 2nd. rate.
	No timber.
	Undergrowth, oak.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth 80.00 chs.

Chains	
	S. 89° 5-7' E., on a random line bet. secs. 1 and 12.
40.00	Set temp. 1/4 sec. cor.
78.00	Intersect E. bdry. of Tp. 15 Lks. S. of the cor. of secs. 1, 6, 7, and 12, heretofore described.
	Thence we run
	S. 89° 5-7' W. On a true line bet, secs. 1 and 12.
	Over mountainous land, through dense oak and maple brush and aspen sapplings; ascend.
4.00	Leave aspen and maple, bears N. and S.
28.50	Top of high ridge, 400 ft. above sec. cor., bears N. and S.; descend abruptly.
38.00	Set a limestone, 24 x 12 x 8 ins., 18 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high N. of cor. Pits impracticable.
41.00	Bottom of hollow; 400 ft. below ridge, course S. 5° E.; ascend.
56.00	Top of ridge, 230 ft. above hollow, course S. 30° E.; descend.
76.70	Bottom of hollow, 175 ft. below ridge, course S. W.; ascend.
78.00	The cor. of secs. 1, 2, 11, and 12.
	Land, mountainous.
	Soil, gravelly loam; 2nd. rate.
	No timber.
	Undergrowth, oak, maple, and aspen.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 78.00 chs.
	August 11, 1899: At the noon hour the sky is overcast and

Chains solar observations are impossible.

Note: Knowing from connections already made that the line bet. secs. 1 and 2 will not close on the N. bdy. of the Tp. within the prescribed limits, We run N. 0°01' W., on a true line bet. secs 1 and 2.

Over mountainous land, through dense undergrowth; descend.

1.10 Bottom of cañon, 8 ft. below cor. course S. E.; ascend.

21.00 Top of ridge, 100 ft. above cañon, bears N. 20° W. and S. 20° E.; descend.

40.00 Set a conglomerate stone, 30 x 10 x 8 ins., 22 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; and raise a mound of stone, 2 ft base, 1 1/2 ft. high, W. of cor. Pits impracticable.

44.00 Head of swale, 50 ft. below ridge, course S. 50° E.; ascend.

50.00 Top of divide ridge, bet. Wanhoda and Day's cañons, 100 ft. above hollow; bears N. 60° E. and S. 30° W.; descend.

67.00 Bottom of hollow 250 ft. below ridge; course N. 60° W. ascend,

82.00 Top of ridge 200 ft. above hollow, bears N. 80° W. and S. E.; descend.

113.72 Intersect N. bdy. of Tp, 2.08 chs. E. of the cor. of secs. 1, 2, 35 and 36. heretofore described.

Set a quartzite stone, 22 x 12 x 9 ins, 16 ins. in the ground, for closing cor. of secs. 1 and 2, marked C. C. on S.; with 1 groove on E. and 5 grooves on W. faces; and raise a

Chains	mound of stone, 2 ft. base 1½ ft. high, S. of cor. Pits impracticable. Note: We destroy all marks on the cor. of secs. 1, 2, 35 and 36, which pertain to secs. 1 and 2. Land, mountainous. Soil, gravelly loam; 2nd. rate. No timber. Undergrowth oak and bark. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 113.72 chs.
	August 11, 1899.
	August 12, 1899: At 8 h. 3 m. a. m., l. m. t., we set off 40° 04′ N., on the lat. arc.; 14° 35′ N., on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 2, 3, 34, and 35 on S. bdy. of Tp. heretofore described, Thence we run.
	N. 0° 02′ W., bet. secs. 34 and 35. Over mountainous land, through scattering undergrowth; descend.
10.00	Bottom of hollow, 40 ft. below cor. course S. E.; ascend.
28.00	Top of ridge, 100 ft. above hollow; N. 80° W. and S. 80° E.; descend.
38.50	Bottom of hollow, 60 ft. below ridge, course S. 65° E.
40.00	Set a red sandstone, 18 x 10 x 6 ins., 12 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ high W. of cor. Pits impracticable.
59.00	Top of ridge, 400 ft. above hollow;

Chain bears N. 60° W. and S. 60° E.; des
-80.00 Set a gray sandstone, 16 x 12 x 8 ins., 11 ins. in the ground, for cor. of secs. 26, 27, 34, and 35; marked with 1 notch on S. and 2 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft high W. of cor. Pits impracticable.
Land, mountainous.
Soil, black loam; 1st. rate.
no timber.
Undergrowth, scattering oak.
Good grass for grazing.
Mountainous land, 80.00 chs.

East on a random line bet. secs. 26 and 35:
110.00 Set temp. ¼ sec. cor.
80.00 Intersect N. and S. line at the cor. of secs. 25, 26, 35 and 36.
Thence we run
West, on a true line bet. secs. 26 and 35:
Over rolling mountains; through scattering bunches of oak brush; descend.
40.00 Set a sandstone, 28 x 10 x 8 ins., 21 ins. in the ground for ¼ sec. Cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ high, N. of cor. Pits impracticable.
44.00 Creek, 6 lks. wide, 3 ins. deep, in Little Diamond Fork, 100 ft. below sec. cor., Course S. 60° E.; ascend.
45.00 Enter dense undergrowth, bears N. 60° W. and S. 60° E.
56.00 Top of ridge, 300 ft. above canon, bears N. and S.; descend.
58.00 Bottom of hollow, 50 ft. below ridge

Chains	
	course N.; ascend.
80.00	The cor. of secs. 26, 27, 34, and 35.
	Land, mountainous.
	Soil, black loam and gravelly;
	1st. and 2nd. rate.
	No timber.
	Undergrowth, oak and sage brush.
	Good grass for grazing.
	Mountainous land, or land
	covered with dense undergrowth.
	80.00 chs.
	August 12, 1899: We set off 14° 5'
	E., on the decl. arc; and at 0h.
	2m. p. m., l. mn. t., observe the
	sun on the meridian, the result
	ing lat. is 40° 0' 5" N. which is
	about the proper lat.

	N. 0°02' W., bet. secs. 26 and 27.
	Over mountainous land, through
	dense oak brush; descend.
23.25	Wood road, bears N. W. and S. E.
25.25	Creek, 20 lks. wide, 6 ins. deep,
	sluggish current, in Little Diamond
	Fork, 200 ft. below cor., course S. E.;
	ascend.
40.00	Set a sandstone, 16 x 10 x 5 ins., 11 ins.
	in the ground, for 1/4 sec. cor.,
	marked 1/4 on W. face; from which
	An oak, 3 ins. diam; bears
	N. 22° E., 45 lks. dist., marked
	1/4 S. 26, B. T.
	An oak, 3 ins. diam., bears
	N. 30° W. 32 lks. dist., marked
	1/4 S. 27. B. T.
80.00	Set a gray limestone, 16 x 8 x 6 ins.,
	11 ins. in the ground, for cor.
	of secs. 22, 23, 26, and 27, marked
	with 2 notches on S. and 2 notches

Chains	
	on E. edges; and raise a mound of stone, 2 ft. base, 1½ high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, loam and gravelly; 1st. and 2nd. rate.
	No timber.
	Undergrowth, oak brush.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.
	East on a random line bet. secs. 23 and 26.
40.00	Set temp. ¼ sec. cor.
80.30	Intersect N. and S. line, 10 lks. N. of the cor. of secs. 23, 24, 25 and 26.
	Thence we run.
	N. 89° 56' W., on a true line bet. secs. 23 and 26.
	Over mountainous land, through scattering undergrowth; ascend.
10.00	Top of spur, 100 ft. above cor.; bears N. 60° W. and S. E.; descend.
23.25	Bottom of hollow, 50 ft. below ridge, course S. E.; ascend.
40.15	Set a gray sandstone, 16 x 10 x 6 ins., 11 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
44.50	Top of ridge, 80 ft. above hollow, bears N. 30° W. and S. 65° E.; descend
49.50	Bottom of hollow, 50 ft. below ridge, course S. 60° E.; ascend.
73.00	Top of divide ridge bet. Little Diamond Fork and Washoe's Cañons, 180 ft. above hollow; bears

Subdivision of T. 8 S., R. 4 E.—Continued.

Chains	
	N. 15° W. and S. 15° E.; descend.
77.75	Bottom of hollow, 40 ft. below ridge, course S. 5° E.; ascend.
80.30	The Cor. of secs. 22, 23, 26 and 27.
	Land, mountainous.
	Soil, gravelly loam; 2nd. rate.
	No timber.
	Undergrowth, oak and sage brush.
	Good grass for grazing.
	Mountainous land, 80.30 chs.
	August 12, 1899.

August 14, 1899: At 7h. 33m. a. m., l. m. t., we set off 40°06' N., on the lat. arc; 14°21' N., on the decl. arc; and determine a true meridian with the solar, at the Cor. of secs. 22, 23, 26 and 27.

Thence we run.

N. 0°02' W. bet. secs. 22 and 23.

Over mountainous land, through dense oak and sage brush; ascend.

10.00	Top of divide ridge bet. Little Diamond Fork and Wanehodi's Cañons 250 ft. above Cor., bears N. 20° W. and S. 20° E.; descend.
25.00	Bottom of hollow, 200 ft. below ridge, course S. E.; ascend.
40.00	Set a limestone, 28 x 12 x 8 ins., 21 ins. in the ground, for 1/4 sec. Cor., marked 1/4 on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of Cor. Pits impracticable.
41.00	Top of ridge, 350 ft. above hollow, bears E. and W.; descend.
60.00	Bottom of hollow, 200 ft. below ridge, course S. 30° E.; ascend.
74.00	Top of ridge, 100 ft. above hollow.

Chains	
	bears N. 80° W. and S. 80° E.; enter scattering timber.; descend.
80.00	Set a sandstone, 15 x 10 x 8 ins., 10 ins. in the ground, for cor. of secs. 14, 15, 22, and 23, marked with 3 notches on S. and 2 notches on E. edges; from which
	A maple, 4 ins. diam., bears N. 70° E. 24 lks. dist., marked T. 8 S., R. 4 E., S. 14, B. T.
	An oak, 8 ins. diam., bears S. 7° E., 10 lks. dist., marked T. 8 S., R. 4 E., S. 23, B. T.
	A maple 5 ins. diam., bears S. 23° 30' W. 30 lks. dist., marked T. 8 S., R. 4 E. S. 22 B. T.
	A maple, 7 ins. diam., bears N. 12° W. 34 lks. dist., marked T. 8 S., R. 4 E., S. 15; B. T.
	Land, mountainous.
	Soil, rich black loam and gravelly; 1st. and 2nd. rate.
	Timber, oak and maple.
	Undergrowth, oak, maple, and service berry.
	Good grass for grazing.
	Mountainous, or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.
	S. 89° 56' E. on a random line bet. secs. 14 and 23.
40.00	Set temp. 1/4 sec. cor.
80.40	Intersect N. and S. line 30 lks. S. of the cor. of secs. 13, 14, 23 and 24. Thence we run
	S. 89° 51' W., on a true line bet. secs. 14 and 23.
	Over mountainous land, through

Chains	
	dense undergrowth; ascend.
40.20	Set a sandstone, 18x10x10 ins., 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of Co. Pits impracticable.
62.50	Top of ridge, 300 ft. above sec. cor., bears N. W. and S. E., descend.
76.25	Bottom of hollow, 20 ft. below ridge, course S. E.
	Leave undergrowth, enter scattering timber, bears N. W. and S. E.
80.40	The cor. of secs. 14, 15, 22, and 23.
	Land, mountainous.
	Soil, black loam and gravelly; 1st. and 3rd. rate.
	Timber, maple and oak.
	Undergrowth, oak and service berry.
	Good grass for grazing.
	Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.40 chs.
	August 14, 1899. At the noon hour the sky is overcast and solar observations are impossible.

	N. 0° 02' W., bet. secs. 14 and 15.
	Over mountainous land, through scattering aspen and maple timber; descend.
4.00	Bottom of hollow, 20 ft. below cor., course S. E.; ascend.
14.00	Top of spur, 50 ft. above hollow, bears N. W. and S. E.; descend.
40.00	Set a sandstone, 18x10x4 ins., 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; from which
	A maple, 6 ins. diam., bears

Chains	
	S. 76° E., 10 lks. dist., marked 1/4 S. 14, B. T.
	A maple, 6 ins. diam., bears N. 75° W. 30 lks. dist., marked 1/4 S. 15; B. T.
46.25	Spring branch, 1 lk. wide, 1 in. deep, good water, in hollow; 25 ft. below 1/4 sec. cor., Course E.
	A spring bears W. about 2.00 chs. dist.; ascend.
59.00	Top of spur, 100 ft. above hollow, bears N. W. and S. E.; descend.
70.00	Bottom of hollow, 200 ft. below ridge, course E.; enter dense undergrowth, bears E. and W.; ascend.
75.00	Top of spur, 200 ft. above hollow, bears E. and W.; descend.
78.00	Bottom of hollow, 100 ft. below spur, course E.; ascend.
80.00	Set a white limestone, 16 x 10 x 10 ins., 11 ins. in the ground, for cor. of secs. 10, 11, 14 and 15; marked with 4 notches on S. and 2 notches on E. edges; from which.
	A maple, 5 ins. diam., bears N. 23° E., 75 lks. dist; marked T. 8 S., R. 4 E., S. 11, B. T.
	An aspen, 4 ins. diam., bears S. 29° E., 35 lks. dist., marked T. 8 S., R. 4 E., S. 14, B. T.
	An aspen, 8 ins. diam., bears S. 34° W., 32 lks. dist., marked T. 8 S. R. 4 E., S. 15: B. T.
	A maple, 6 ins. diam., bears N. 29° W., 105 lks. dist., marked T. 8 S., R. 4 E., S. 10 B. T.
	Land, mountainous,
	Soil, black loam; 1st. rate.
	Timber, aspen and maple.
	Undergrowth, oak and service berry.

Chains.	
	Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs.
	N. 89° 30' E., on a random line bet. secs. 11 and 14.
40.00	Set temp. 1/4 sec. cor.
80.30	Intersect N. and S. line, 10 lks. N. of the cor. of secs. 11, 12, 13 and 14. Thence we run S. 89° 30' W., on a true line bet. secs. 11 and 14. Over mountainous land, through dense undergrowth; ascend.
20.00	Top of ridge, 300 ft. above cor., bears N. W. and S. E.; descend.
40.15	Set a sandstone, 22 x 12 x 7 ins., 16 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; from which An oak, 4 ins. diam., bears S. 4° W. 20 lks. dist., marked 1/4 S. 14. B. T. No other trees with in limits; raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable.
3.7.25	Bottom of branch of Wanrhodes Canon, 300 ft. below ridge, course S. 25° E.; ascend.
3.8.50	Enter scattering maple and aspen timber bears N. and S.
80.30	The cor. of secs. 10, 11, 14 and 15. Land, mountainous. Soil, black loam and gravelly; 1st. added 3rd rate. Timber, maple and aspen. Undergrowth, oak and thimble-

Chains	
	berry. Good grass for grazing. Mountainous land or land covered with dense undergrowth, 80.30 chs. August 14, 1899.
	August 15, 1899: At 7 h. 4 m. a. m., l. m. t., we set off 40° 08' N., on the lat. arc. 14° 3' N., on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 10, 11, 14, and 15: Thence we run. N. 0° 02' W., bet. secs. 10 and 11. Over mountainous land, through scattering timber and dense undergrowth; ascend.
20.00	Enter heavy timber, bears E. and W.
26.00	Top of divide ridge bet. Wanrhodes and Davis cañons, 130 ft. above cor., bears N. 30° E. and S. 30° W.; wood road on top of ridge, bears with ridge; descend.
40.00	Set a white sandstone, 14 x 12 x 8 ins., 9 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; from which An aspen, 4 ins., diam., bears S. 62° E., 75 lks. dist., marked 1/4 S. 11, B. T. A red pine, 12 ins. diam., bears N. 65° W. 62 lks. dist., marked 1/4 S. 10 B. T.
41.30	Dray road, bears N. W. and S. E., in bottom of cañon, 30 ft. below 1/4 sec. cor., course N. W.; ascend.
56.30	Top of ridge, 100 ft. above cañon, bears E. and W.; leave heavy

Chains	
	timber and enter scattering timber bears with ridge; descend.
77.00	Drag rodd, bears N. E. and S. W.
77.50	Bottom of hollow, 75-ft. below ridge, course N. 25° E.; ascend.
80.00	Set a sandstone, 20 x 10 x 7 ins., 15 ins. in the ground, for cor. of secs. 2, 3, 10, and 11, marked with 3 notches on S. and 2 notches on E. edges; from which.
	An aspen, 6 ins. diam., bears N. 65° E., 65 lks. dist., marked T. 8 S., R. 4 E., S. 2, B. T.
	An aspen, 6 ins. diam., bears S. 70° E. 54 lks. dist., marked T. 8 S., R. 4 E., S. 11, B. T.
	An aspen 7 ins. diam. bears., S. 20° W., 53 lks. dist. marked T. 8 S., R. 4 E., S. 10, B. T.
	An aspen, 5 ins. diam., bears N. 55° W., 48 lks. dist., marked T. 8. S. R. 4 E., S. 3 B T.
	and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, mountainous.
	Soil, loam and gravelly; 1st. and 3rd. rate.
	Timber aspen, pine, and maple.
	Undergrowth, oak, thimble berry, and service berry.
	Good grass for grazing.
	Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 Chs.

	N. 89° 55' E., on a random line bet. secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.
80.18	Intersect N. and S. line, at the

Chains	
	cor. of secs. 1, 2, 11, and 12.
	Thence we run
	S. 89° 35' W., on a true line bet.
	secs. 2 and 11.
	Over mountainous land, through
	dense oak brush; ascend.
25.00	Top of divide ridge, bet. Wanrhode's
	and Day's cañons 350 ft. above sec.
	cor., bears N. 30° E. and S. 30° W.;
	descend.
29.50	Bottom of hollow 30 ft. below ridge,
	course N. 20° E.; ascend.
35.50	Top of spur, 80 ft. above hollow, bears
	N. and S.; descend.
110.09	Set a sandstone, 18 x 8 x 7 ins., 12 ins.
	in the ground for 1/4 sec. cor., mark-
	ed 1/4 on N. face; and raise a mound
	of stone, 2 ft. base, 1 1/2 ft. high, N. of
	cor. Pits impracticable.
118.00	Enter heavy aspen timber, bears
	N. and S.
57.50	Bottom of hollow, 300 ft. below ridge,
	course N. 15° W.; ascend.
34.00	Leave timber, bears N. and S.
63.00	Top of spur, 300 ft. above hollow,
	bears N. 30° W. and S. 30° E.; descend.
74.00	Drag road, bears N. W. and S. E.,
	in cañon, 200 ft. below spur,
	course N. W.; enter scattering
	timber, bears with cañon; ascend
75.00	Top of ridge, 20 ft. above cañon, bears
	N. W. and S. E.; descend.
76.00	Bottom of cañon, 25 ft. below ridge,
	course N. 20° E., drag road in bottom
	bears with cañon; ascend.
80.18	The cor. of secs. 2, 3, 10, and 11.
	Land, mountainous.
	Soil, sandy and gravelly loam;
	2nd rate.
	Timber, aspen.
	Undergrowth, oak.

Chains	
	Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.18 chs. August 15, 1899: At this cor. we set off 13° 3-8' N., on the decl. arc; and at 0 h. 3 m. p. m., l. m. t., observe the sun on the meridian; the resulting lat. is 40° 08' N., which is about 0'39" less than the prop. lat.
	For reasons already explained we run N. 0° 02' W., on a true line bet. secs. 2 and 3. Over mountainous land, through dense undergrowth; and scattering timber; descend.
15.00	Wood road, bears N. 15° W. and S. 15° E.; in bottom of right hand fork of Day Canon 200 ft. below cor., course N. 15° W.; ascend.
29.50	Top of ridge, 150 ft. above canon, bears N. W. and S. E.; descend.
34.25	Road in same canon, 250 ft. below ridge, course N. 30° E.; ascend.
40.00	Set a sandstone 14 x 10 x 6 ins; 9 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft high, W. of cor. Pits impracticable.
61.00	Top of spur, 50 ft. above, 1/4 sec. cor., bears N. E. and S. W.; descend.
69.00	Bottom of hollow, 40 ft. below ridge, course E.; ascend.
76.50	Top of spur, 130 ft. above hollow; bears E. and W.; descend.
90.50	Bottom of right hand fork of Day Canon, 300 ft. below spur, course N.

Chains	
	30° W. Wood road in bottom.
97.25	Top of spur, 150 ft. above canon, bears N. 70° W. and S. 70° E.; descend.
108.00	Bottom of left hand fork of Days canon, 900 ft. below spur, course West, ascend.
113.80	Intersect N. bdy. of Tp., 2.20 chs. E. of the cor. of secs. 2, 3, 34 and 35; heretofore described.

Set a sandcoated limestone, 24 x 6 x 6 ins., 18 ins. in the ground, for closing cor. of secs. 2 and 3, marked C. C on S.; with 2 grooves on E. and 4 grooves on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Note; We destroy all marks on the cor. of secs. 2, 3, 34 and 35; which pertain to secs. 2 and 3.

Land, mountainous.

Soil, loam and gravelly; 1st. and 3rd rate.

Timber, aspen.

Undergrowth, oak, maple, service-berry, and sage.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 113.80 chs

August 15, 1899.

August 16, 1899: At 8h. 4m. a. m., l. m. t., we set off 40° 04' N. on the lat. arc, 13° 42' N. on the decl. arc; and determine a true meridian, with the solar, at the cor. of secs. 34, 33 and 34.

Thence we run

N. 0° 02' W, bet. secs. 33 and 34.

Over mountainous land, through dense undergrowth; ascend.

Chains	
40.00	Set a limestone, 20 x 8 x 6 ins., 13 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
48.00	Top of ridge, 100 ft. above 1/4 sec. cor.; bears N. 30° E. and S. 40° W.; descend.
56.50	Bottom of hollow; 100 ft. below ridge, course N. E.; ascend.
80.00	Set a limestone, 18 x 10 x 4 ins., 12 ins. in the ground, for cor. of secs. 27, 28, 33, and 34, marked with 1 notch on S. and 3 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, gravelly; 3rd. rate. No timber. Undergrowth, oak and larb. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs.

	East, on a random line bet. secs. 27 and 34.
40.00	Set temp. 1/4 sec. cor.
80.10	Intersect N. and S. line, at the cor. of secs. 27, 34 and 35. Thence we run West, on a true line, bet. secs. 27 and 34. Over mountainous land, through dense undergrowth; descend.
16.00	Bottom of hollow, 120 ft. below cor. Course N. W.; ascend.

Chains	
32.50	Top of ridge, 200 ft. above hollow; bears N. W. and S. E.; descend.
40.05	Set a sandstone, 16 x 8 x 6 ins., 11 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable.
42.00	Bottom of canon, 200 ft. below ridge, course N. W.; ascend.
47.75	Top of ridge, 75 ft. above canon, bears N. and S.; descend.
58.00	Bottom of hollow, 90 ft. below ridge, course N.; ascend.
66.50	Top of ridge, 50 ft. above hollow, bears N. and S.; descend.
67.50	Bottom of hollow, 100 ft. below ridge, course S.; ascend
80.10	The cor. of secs. 27, 28, 33, and 34. Land, mountainous. Soil, gravelly loam; 2nd. rate. No timber. Undergrowth, oak and sage brush. Good grass for grazing. Mountainous land or land, covered with dense undergrowth, 80.10 chs. August 16, 1899: At this cor. we set off 13° 39' N., on the decl. arc; and at 0h. 4m. p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 05' N., which is about the proper lat.

N. 0° 2' W., bet. secs. 27 and 28. Over mountainous land, through dense oak brush; ascend.

.45	Top of ridge, 5 ft. above cor, bears N. E. and S. W.; descend.

Chains	
6.00	Enter scattering pine timber, bears E. and W.
8.00	Leave pine timber, bears E. and W.
16.00	Foot of descent, bears E. and W.; thence across flat. Enter scattering aspen timber, bears E. and W.
18.25	Wash, 25 lks. wide, 5 ft. deep, course N. E.
20.00	Wood road, bears N. E. and S. W. Leave aspen timber, bears N. E. and S. W.
40.00	Set a limestone, 18 x 8 x 6 ins., 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; and raise a mound of stone, 2 ft. base 1 1/2 ft. high, W. of cor. pits impracticable.
40.50	A large spring bears E., 100 lks. dist., course E. begin ascent, bears E. and W.
53.00	Top of ridge, 200 ft. above 1/4 sec. cor., bears N. 60° W. and S. 60° E. enter scattering aspen and maple timber, bears with ridge; descend.
80.00	Set a sandstone, 14 x 10 x 5 ins., 9 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked with 2 notches on S. and 3 notches on E. edges; from which An aspen, 4 ins. diam., bears N. 12° E., 15 lks. dist., marked T. 8 S., R. 4 E., S. 22 B. T. A maple, 4 ins. diam., bears S. 64° E. 8 lks. dist., marked T. 8 S., R. 4 E., 27, B. T. A maple, 4 ins. diam., bears S. 34° W., 12 lks. dist. marked T. 8 S., R. 4 E., S. 28, B. T. A. maple, 3 ins. diam., bears

Chains	
	N. 10° W. 15 lks. dist., marked T. 8 S., R. 4 E., S. 21, T. T.
	Land, mountainous,
	Soil, rich black loam; 1st. rate.
	Timber, aspen and maple,
	Undergrowth, oak,
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth,
	80.00 chs.
	East, on a random line bet. secs. 22 and 27.
40.00	Set temp. 1/4 sec. cor.,
80.20	Intersect N. and S. line, 14 lks. N. of the cor. of secs. 22, 23, 26 and 27.
	Thence we run
	N. 89° 54' W., on a true line bet. secs. 22 and 27.
	Over mountainous land, through scattering undergrowth; ascend.
20.00	Top of ridge, 200 ft. above sec. cor., bears N. 20° W. and S. 20° E.; descend.
24.00	Bottom of swale 50 ft. below ridge, course S.; ascend.
40.10	Set a sandstone, 16 x 10 x 6 ins., 11 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
43.00	Top of ridge, 50 ft. above swale, bears N. 20° E. and S. 20° W.; descend.
72.45	Creek, 8 lks. wide, 2 ins. deep, rocky bottom, rapid current, good water, in bottom of Little Diamond Fork, 400 ft. below ridge, course S., Enter scattering aspen and maple timber, bears N. and S.; ascend.

Chains	
75.00	Top of spur, 10 ft. above canon, bears N. and S.; descend.
77.50	Creek, 3 lks. wide, 3 ins. deep, in branch of Little Diamond Fork, 20 ft. below spur, course S. 40° E.; ascend.
80.20	The cor. of secs. 21, 22, 27, and 28. Land mountainous. Soil, black loam and gravelly; 1st and 3rd. rate. Timber, maple and aspen. Undergrowth, oak and sage brush. Good grass for grazing. Mountainous land, 80.20 chs. August 16, 1899.

August 17, 1899; At 7h. 28m. a. m., l. m. t., we set of 40° 06' N., on the lat. arc; 13° 24' N., on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 21, 22, 27, and 28. Thence we run N. 0° 02' W., bet. secs. 21 and 22. Over mountainous land, through scattering aspen and maple timber, and dense undergrowth descend.

2.25	Creek, 3 lks. wide, 2 ins. deep, in branch of Little Diamond Fork, 30 ft. below cor., course S. 50° E. ascend.
16.00	Top of spur, 150 ft. above canon, bears N. W. and S. E.; descend.
40.00	Set a sandstone, 16 x 10 x 3 ins., 11 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; from

Chains	
	which
	An aspen, 3 ins. diam., bears S. 12° E., 26 lks. dist., marked 1/4 S. 22 B.T.
	An aspen, 4 ins. diam., bears S. 16° W., 40 lks. dist., marked 1/4 S. 21, B.T.
40.15	Bottom of hollow, 30 ft. below spur, course S. 20° E.; ascend.
47.50	Top of spur, 75 ft. above hollow, bears E. and W.; descend.
50.25	Bottom of same hollow, 30 ft. below spur, course S. 20° W.; ascend.
65.50	Top of spur, 60 ft. above hollow, bears E. and W.; descend.
70.25	Bottom of same hollow, 40 ft. below spur, course S. 20° E.; ascend.
80.00	Set a trachyte stone, 18 x 10 x 6 ins., 12 ins. in the ground, for cor. of secs. 15; 16, 21 and 22, marked 8 S. on N. E., and 4 E. on S. E. faces; with 3 notches on S. and 3 notches on E. edges; from which.
	A maple, 3 ins. diam., bears N. 41° E., 22 lks. dist., marked T. 8 S., R. 4 E., S. 15; B. T.
	A maple, 3 ins. diam., bears S. 60° E. 33 lks. dist., marked T. 8 S., R. 4 E., S. 22, B. T.
	A maple, 4 ins. diam., bears S. 24° W., 7 lks. dist., marked T. 8 S., R. 4 E., S. 21, B T.
	A maple, 4 ins. diam., bears N. 33° W., 51 lks. dist., marked T. 8 S., R. 4 E., S. 16. B.T.
	Land, mountainous.
	Soil, black loam; 1st. rate.
	Timber, aspen and maple.
	Undergrowth, oak, service berry, and maple.
	Good grass for grazing.

Chains	mountainous land, or land covered with dense undergrowth, 80.00 Chs.
	August 17, 1899: At the noon hour the sky is overcast and solar observations are impossible.
	S. 89° 3.4' E. on a random line bet. secs. 15 and 22.
11.00	Set temp. 1/4 sec. cor.
80.30	Intersect N. and S. line, 22 lks. S. of the cor. of secs. 14, 15, 22 and 23.
	Thence we run S. 89° 3.7' W., on a true line bet. secs 15 and 22.
	Over mountainous land, through dense undergrowth; ascend.
22.50	Top of divide ridge bet. Little Diamond Fork and Wanrhodes Canons 200 ft. above sec. cor. bears N. 3.0 W. and S. 3.0 E.; descend.
40.15	Set a limestone, 15 x 16 x 8 ins., 10 ins in the ground, for 1/4 sec. cor., marked 1/4 on N. face; from which An oak, 11 ins. diam., bears N. 39° W., 20 lks. dist., marked 1/4 S., 15 R. 3 E. A maple, 4 ins. diam., bears S. 20° 30' W., 35 lks. dist., marked 1/4 S. 22, R. 3 E.
43.00	Enter scattering pine and aspen, bears N. and S.
49.25	Bottom of Little Diamond Fork, 400 ft. below ridge, course S. 30° W. Leave timber, bears with canon
75.25	Top of spur, 250 ft. above canon, bears N. and S.; descend.
80.30	The cor. of secs. 15, 16, 21 and 22. Land, mountainous.

Chains

Soil, black loam and gravelly; 1st and 2nd. rate.
Timber, pine and aspen.
Undergrouth, oak, maple, and choke cherry.
Good grass for grazing.
Mountainous land, or land covered with dense undergrouth, 80.30 chs.
At the cor. of secs. 15, 16, 21, and 22, / latitude 40° 07' N., longitude 111° 30° W.; At 9h. 42m. p. m., l. m. t., we observe Polaris at eastern elongation, in accordance with the Manual of instructions, and mark a point in the line thus determined by a tack driven in a wooden plug; set in the ground, 5.00 chs. N. of our station.

August 17, 1898

August 18, 1899: At 6h. 30m. a. m., l. m. t., we lay off the azimuth of Polaris 1° 36.3' to the west, and mark the True Meridian thus determined by cutting a small groove in the stone firmly set in the ground, west of the mark established by Polaris observation, the magnetic bearing of said true meridian is N. 16° 28' W., which reduced by the table, page 100 of the Manual, gives the mean mag. decl. 16° 28' E.

At 7h. 9m. a. m., l. m. t., we set off 40° 07' N. on the lat. arc, 13° 3' N. on the dec. arc, and mark the true meridian determined with the solar, by a cross on the stone already set 5.00 chs. N. of our station

Chains	
	This mark falls 0.22 lks. ~~east~~ of the true meridian established by Polaris observation; therefore we conclude that the adjustments of the instrument is satisfactory. Thence we run
	N. 0° 02' W., bet. secs. 15 and 16.
	Over mountainous land, through dense undergrowth; ascend.
13.50	Top of divide ridge, bet. Little Diamond Fork and Maple Canon. 100 ft. above sec. cor., bears E. and W.; descend.
32.50	Bottom of hollow, 100 ft. below ridge, course N. W.; ascend.
37.50	Top of spur, 20 ft. above hollow, bears N. W. and S. E.; descend.
40.00	Set a sandstone, 20 x 14 x 4 ins., 15 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; from which
	An aspen, 4 ins. diam., bears N. 37° E., 41 lks. dist., marked 1/4 S. 15; B. T.
	An aspen, 4 ins. diam., bears N. 30° W. 41 lks. dist., marked 1/4 S. 16, B. T.
42.20	Old wood road, bears N. 70° E. and S. 70° W., in bottom of left hand fork of Maple Canon, 15 ft. below 1/4 sec. cor., course S. 70° W.; ascend.
58.50	Top of spur, 175 ft. above canon, bears N. 30° E. and S. 30° W.; descend.
80.00	An aspen, 4 ins. diam., for cor. of secs. 9, 10, 15, and 16. we mark
	T. 8 S., S. 10 on N. E.,
	R. 4 E., S 15 on S. E.,
	S. 16 on S. W., and
	S. 9 on N. W. sides; with 4 notches on S. and 3 notches on E., sides;

chain from which.

An aspen, 6 ins. diam., bears N. 30° E., 13 lks. dist., marked T. 8 S., R. 4 E., S. 10 B. T.

An aspen, 4 ins. diam., bears S. 54° E. 4 lks. dist., marked T. 8 S., R. 4 E., S. 15 B. T.

An aspen, 4 ins. diam., bears S. 61° W., 11 lks. dist., marked T. 8 S., R. 4 E., S. 16 B. T.

An aspen, 4 ins. diam., bears N. 50° W. 14 lks. dist., marked T. 8 S., R. 4 E., S. 9, B. T.

Land, mountainous.
Soil, black loam; 1st. rate.
No timber.
Undergrowth, oak, maple, and aspen saplings,
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.

N. 89° 57' E., on a random line bet. secs. 10 and 15.

40.00 Set temp. 1/4 sec. cor.

80.12 Intersect N. and S. line at the cor. of secs. 10, 11, 14, and 15.
Thence we run
S. 89° 57' W., on a true line bet. secs. 10 and 15.
Over mountainous land, through dense undergrowth; ascend.

9.75 Old wood road, bears N. 10° E. and S., on top of divide ridge, bet. Wanrhode's and Day's cañons, 200 ft. above cor., bears N. 10° E. and S. Enter scattering pine and

Chains	
	aspen timber, bears with ridge.
30.00	Bottom of right hand fork of Day's Canon, 250 ft. below ridge, course N. 10° E.; ascend.
40.06	Set a sandstone, 16 x 10 x 6 ins., 11 ins in the ground, for 1/4 sec. cor., marked 1/4 on N. face; from which An aspen, 4 ins. diam., bears N. 35° W. 32 lks. dist., marked 1/4 S. 10, B. T. An aspen, 8 ins. diam, bears S. 60° E., 60 lks. dist., marked 1/4 S. 15; B. T.
50.00	Drag road on top of divide ridge bet. Day's and Maple Canon's, 900 ft. above 1/4 sec. cor., bears N. and S.; descend gradually.
80.12	The cor. of secs. 9, 10 15 and 16. Land, mountainous. Soil, black loam; 1st. rate. Timber, pine and aspen. Undergrowth oak, willows and maple. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.12 chs. August 18, 1899: At this cor. we set off 13° 0' N., on the decl. arc; and at 11 h. 38 m. a. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 08' N., which is about 0.13' greater than the proper lat.

N. 0° 02' W., bet. secs. 9 and 10.
Over mountainous land, through scattering aspen timber; descend.

Chains

5.25 Drag road, bears E. and W. in hollow, 20 ft. below sec. cor., course W.; ascend.

23.00 Leave timber and enter dense undergrowth, bears E. and W.

40.00 Set a sandstone, 18 x 9 x 9 ins., 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; and raise a mound of stone, 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable.

60.00 Top of divide ridge bet. Oak and Maple Cañons, 300 ft. above hollow; bears N. and S. 5° E.

80.00 Set a sand stone, 26 x 16 x 6 ins., 19 ins. in the ground, for cor. of secs. 3, 4, 9, and 10, marked 1/4 with 3 notches on S. and 3 notches on E. edges; and raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.

Land, mountainous.

Soil, black loam and gravelly; 1st. and 2nd. rate.

Timber, aspen.

Undergrowth, oak, maple, and service berry.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

August 18 1899.

August 19, 1899: At 7h. 32m. a. m., l. m. t., we set off 40° 08' N., on the lat. arc; 12° 45' N., on the decl. arc, and determine a true meridian with the solar, at the cor. of secs.

Chains	
	3, 4, 9 and 10.
	Thence we run
	N. 89° 30' E., on a random line bet. secs. 3 and 10.
40.00	Set temp. 1/4 sec. cor.
80.22	Intersect N. and S. line, 3 lks. S. of the cor. of secs. 2, 3, 10 and 11.
	Thence we run
	S. 89° 30' W. on a true line bet. secs. 3 and 10.
	Over mountainous land, through dense oak brush; ascend.
7.00	Leave oak brush, and enter dense aspen saplings, bears N. W. and S. E.
11.50	Drag road, bears N. 30° W. and S. 30° E.
37.00	Leave aspen saplings and enter heavy aspen timber, bears N. 20° E. and S. 20° W.
40.11	Set a sandstone, 14 x 9 x 6 ins., 9 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; from which
	An aspen, 6 ins. diam., bears N. 18° E. 49 lks. dist., marked 1/4 S. 3, B.T.
	An aspen, 8 ins. diam., bears S. 39° 15' E. 23 lks. dist., marked 1/4 S. 10 B.T.
60.00	Leave timber and enter aspen saplings, bears N. and S.
80.22	Top of divide ridge bet. Grindstone and Day's cañons, 5.00 ft. above sec. cor., bears N. and S.
	The cor. of secs. 3, 4, 9, and 10.
	Land, mountainous.
	Soil, black loam and gravelly; 1st. and 3rd. rate.
	Timber, aspen.
	Undergrowth, oak brush and

Chains	
	aspen saplings. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.22 chs. August 19, 1899: At the noon hour the sky is overcast and solar observations are impossible.
	For reasons already explained we run N. 0°02' W., on a true line bet. secs. 3 and 4. Over mountainous land, along top of ridge
12.00	Leave ridge, bears N. 10° W. and S. Enter dense undergrowth, and scattering timber bears with ridge, descend.
35.00	A small spring bears W. about 50 lks. dist.
40.00	Set a sandstone, 14 x 10 x 10 ins., 9 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; from which An aspen, 4 ins. diam., bears N. 30° E., 30 lks. dist., marked 1/4 S. 3, B. T. An aspen, 6 ins. diam., bears S. 30° W., 36 lks. dist. marked 1/4 S. 4 B. T.
44.00	Bottom of swale, 100 ft. below ridge, course E.; ascend.
52.50	Top of divide ridge bet. Day's and Dry Canons, 75 ft. above swale, bears N. 70° E. and S. 70° W. descend.
83.25	Bottom of Dry Canon, 900 ft. below ridge, course N. W.; ascend.
113.75	Intersect N. bdy. of Tp. 1 S. 5 chs. E.

Chains	
	of the cor. of secs. 3, 4, 33, and 34, heretofore described.
	Set a sandstone, 20 x 10 x 5 ins., 15 ins. in the ground, for closing cor. of secs. 3 and 4, marked C. C. on S.; with 3 grooves on E., and W., faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable
	Note: We destroy all marks on the cor. of secs. 3, 4, 33, and 34, which pertain to secs. 3 and 4.
	Land, mountainous.
	Soil, black loam and gravelly; 1st. and 3rd. rate.
	Timber, scattering pine and aspen.
	Undergrowth, oak, aspen and larb.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 113.75 chs.
	August 19, 1899.

August 21, 1899: At 7h. 28m. a. m., l. m. t., we set off 40° 04' N., on the lat. arc; 12° 6' N., on the decl., arc; and determine a true meridian with the solar at the cor. of secs. 4, 5; 32 and 33, on S. bdy. of Tp., heretofore described.

Thence we run

N. 0° 03' W.; bet. secs. 32 and 33.

Over mountainous land, through dense undergrowth; ascend.

11.25 Top of ridge, 100 ft. above sec. cor., bears N. 60° W. and S. 60° E.; descend.

Chains	
36.00	Bottom of hollow, 100 ft. below ridge, course S. 60° E.; ascend.
40.00	Set a sandstone, 14 x 10 x 5 ins., 9 ins in the ground, for 1/4 sec. cor., marked 1/4 on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft high, W. of cor. Pits impracticable.
51.00	Top of ridge, 100 ft. above hollow; bears E. and W.; descend; leave undergrowth and enter heavy aspen timber, bears E. and W.
71.75	Bottom of hollow, 90 ft. below ridge, course E.; ascend.
80.00	Set a sandstone, 22 x 7 x 6 ins., 16 ins. in the ground, for cor. of secs. 28, 29, 32, and 33. marked with 1 notch on S. and 4 notches on E. edges; from which An aspen, 4 ins. diam., bears N. 39° E., 38 lks. dist., marked T. 8 S., R. 4 E. S 28, B.T. An aspen, 4 ins. diam., bears S. 78° E., 23 lks. dist, marked T. 8 S., R. 4 E., S. 33. B.T. An aspen, 4 ins. diam., bears S. 67° W., 30 lks. dist., marked T. 8 S., R. 4 E., S. 32, B. T. An aspen, 5 ins. diam., bears N. 62° 30' W., 42 lks. dist., marked T. 8 S., R. 4 E., S. 29, B. T.

Land, mountainous
Soil, black loam and gravelly; 1st. and 2nd. rate.
Timber, aspen.
Undergrowth, oak, maple and service berry.
Good grass for grazing.
Mountainous or heavily timbered land, or land covered with

Chains	dense undergrowth, 80.00 chs.
	East, on a random line bet. secs. 28 and 33.
40.00	Set temp. 1/4 sec. cor.
80.06	Intersect N. and S. line, at the cor. of secs. 27, 28, 33, and 34.
	Thence we run
	West on a true line bet. secs. 28 and 33.
	Over mountainous land, through dense oak brush; ascend.
.25	Top of ridge, 10 ft. above cor., bears N. 20° E. and S. 20° W.; descend.
26.00	Bottom of branch of Little Diamond Fork, 25.0 ft. below ridge, course N. E.; ascend.
27.50	Enter heavy aspen timber, bears N. E. and S. W.
29.50	Leave aspen timber, bear N. E. and S. W.
40.03	Set a sandstone, 16 x 10 x 8 ins., 11 ins. in the ground for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable.
77.00	Enter heavy aspen timber, bears N. and S.
80.06	The cor. of secs. 28, 29, 32, and 33.
	Land, mountainous.
	Soil, black and gravelly loam; 1st. and 2nd. rate.
	Timber, aspen.
	Undergrowth, oak, maple and service berry.
	Good grass for grazing.
	Mountainous Land 80.06 chs.
	August 21, 1899: At this cor. we set off 12° 1' N., on the decl. arc; and at 0h. 4m. p. m., l. a. t., observe

Chains	
	the sun on the meridian, the resulting lat. is 40° 05' N., is about the proper lat.
	N. 0° 03' W., bet. secs. 28 and 29. Over mountainous laind, through heavy aspen timber; ascend.
5.00	Top of ridge, 200 ft. above cor., bears E. and W. Leave timber and enter dense undergrowth, bears with ridge; descend.
18.00	Bottom of hollow, 350 ft. below ridge, course E.; ascend.
22.75	Top of ridge, 200 ft. above hollow, bears E. and W.; descend.
30.00	Leave undergrowth and enter heavy aspen timber, bears E. and W.
40.00	Set a sandstone, 15 x 10 x 9 ins., 10 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; from which An aspen, 14 ins. diam., bears N. 20° 30' E., 25 lks. dist., marked 1/4 S. 28, B.T. An aspen, 14 ins. diam., bears N. 27° W., 22 lks. dist., marked 1/4 S. 29, B.T.
43.00	Bottom of hollow, 200 ft. below ridge, course E.; ascend.
50.00	Leave timber and enter dense undergrouth, bears E. and W.
54.00	Top of ridge, 250 ft. above hollow, bears N. 80° W. and S. 80° E.; descend
62.25	Bottom of hollow, 300 ft. below ridge, course S. 80° E. Enter dense aspen saplings, bears with hollow; ascend.
80.00	Set a sandstone, 18 x 8 x 6 ins., 12 ins. in the ground, for cor. of secs. 20, 21, 28, and 29, marked with 2 notches

Chains	
	on S. and 4 notches on E. edges; from which
	An aspen, 4 ins. diam., bears N. 10° E., 22 lks. dist., marked T. 8 S., R. 4 E., S. 21, B. T.
	An aspen, 4 ins. diam., bears S. 40° E. 10 lks. dist., marked T. 8 S., R. 4 E., S. 28 B. T.
	A maple, 4 ins. diam., bears S. 46° W., 33 lks. dist., marked T. 8 S., R. 4 E., S. 29, B. T.
	An aspen, 4 ins. diam., bears N. 5° 30' W. 12 lks. dist., marked T. 8 S., R. 4 E., S. 20. B. T.
	Land, mountainous.
	Soil, black loam; 1st. rate.
	Timber, aspen.
	Undergrowth, oak, maple, aspen, choke cherry, and willow.
	Good grass for grazing.
	Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.

	East, on a random line bet. secs. 21 and 28.
40.00	Set temp. 1/4 sec. cor.
80.24	Intersect N. and S. line, 16 lks. S. of the cor. of secs. 21, 22, 27, and 28.
	Thence we run S. 89° 53' W., on a true line bet. secs. 21 and 28.
	Over mountainous land, through dense undergrowth, and scattering timber; ascend.
4.00	Leave timber, bears N. W. and S. E.
37.50	Top of ridge, 300 ft. above sec. cor., bears N. W. and S. E.; descend.

Chains	
40.12	Bottom of swale, 50 ft. below ridge, course S. 20° E. Set a sandstone, 18 x 12 x 6 ins., 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable; ascend.
44.50	Top of spur, 100 ft. above swale, bears N. 20° W. and S. 20° E.; descend.
64.00	Bottom of branch of Little Diamond Fork, 200 ft. below spur, course S. 20° E.; ascend.
75.00	Leave oak, maple and choak cherry and enter dense aspen saplings, bears N. and S.
80.24	The cor. of secs. 20, 21, 28, and 29. Land, mountainous. Soil, black loam and gravelly; 1st. and 2nd. rate. Timber, aspen. Undergrowth, oak, maple, choke cherry and aspen saplings. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.24 chs.

August 21, 1899.

August 22, 1899: At 7h. 2m. a.m., l. mn. t., we set off 40° 06' N. on the lat. arc; 11° 47' N., on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 20, 21, 28 and 29,

Thence we run

N. 0° 03' W., bet. secs. 20 and 21

Over mountainous land, through

Chains	
	dense undergrowth; descend.
4.25	Bottom of branch of Little Diamond Fork, 15.0 ft. below sec. cor., course S. 80° E.; ascend
38.00	Leave undergrowth and enter heavy aspen timber, bears S. and W.
40.00	Top of divide ridge, bet. Little Diamond Fork and Maple Canon, 25.0 ft. above canon, bears N. & and W. An aspen, 8 ins. diam., for 1/4 sec. cor. bet. secs. 20 and 21, We mark 1/4 S. 20 on W. side, and 21 on E. side; from which
	An aspen, 11 ins. diam. bears N. 61° E., 45 lks. dist., marked 1/4 S. 21, B. T.
	An aspen, 5 ins. diam., bears S. 70° W., 28 lks. dist., marked 1/4 S. 20, B. T.
	Descend gradually.
70.00	Leave aspen timber and enter aspen saplings, bears S. and W.
80.00	Set a sandstone, 18 x 10 x 6 ins., 12 ins. in the ground, for cor. of secs. 16, 17, 20, and 21, marked with 3 notches on S. and 4 notches on E. edges; from which.
	An aspen, 5 ins. diam., bears N. 57° E., 49 lks. dist., marked T. 8 S., R. 4 E., S. 16, B. T.
	An aspen, 4 ins. diam., bears S. 70° 15' E., 32 lks. dist., marked T. 8 S., R. 4 E., S. 21 B. T.
	An aspen, 4 ins. diam., bears S. 63° W., 12 lks. dist. marked T. 8 S., R. 4 E., S. 20. B. T.
	An aspen, 5 ins. diam. bears N. 41° W., 46 lks. dist. marked T. 8 S., R. 4 E., S. 17. B. T.
	Land, mountainous.
	Soil, black loam; 1st. rate.

Chains Timber, aspen.
undergrowth, aspen, oak, and maple.
Good grass for grazing.
Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.

N. 89° 32' E., on a random line bet. secs. 16 and 21.

40.00 Set temp. 1/4 sec. cor.

80.14 Intersect N. and S. line 10 lks. N. of the cor. of secs. 15, 16, 21, and 22.
Thence we run
S. 89° 57' W., on a true line bet. secs. 16 and 21.
Over mountainous land, through dense undergrowth; descend.

1.75 Bottom of hollow, 20 ft. below sec. cor., course S. 5° E.; ascend.

23.00 Top of divide ridge bet. Little Diamond Fork and Maple Canon, 230 ft. above hollow, bears N. E. and S. W.; descend.

32.50 Bottom of hollow, 60 ft. below ridge, course N. E.; ascend.

40.07 Set a sandstone, 14 x 9 x 7 ins., 9 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; from which
An aspen, 4 ins. diam., bears N. 10° E., 3.7 lks. dist. marked 1/4 S. 16., B. T.
An aspen, 4 ins. diam., bears S. 13° E., 3.3 lks. dist., marked 1/4 S. 21., B T.

51.50 Top of spur, 130 ft. above 1/4 sec. cor., bears N. and S., descend.

78.95 Dray road, bears N. 10° W. and S. 10° E., in bottom of Dibble Canon,

Chains	300 ft. below spur, course N. 10° W.; ascend.
80.14	The cor. of secs. 16, 17, 20, and 21. Land, mountainous. Soil, black loam; 1st. rate. No timber. Undergrowth, oak, maple, and aspen saplings. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.14 Chs. August 22, 1899: At this cor. we set off 11° 41' N. on the decl. arc; and at 11h. 37m. a.m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 07' N., which is about the proper lat.

N. 0° 03' W; bet. secs. 16 and 17. Over mountainous land, through dense undergrowth; descend.

8.50	Dray road, bears N. 10° W. and S. 10° E., in bottom of Dibble Canon, 20 ft. below cor., course N. 10° W.; ascend
18.00	Top of spur, 30 ft. above canon, bears S. and W.; descend.
23.00	Enter scattering pine and aspen timber, bears S. and W.
40.00	An aspen 8 ins. diam., for 1/4 sec. cor. bet. secs. 16 and 17, we mark 1/4 S. 17 on W. side, and S. 16 on S. side; from which. An aspen, 6 ins. diam., bears S. 5° E., 15 lks. dist., marked 1/4 S. 16 B. T. An aspen, 6 ins. diam., bears S. 20° W., 30 lks. dist., marked

Chain 1/4 S. 17, T. 8 S.

49.75 Bottom of hollow, 300 ft. below spur, course N. W. Leave timber and aspen saplings, bears with hollow; ascend

80.00 Set a hard sandstone, 15 x 10 x 5 ins., 10 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked with 4 notches on S., and E. edges, and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
Land, mountainous,
Soil, black and gravelly loam, 1st and 2nd. rate.
Timber, pine and aspen.
Undergrowth, aspen saplings, choak cherry, service berry, and thimble berry.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.

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

40.00 Set temp. 1/4 sec. cor.

80.10 Intersect N. and S. line, 15 lks. S. of the cor. of secs. 9, 10, 15, and 16.
Three at run.
S. 89° 57' W., on a true line bet. secs. 9 and 16.
Over mountainous land, through dense undergrowth; descend.

9.25 Drag road, bears N. 60° E. and S. 60° W. in bottom of hollow, 100 ft. below cor., course S. 60° W.; ascend.

31.00 Top of spur, 50 ft. above hollow, bears N. 60° E. and S. 60° W.; descend.

Chains	
33.00	Creek, 3 lks. wide, 2 ins. deep, rocky bottom, rapid current, clear, cold water, in bottom of left hand fork of Maple Canon, 250 ft. below spur, course N. 25° W.; ascend.
96.25	Wood road, bears N. 25° W. and S. 25° E.
40.03	Set a hard sandstone, 18 x 10 x 8 ins., 12 ins. in the ground, for 1/4 sec. cor., marked 1/4, on N. face; from which A willow, 4 ins. diam., bears N. 60° W., 10 lks. dist., marked 1/4 S. 9. B. T. A willow, 5 ins. diam., bears S. 21° E. 11 lks. dist., marked 1/4 S. 16. B. T.
71.25	Top of ridge, 600 ft. above canon, bears N. W. and S. E.; descend.
80.10	The cor. of secs. 8. 9, 16, and 17. Land, mountainous. Soil, black loam and gravelly; 1st. and 3rd. rate. No timber. Undergrowth, oak, willow, maple aspen, Choke cherry, service berry, and thimble berry. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.10 chs. August 22, 1899.

August 23, 1899: At 7h. 31m. a. m., l. m. t., we set off 40° 08' N., on the lat. arc, 11° 26' N., on the decl. arc, and determine a true meridian with the solar, at the cor. of

Chains	
	secs. 8, 9, 16, and 17.
	Thence we run
	N. 0° 03' W., bet. secs. 8 and 9.
	Over mountainous land, through
	dense undergrowth; ascend,
9.10	Top of ridge, 50 ft. above sec. cor.,
	bears N. 20° W. and S. E.; enter
	scattering pine timber, bears
	with ridge; descend.
26.00	Wood road, bears N. 70° W. and
	S. 70° E.
27.00	Creek, 3 lks. wide, 1 in. deep, rapid
	current, in bottom of left hand
	fork of Maple Canon, 400 ft. below
	ridge, course N. 70° W. Leave timber,
	bears with canon; ascend.
40.00	Set a limestone, 15 x 10 x 8 ins., 10
	ins. in the ground, for 1/4 sec. cor.,
	marked 1/4 on W. face, and raise
	a mound of stone, 2 ft. base, 1 1/2 ft.
	high, W. of cor. Pits impracticable.
47.12	Top of divide ridge bet. Maple
	and Grindstone Canons. 300 ft.
	above canon, bears N. W. and S. E.;
	descend.
80.00	Set a quartzite stone, 14 x 9 x 6 ins.,
	9 ins. in the ground, for cor. of secs.
	4, 5; 8, and 9, marked with 5 notches
	on S. and 4 notches on E. edges;
	and raise a mound of stone, 2 ft
	base 1 1/2 ft high, W. of cor. Pits
	impracticable.
	Land, mountainous.
	Soil, black loam and gravelly;
	1st. and 3rd. rate.
	Timber, scattering pine.
	Undergrowth, oak, maple and
	service berry.
	Good grass for grazing.
	Mountainous land, or land
	covered with dense undergrowth

Chains	80.00 chs.
	N. 89° 51' E., on a random line bet. secs. 4 and 9.
40.00	Set temp. 1/4 sec. cor.
80.30	Intersect N. and S. line, at the cor. of secs. 3, 4, 9 and 10.
	Thence we run
	S. 89° 51' W., on a true line bet. secs. 4 and 9.
	Over mountainous land, through dense oak brush; descend.
24.00	Leave oak brush and enter dense aspen saplings, bears N. and S.
40.15	Set a sandstone, 24 x 10 x 4 ins., 18 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; from which
	An aspen, 4 ins. diam., bears N. 57° W., 15 lks. dist., marked 1/4 S. 4, B. T.
	An aspen, 4 ins. diam., bears S. 29° E., 23 lks. dist., marked 1/4 S. 9, B. T.
42.50	Leave aspen saplings and enter dense oak and maple brush, bears N. W. and S. E.
114.45	Bottom of Grindstone Canyon, 250 ft. below 1/4 sec. cor., course N. 20° W.; ascend.
80.30	The cor. of secs. 4, 5, 8 and 9.
	Land, mountainous.
	Soil, gravelly loam; 2nd. rate.
	No timber.
	Undergrowth, oak maple and aspen.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.30 chs.

Chains	
	August 23, 1899: At the noon hour the sky is overcast and solar observations are impossible.
	For reasons already explained, We run N. 0°03' W., on a true line bet. secs. 4 and 5. Over mountainous land, through dense undergrowth; descend.
11.00	Bottom of Grindstone Cañon, 100 ft. below sec. cor., course N. 30° W.; ascend.
26.00	Top of ridge, 75 ft. above cañon, bears N. W. and S. E.; descend.
40.00	Set a sandstone, 18 x 10 x 6 ins., 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; from which An aspen, 4 ins. diam., bears S. 69° E, 15 lks. dist., marked 1/4 S. 4, B. T. An aspen, 4 ins. diam., bears N. 51° W., 9 lks. dist. marked 1/4 S. 5, B. T.
48.00	Bottom of hollow, 75 ft. below ridge, course N. W.; ascend.
69.50	Top of ridge, 150 ft. above hollow, bears N. 30° W. and S. 50° E.; descend.
106.72	Intersect George G. Kelly's Private land claim, 183 chs. S. 25° E. from 2½ mile cor. For description of closing cor. see notes of George G. Kelly's Private land claim.
113.90	Intersect N. bdy. of Tp. 190 lks. E. of the cor. of secs. 4, 5; 32 and 33, marked c. c. on S.; with 4 grooves on E. and 2 grooves on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high S. of cor. Pits impracticable. Note: We destroy all marks on cor. of secs. 4, 5; 32, and 33, which pertain to secs. 4 and 5. Land, mountainous.

Chains	
	Soil, gravelly; 3rd rate. No timber. Undergrowth, oak maple and service berry. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 113.90 chs.
	August 23, 1899.
	August 24, 1899. At 8h 0m a.m. l.m. t., we set off 40° 04' N., on the lat. arc; 11° 04' N., on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 5, 6, 31, and 32, on S. bdy. of Tp. heretofore described. Thence we run N. 0° 04' W., bet. secs. 31 and 32. Over mountainous land, through scattering aspen timber; ascend.
4.00	Leave timber and enter aspen saplings, bears E. and W.
28.00	Top of spur, 150 ft. above sec. cor. bears N. 80° E. and S. 80° W.; descend.
34.25	Bottom of hollow, 50 ft. below ridge, course S. 75° W.; ascend
40.00	Set a sandstone, 24 x 10 x 8 ins., 18 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; from which An aspen, 4 ins. diam., bears N. 80° E., 80 lks. dist., marked ¼ S. 32, B. T. An aspen, 4 ins. diam., bears S. 45° W. 100 lks. dist., marked ¼ S. 31, B. T.
40.50	Leave aspen ... saplings, bears E. and W.
80.00	Set a limestone, 16 x 12 x 10 ins.

Chains	
	11 ins. in the ground, for cor. of secs. 29, 30, 31, and 32, marked with 1 notch on S. and 1 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly; 3rd rate.
	Timber, aspen.
	Undergrowth, aspen.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.
	East, on a random line between secs. 29 and 32.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line 16 lks. N. of the cor. of secs. 28, 29, 32, and 33.
	Thence run
	N. 89° 53' W., on a true line between secs. 29 and 32.
	Over mountainous land, through heavy aspen timber; ascend.
9.00	Leave timber, bears N. and S.
13.00	Enter heavy aspen timber, bears N. and S.
30.50	Leave aspen timber, and enter heavy pine and balsam timber, bears N. and S.
40.00	Set a limestone, 30 x 15 x 7 ins., 22 ins. in the ground, for ¼ sec. cor., ¼ on N. face; from which
	A pine, 18 ins. diam., bears N. 10° W., 63 lks. dist., marked ¼ S. 29, B. T.
	A pine, 22 ins. diam., bears S. 15° E., 25 lks. dist., marked

Subdivision of T. 8 S., R. 4 E. - Continued.

Chains	
	¼ S. 32, B. T.
	A limestone ledge, 15 x 10 ft. above ground, bears S. 50° E. 20 lks. dist., ~~use~~ we mark with a (X) cross B. O.
51.58	Foot of perpendicular cliff, 100 ft. high, bears N. W. and S. E.
74.00	Top of divide ridge bet. Little Diamond Fork and Diamond Canon, 600 ft. above sec. cor., bears N. 20° W. and S. 40° E. leave timber, bears with ridge; descend.
80.00	The cor. of secs. 29, 30, 31, and 32.
	Land, mountainous.
	Soil, black loam and gravelly; 1st and 3rd rate.
	Timber, pine and balsam.
	Good grass for grazing.
	Mountainous or heavily timbered land, 80.00 chs.
	August 24, 1899; At this cor. we set off 11° 0' N., on the decl. arc; and at 0h 4m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 05' N., which is about the proper lat.
	West, on a random line bet. secs. 30 and 31.
40.00	Set temp. ± sec. cor.
1 04.10	Intersect W. bdy. of township at the cor. of secs. 30 and 31, heretofore described.
	Thence we run
	East, on a true line bet. secs. 30 and 31.

Chains	
	Over mountainous land, through dense undergrowth; ascend.
26.40	Top of ridge, 500 ft. above cor., bears N. E. and S. W.; leave dense undergrowth and enter scattering sage brush, bears with ridge; descend.
57.90	Bottom of canon, 400 ft. below ridge, course S.; ascend.
64.10	Set a limestone, 20 x 10 x 6 ins., 15 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
77.40	Top of ridge, 200 ft. above canon, bears N. 10° E. and S. 10° W.; descend.
87.30	Bottom of canon, 300 ft. below ridge, course S. 10° W.; ascend.
104.10	The cor. of secs. 29, 30, 31, and 32.
	Land, mountainous.
	Soil, gravelly loam; 2nd rate.
	No timber.
	Undergrowth, oak, maple, and sage brush.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 104.10 chs.
	Note: From this cor. the cairn of stone on "Spanish Fork Peak" marking a triangulation point of the United

Chains	
	States Geological Survey, bears N. 54° 45' W. 57.10 chs. dist. August 24, 1899.
	August 25, 1899: At 7h 2m a. m., l. m. t., we set of 40° 05' N., on the lat. arc; 10° 45' N., on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 29, 30, 31, and 32. Thence we run N. 0° 04' W., bet. secs. 29, and 30. Over mountainous land; through scattering sage brush; ascend.
15.00	Top of divide ridge bet. Diamond Cañon and Little Diamond Fork, 50 ft. above sec. cor., bears N. 60° W. and S. 20° E.; descend.
25.00	Top of perpendicular cliff 100 ft. high, bears N. 70° W. and S. 50° E. Enter scattering pine timber, bears N. 70° W. and S. 50° E.
40.00	Bottom of hollow, 300 ft. below ridge, course E. Set a limestone, 16 x 10 x 4 ins., 11 ins. in the ground, for ± sec. cor., marked ± on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Ascend.
63.00	Top of divide ridge bet. Little Diamond Fork and Maple Cañon, 200 ft. above hollow, bears N. 30° E. and S. 30° W.; descend.
64.25	Top of perpendicular cliff 75 ft. high, bears N. 30° E. and S. 30° W.

Chains	
70.00	Leave timber, bears N. E. and S. W.
75.00	Bottom of right hand fork of Maple Cañon, 250 ft. below ridge, course N. 45° E.; ascend gently.
80.00	Set a sandstone, 24 x 14 x 8 ins., 18 ins in the ground, for cor. of secs. 19, 20, 29, and 30, marked with 2 notches on S. and 5 notches on E. edges; and raise a mound of stone, 2 ft base, 1½ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine. Undergrowth, sage brush. Good grass for grazing. Mountainous land, 80.00 chs.
	S. 89° 53' E., on a random line bet. secs. 20 and 29.
80.10	Intersect N. and S. line at the cor. of secs. 20, 21, 28, and 29. Thence we run N. 89° 53' W., on a true line bet. secs. 20 and 29. Over mountainous land; through dense aspen saplings; ascend.
4.00	Top of spur, 75 ft. above cor., bears N. 10° E. and S. 10° W.; leave aspen saplings and enter heavy pine timber, bears with ridge; descend.
9.50	Bottom of branch of Little Diamond Fork, 100 ft. below ridge course N. 60° E. Leave timber and enter dense undergrowth; ascend.
21.50	Top of spur, 200 ft. above canon, bears N. W. and S. E.; descend.

Subdivision of T. 8 S., R. 4 E. - Continued.

Chains	
34.00	Bottom of same cañon, 50 ft. below spur, course S. 70° E.; ascend.
40.05	Set a limestone, 30 x 15 x 8 ins., 22 ins. in the ground, for 1 sec. cor., marked 1 on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
60.00	Top of Divide ridge bet. Little Diamond Fork and Maple Cañon, 400 ft. above cañon, bears N. E. and S. W.; leave undergrowth and enter heavy pine and aspen timber; descend.
73.00	Drag road, bears N. 20° E. and S. 20° W.
75.00	Bottom of right hand fork of Maple Cañon, 200 ft. below ridge, course N. 20° E. Leave heavy timber and enter scattering timber, bears with cañon; ascend.
80.10	The cor. of secs. 19, 20, 29, and 30.

Land, mountainous.
Soil, gravelly loam; 2nd rate.
Timber, pine and aspen.
Undergrowth, aspen.
Good grass for grazing.
Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.10 chs.
August 25, 1899: At this cor. we set off 10°40' N., on the decl. arc; and at 0h 4m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40°06' N., which is about the proper lat.

Chains	
	West, on a random line bet. secs. 19 and 30.
40.00	Set temp. ± sec. cor.
104.00	Intersect West bdy. of Tp. at the cor. of secs. 19 and 30, heretofore described.
	Thence we run
	East, on a true line bet. secs. 19 and 30.
	Over mountainous land, through scattering undergrowth and scattering pine timber; ascend.
60.00	Top of divide ridge, 150 ft. above hollow, bears N. and S. 30° W., descend.
64.00	Head of hollow, 10 ft. below ridge, course N. E.
	Set a sandstone, 18 X 12 X 5 ins., 12 ins. in the ground, for ± sec. cor., marked ± on N. face; from which
	A pine, 24 ins. diam., bears N. 85° E. 45 lks. dist., marked ± S. 19, B. T.
	A pine, 24 ins. diam., bears South 70 lks. dist., marked ± S. 30, B. T. Ascend.
65.25	Top of divide, 400 ft. above cor., bears N. E. and S. W. Leave pine timber, bears with ridge; descend abruptly.
94.00	A small lake bears S. about 10.00 chs. dist.
104.00	The cor. of secs. 19, 20, 29, and 30.
	Land, mountainous.
	Soil, black loam and gravelly; 1st and 3rd rate.
	Timber, scattering pine.
	Undergrowth, sage and elderberry.
	Good grass for grazing.

Chains	
	mountainous land, 104.00 chs. August 25, 1899.
	August 26, 1899: At 7h. 34m. a. m., l. m. t., we set off. 40° 06' N., on the lat. arc; 10° 23' N. mdn. mc and determine a true meridian with the solar at the cor. of secs. 19, 20, 29, and 30.
	Thence we run
	N. 0° 04' W., bet. secs. 19 and 20.
	Over mountainous land, through dense undergrowth; descend gradually along the east slope of mountain.
5.00	Enter scattering pine and aspen timber, bears E. and W.
30.50	Ridge, 40 ft. above sec. cor. bears N. 50° E. and S. 50° W.; descend.
40.00	Set a limestone, 18 x 16 x 5 ins., 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; from which An aspen, 5 ins. diam., bears N. 78° E. 42 lks. dist; marked 1/4 S. 20 B. T. An aspen, 4 ins. diam; bears S. 70° 30' W. 23 lks. dist., marked 1/4 S. 19, B. T.
42.00	Bottom of hollow, 60 ft. below ridge, course N. 60° E.; ascend.
61.50	Ridge 50 ft. above hollow, bears N. 80° E. and S. 80° W.; descend.
80.00	Set a limestone 16 x 12 x 7 ins., 11 ins. in the ground, for cor. of secs. 17, 18, 19, and 20. marked with 3 notches on S. and 5 notches on E. edges; from which. An aspen, 10 ins. diam., bears N. 50° E., 7 lks. dist. marked

Chains	
	T. 8 S., R. 4 E., S. 17, B. T. An aspen, 8 ins. diam., bears S. 18° E., 44 lks. dist., marked T. 8 S., R. 4 E., S. 20 B. T. An aspen, 10 ins. diam., bears S. 17° W., 48 lks. dist., marked T. 8 S., R. 4 E., S. 19. B. T. An aspen, 10 ins. diam; bears N. 43° W., 22 lks. dist. marked T. 8 S., R. 4 E., S. 18. B. T. Land, mountainous. Soil, black loam., 1st. rate. Timber, pine and aspen. Undergrowth, rose bush, lark, and willows. Good grass for grazing. mountainous land, or land covered with dense undergrowth, 80.00 Chs.
	S. 89° 3.3' E., on a random line bet. secs. 17 and 20.
40.00	Set temp. 1/4 sec. cor.
80.14	Intersect N. and S. line, 12 lks. S. of the cor. of secs. 16, 17, 20, and 21. Thence we run N. 89° 3.8' W., on a true line bet. secs. 17 and 20. Over mountainous land, through scattering aspen timber; ascend.
81.50	Top of divide ridge bet. Dibble Canon and right hand fork of Maple Canon, 400 ft. above sec. cor., bears N. and S. Enter scattering pine timber, bears with ridge; descend.
40.07	Set a limestone, 14 x 8 x 4 ins., 9 ins. in the ground for 1/4 sec. cor, marked 1/4 on N. face; from which. An aspen, 3 ins. diam., bears N. 15° W. 92 lks. dist., marked 1/4 S

Chains	
	17. B. T.
	A pine, 10 ins. diam., bears S. 45° W., 105 lks. dist., marked 1/4 S. 20. B. T.
53.00	Bottom of right hand fork of Maple Canon, 5.00 ft. below ridge, course N. 5° W. Enter dense undergrowth, bears with canons; ascend.
80.14	The cor. of secs. 17, 18, 19, and 20.
	Land, mountainous.
	Soil, black loam; 1st. rate.
	Timber, pine and aspen.
	Undergrowth, rose brush, and lark.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.14 chs.
	August 26, 1899: at this cor. we set off 10° 19' N., on the decl. arc; and at 11h. 5-8m a. m., l. m. t., observe the sun on the meridian the resulting lat. is 40° 07' N., which is nearly the proper lat.

Knowing from connections already made that we will not close on the W. bdy. within limits, we run

West on a true line bet. secs. 18 and 19.

Over mountainous land through dense undergrowth; and scattering timber; ascend.

40.00	Set a limestone 15 x 10 x 6 ins., 10 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable.
46.95	Top of ridge 600 ft. above sec. cor. bears N. and S. Leave scattering timber; descend.

Chains	
103.95	Intersect W. bdy. of Tp. 34 05 chs. South of the cor. of secs. 13, 18, 19 and 24 heretofore described.
	Set a sandstone 18 x 9 x 7 ins. 12 ins. in the ground for closing cor. of secs. 18 and 19, marked C. C. on E., with 3 grooves on N., and S., faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
	Note.—We destroy all marks on the cor. of secs. 13, 18, 19, and 24, which pertain to secs. 18 and 19
	Land, mountainous.
	Soil, black loam; 1st. rate.
	Timber, pine and aspen.
	Undergrowth, oak, maple, rose bush and lark.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth 103.95 chs.
	August 26, 1899.

August 28, 1899; At 7h. 30m. a. m., l. m. t., we set off 40° 07' N. on the lat. arc; 9° 41' N., on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 17, 18, 19, and 20.

Thence we run.

N. 0° 04' W., bet. secs. 17 and 18.

Over mountainous land, through dense undergrowth, and scattering pine and aspen timber; descend.

7.25	Bottom of hollow, 130 ft. below sec. cor., course E.; cend.
13.50	Top of spur, 150 ft. hollow,

Chains	
	bears E. and W.; descend.
22.25	Bottom of hollow, 150 ft. below spur, course E.; ascend.
31.50	Top of spur, 100 ft. above hollow, bears E. and W.; descend.
40.00	Set a sandstone, 16 x 10 x 9 ins., 11 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; from which An aspen, 5 ins. diam., bears N. 70° E., 30 lks. dist., marked 1/4 S. 17. B. T. An aspen, 6 ins. diam., bears S. 60° W. 90 lks. dist., marked 1/4 S. 18 B. T.
80.00	Set a hard sandstone, 18 x 6 x 5 ins., 12 ins. in the ground, for cor. of secs. 7, 8, 17, and 18, marked with 4 notches on S. and 5 notches on E. edges; from which A pine, 8 ins. diam., bears S. 89° W., 20 lks. dist., marked T. 8 S., R. 4 E., S. 18 B. T.

No other trees within limits; raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable

Land, mountainous.
Soil, black loam; 1st. rate.
Timber, scattering pine and aspen.
Undergrowth, oak, bark and willow.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.

S. 89° 58' E., on a random line bet.

Chains	
	secs. 8 and 17.
40.00	Set temp. 1/4 sec. cor.
80.36	Intersect N. and S. line, 8 lks. S. of the cor. of secs. 8, 9, 16, and 17.
	Thence we run
	S. 89° 30' W., on a true line bet. secs. 8 and 17.
	Over mountainous land, through dense undergrowth; descend.
9.75	Creek, 2 lks. wide, 2 lks. deep, rocky bottom, rapid current, in bottom of Dibble Canon, 200 ft. below cor. course N. 10° W.; ascend.
10.00	Wood road, bears N. 10° W. and S. 10° E.
40.18	Set a sandstone, 16 x 9 x 7 ins., 11 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone, 2 ft. base 1 1/2 ft. high, N. of cor. Pits impracticable.
40.65	Top of divide ridge bet. Dibble Canon, and right hand fork of Maple Canon, 600 ft. above canon, bears N. and S.; descend.
66.25	Bottom of right hand fork of Maple Canon, 500 ft. below ridge, course N. 10° W.; ascend.
80.36	The cor. of secs. 7, 8, 17, and 18.
	Land, mountainous.
	Soil, black loam and rocky; 1st. and 4th. rate.
	No timber.
	Undergrowth, oak, maple, willow, birch, and sage brush.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth 80.36 chs.
	August 28, 1899: At the noon hour the sky is overcast and solar observations are impossible.

Chains	
	I. For reasons already explained we run.
	West on a true line bet. secs. 7 and 18.
	Over mountainous land through dense undergrowth; ascend.
14.60	Top of divide ridge, 400 ft. above canon, bears N. 20° E. and S. 20° W.; descend.
40.00	Set a sandstone 18 x 9 x 4 ins., 12 ins. in the ground for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high N. of cor. Pits impracticable.
48.80	Bottom of hollow, 150 ft. below ridge, course N.; ascend.
69.60	Top of ridge, 300 ft. above hollow; bears N. 20° E. and S. 20° W.; descend
94.00	Bottom of hollow, 280 ft. below ridge course N.; ascend.
104.10	Top of ridge 250 ft. above hollow; bears N. 10° E. and S. 10° W.
	Intersect W. bdy. of Tp 3 N. 28 chs. South of the cor. of secs. 7, 12, 13, and 18, which is a sandstone, 6 x 14 x 6 ins., above ground, marked and witnessed as described by Surveyed.
	Set a sandstone 16 x 9 x 7 ins.; 11 ins. in the ground, for closing cor. of secs. 7 and 18, marked C. C. on S.; with 2 grooves on N. and 4 groove on S. faces; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high. E. of cor. Pits impracticable.
	Note: We destroy all marks on the cor. of secs. 7, 12, 13 and 18, which pertain to secs. 7 and 18.
	Land, mountainous.
	Soil, black loam and gravelly; 1st. and 2nd. rate.
	No timber.

Chains	
	Undergrowth, oak, maple, willow, birch, aspen, and rose bush. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 104.10 chs.
	N. 0° 04' W., bet. secs. 7 and 8. Over mountainous land, through dense undergrowth, and scattering timber; descend.
40.00	Set a sandstone, 16 x 10 x 5 ins., 11 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; from which A pine, 4 ins. diam., bears S. 20° E. 38 lks. dist., marked 1/4 S. 8. B.T. A pine, 5 ins. diam., bears S. 7° W., 69 lks. dist., marked 1/4 S. 7, B.T.
48.00	Creek, 11 lks. wide, 4 ins. deep, rocky bottom, rapid current, in bottom of right hand fork of Maple Canon, 400 ft. below sec. cor., course N.W.; ascend.
48.50	Wood road, bears N.W. and S.E.
53.50	Edge of mesa, 60 ft. above canon, bears N.W. and S.E., thence across mesa.
60.00	Leave mesa, bears N. 80° W. and S. 80° E.; descend.
64.84	Creek, 10 lks. wide, 8 ins. deep, rocky bottom, rapid current, in bottom of left hand fork of Maple Canon, 70 ft. below mesa, course W; leave timber, bears with canon; ascend.
65.25	Wood road, leading to Mapleton, bears E. and W.

Chains	
80.00	Set a quartzite stone, 18 x 11 x 6 ins., 12 ins. in the ground, for cor. of secs. 5; 6, 7, and 8, marked with 5 notches on S., and E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly loam; 2nd. rate.
	Timber, scattering pine.
	Undergrowth, oak maple, and sage.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.
	August 28, 1899.
	August 29, 1899; At 7h. 30m. a.m., l. m. t., we set off 40° 08' N., on the lat. arc; 9° 20' N., on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 5; 6, 7, and 8.
	Thence we run
	N. 89° 39' E., on a random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.20	Intersect N. and S. line, 28 lks. S. of the cor. of secs. 4, 5; 8, and 9.
	Thence we run.
	S. 89° 47' W., on a true line bet. secs. 5 and 8.
	Over mountainous land, through dense undergrowth; ascend.
34.00	Top of divide ridge between maple and grindstone canons, 175 ft. above sec. cor., bears N. 20° W. and S. 20° E.; leave dense under-

Chains	
	growth and enter scattering undergrowth, bears with ridge; descend gradually.
40.00	Set a quartzite stone, 20 x 10 x 6 ins., 15 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high N. of cor. Pits impracticable.
80.20	The cor. of secs. 5, 6, 7 and 8.
	Land, mountainous.
	Soil, gravelly loam and rocky; 2nd. and 4th. rate.
	No timber.
	Undergrowth, oak, sage, larb, and wild currant.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.20 chs.

Note: For reasons already explained, we run.

West, on a true line bet. secs. 6 and 7.

Over mountainous land, through scattering oak and sage brush; descend gradually along S. slope of mountain.

40.00	Set a sandstone, 20 x 12 x 4 ins., 15 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable.
70.14	Intersect W. bdy. of Tp 34.33 chs. S. of the cor. of secs. 1, 6, 7, and 12, which is a sandstone, 6 x 14 x 10 ins., above ground, firmly set, and marked and witnessed as described by

Chains	
	the surveyor general.
	Set a sandstone, 16 x 10 x 6 ins., 11 ins. in the ground, for closing cor. of secs. 6 and 7, marked C. C. on E.; with 1 groove on N. and 3 grooves on S. faces; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor. Pits impracticable.
	Note: We destroy all marks on the cor. of secs. 1, 6, 7, and 12, which pertain to secs. 6 and 7.
	Land, mountainous.
	Soil, gravelly; 3rd. rate.
	No. timber.
	Undergrowth, oak and sage.
	Good grass for grazing.
	Mountainous land, 104.14 chs.
	August 29, 1899; At the noon hour the sky is overcast and solar observations are impossible.
	X
	Note: For reasons already explained, we run,
	N. 0° 04' W., on a true line bet. secs. 5 and 6.
	Over mountainous land, through scattering oak and sage brush; ascend steep mountain.
25.00	Top of divide ridge bet. Maple and Hobble Creek canyons, 300 ft. above sec. cor., bears N. 60° W. and S. 60° E.; descend.
38.00	Bottom of swale, 80 ft. below ridge, course N. E.; ascend.
40.00	Set a sand coated limestone, 18 x 9 x 5 ins., 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high W. of

Chains	
	Cor. Pits impracticable.
3.3.3.0	Top of spur, 30 ft above swale, bears N. E. and S. W.; descend.
3.9.3.0	Bottom of swale, 40 ft. below spur, course N. E.; ascend.
66.3.0	Top of spur, 30 ft. above swale, bears N. E. and S. W.; descend.
110.00	Foot of descent, 400 ft. below spur, bears E. and W.; Enter bottom of Hobble Creek Canon.
114.10	Intersect N. bdy. of Tp. 2.03 chs. E. of the cor of secs. 5; 6. 31 and 32, heretofore described.

Set a sandstone, 18 x 10 x 8 ins., 12 ins in the ground, for closing cor. of secs. 5 and 6, marked C.C. on S.; with 3 grooves on E. and 1 groove on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Note: We destroy all marks on the cor. of secs. 5; 6, 31 and 32, which pertain to secs. 5 and 6.

Land, mountainous.

Soil, gravelly loam and rocky; 2nd and 4th. rate.

No timber.

Undergrowth, oak and sage brush.

Good grass for grazing.

Mountainous land, 114.10 chs.

August 29, 1899.

General Description.

This township is all mountainous, and the soil ranges from rocky ground to rich black loam. The soil in the hollows and where the land is heavily timbered is generally rich black loam, capable of

Chains

producing abundant crops without irrigation. The soil of the remaining portion of the township is mostly gravelly loam, and can be classed as 2nd. and 3rd. rate; there is very little 4th. rate land in the township.

The entire township is covered with an abundant growth of rich and nutritious grasses.

There is considerable pine and aspen timber all over the township and a limited amount of oak and maple timber.

A very dense undergrowth of oak, maple, willow, choke cherry, thimble berry, aspen, service berry, and larb covers almost the entire township.

There are no indications of mineral in the township.

The township is very well watered, by creeks in Maple, Dark, Diamond, and Wanrhodes Canons, and numerous springs.

The township is well adapted for stock raising.

W. Franklin Pace has a private land claim in sec. 36.

A part of Elizabeth Kelly's private land claim extends into sec. 5.

A part of George G. Kelly's private land claim extends into secs. 4 and 5.

Gallup has a house and cultivated land in sec. 13.; not seen from lines.

We do not find Hyrum Swensen, Burr C. Williams, nor James H. Alleman, nor their improvements.

Scott C. Stewart
John R. Stewart
U. S. Deputy Surveyors.

BLANK

PAGE

BLANK

PAGE

are blank.

BLANK

PAGE

Bdy. of W. Franklin Pace's P.S.C. T. 8 S. R. 4 E.

W. Franklin Pace having duly presented his claim and proofs of 20 years adverse possession of a tract of land found to be in sec. 36, T. 8 S. R. 4 E.

In accordance with special instructions we proceed to establish the boundaries of the claim as follows:

At a point 24.46 chs. N. of the cor. of Tps. 8 and 9 S., R. 4 and 5 E. described in the E. bdy. of T. 8 S. R. 4 E.

Set a white sandstone, 20 x 12 x 8 ins., 15 ins. in the ground, for beginning cor. No. 1., marked W. F. P. Beg. Cor. 1., on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable.

July 27, 1899: at 8h 30m a. m., l. m. t., at the above described cor. we set off 40° 54' N., on the lat. arc; 19° 12' N., on the decl. arc; and determine a true meridian with the solar at the beginning cor.

Thence we run

Over mountainous land through dense undergrowth; ascend.

S. 60° 30' W. 49.63 chs.. At 16.00 chs Top of spur, 5.0 ft. above cor., bears N. 30° W. and S. 30° E.; descend. At 40.00 chs. Set a sandstone, 22 x 14 x 4 ins. 16 ins. in the ground, for ½ mile cor. marked W. F. P. ½ M. on N face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. At 40.13 chs. Creek 5.0 lks. wide, 1.0 ins deep, in bottom of Diamond Canon 1.00 ft. below spur, course S. 30° W. At 44.45 chs. Creek in Diamond Canon, course N 70° W. At 49.63 chs. Set a yellow sandstone, 18 x 15 x 5 ins., 12 ins.

18. x 12 x 5 ins., 12 ins. in the ground, for angle cor. no. 2, marked W. F. P. L 2 on N. E. face; from which a cottonwood, 12 ins. diam. bears N. 28° E 60 lks dist., marked W. T. P. L 2 B. T.

Thence we run

N. 29° 30' W. 25: 31 chs. At 9. 15 chs. Creek 50 lks. wide, 10 ins. deep, in Diamond Cotton course S. 20° W.; ascend. At 10. 00 chs. Road bears with creek. At 25: 31 chs. Set a sandstone, 24 x 10 x 8 ins., 18 ins. in the ground, for angle cor no 3, marked W. T. P. L 3 on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence we run

N. 60° 30' E. 3: 06 chs. Set a sandstone, 22 x 12 x 5 ins., 16 ins. in the ground, for 1 mile cor., marked W. T. P. 1 M. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable

Land mountainous.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak and sage brush
Good grass for grazing.

Mountainous land, or land covered with dense undergrowth. 80. 00 chs.

Thence

Over mountainous through dense undergrowth.

N. 16° 30' E. 5: 63 chs. At 12. 09 chs Pole fence, bears N. and S. At 13. 34 chs Pole fence, bears E and W.

At 20. 00 chs. Top of ridge, bears

N. and S.; descend. At 30.79 chs. Wagon road in Wauhodes Canon, bears N. and S.

At 31.75 chs. Creek, 15 lks. wide, 6 ins. deep, in Wauhodes Canon, course S.; ascend. At 32.70 chs. water ditch, 5 lks. wide, course S. At 40.00 chs. Set a sandstone, 16 x 14 x 6 ins., 11 ins. in the ground, for 1/4 mile cor., marked 1/4 M. W. T. P. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

At 56.03 chs. Set a sandstone, 20 x 12 x 8 ins., 15 ins. in the ground, for angle cor. No. 4, marked ∠ 4 W. T. P. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Thence—

S. 29° 30' E., 5.05 chs. Set a sandstone, 24 x 12 x 6 ins., 18 ins. in the ground, for angle cor. No. 5, marked ∠ 5 W. T. P. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Thence—

South 18.92 chs. At 11.84 chs. Wire fence, bears N. 60° E. and S. 55° W. Enter heavy timber. At 13.34 chs. Diamond Creek, 15 lks. wide, 1 ft. deep, course S. 55° W.; At 15.48 chs. Leave timber and enter cultivated land, bears N. 70° E. and S. 70° W. At 17.53 chs. wire fence, bears N. 60° E. and S. 60° W. Leave field. Ascend. At 17.73 chs. Wagon road in Diamond Fork, bears N. 60° E. and S. 60° W. At 18.92 chs. Set a sandstone

16x10x6 ins., 11 ins. in the ground, for 2 mile cor., marked 2 M W.F.P. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, mountainous.
Soil, black loam and gravelly loam; 1st and 2nd rate.
Timber, cottonwood.
Undergrowth, oak and sage brush.
Good grass for grazing.
Mountainous or heavily timbered land, or land covered with dense undergrowth; 80.00 chs.
July 27, 1899: At the noon hour the sky is overcast and solar observa. are impossible.

Thence
Over mountainous land, through dense undergrowth; ascend.
South 4.35 chs. At 1.81 chs. W. Franklin Pace's house and corrals bear W. about 1000 chs. dist., At 4.35 chs. The beginning cor. of W. Franklin Pace's private land claim.
Land, mountainous.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, sage.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 4.35 chs.
July 27, 1899.

General Description
W. Franklin Pace's private land claim is located in sec. 36, T. 8 S., R. 4 E. and lies mostly in the bottom of Diamond

Fork of Spanish Fork Canon.
The claimants house, corrals etc. are located near the S. E. cor. of claim. About fifteen acres of the claim is highly cultivated as farm and garden, and is irrigated from Diamond and Waunhodes creeks. The soil along the bottom of the canon is generally black loam, 1st rate. Total area of claim 143 62 Acres

~~Scott P. Steward~~
John R. Steward
U.S. Deputy Surveyors

Latitudes, departures, and closing errors.

Course	Distance	Latitudes		Departures	
		N.	S.	E.	W.
	Chs.	Chs.	Chs.	Chs.	Chs.
S. 60° 30' W.	49.63		24.44		43.20
N. 29° 30' W.	25.31	22.03			12.46
N. 60° 30' E.	61.09	30.08		53.17	
S. 29° 30' W.	5.05		1.40	2.49	
South			23.27		
Totals		52.11	52.11	55.66	55.66

BLANK

PAGE

Boundary of O. L. C. T. 8 S. R. 4 E.—

Boundaries of Edwin M. Whiting's private land claim.

Edwin M. Whiting having duly presented his claim and proofs of 20 years adverse possession of a tract of land in sec. 7, T. 8 S. R. 4 E., we proceed in accordance with special instructions to establish the boundary as follows:

At a point 5.72 chs. N. of the cor. of secs. 12 and 13 heretofore described on E. bdy. of T. 8 S. R. 3 E. Set a quartzite stone, 16 x 9 x 7 ins., 10 ins. in the ground for beginning cor. on Edwin M. Whiting's private land claim, marked Beg. Cor. 1, E. M. W. on S. E. face, and raise a mound of stone 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Feb. 21, 1901: At 8 h. 0 m. a. m., l. m. t., we set off 40° 58' N. on the lat. arc; 10° 35' S. on the decl. arc. and determine a true meridian with the solar at the above described cor.

Thence we run

Over mountainous land through dense undergrowth; accend.

East 60.00 chs. At 40.00 chs. set a quartzite stone 18 x 9 x 6 ins. 12 ins. in the ground for ¼ mile cor. marked ¼ M; E. M. W. on S. face, and raise a mound of stone 2 ft. base, 1½ ft. high S. of cor. Pits impracticable. At 60.00 chs. set a sandstone, 16 x 8 x 8 ins. 10 ins. in the ground, for angle cor. No. 2, marked ∠ 2 E. M. W. on S. face, and raise a mound of stone 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. From this cor. claimant's house bears S. 50° W. about 3.50 chs. dist.

Thence

North 10.00 chs. set a quartzite stone 15 x 10 x 6 ins. 10 ins. in the ground, for angle cor. No. 3, marked ∠ 3 E. M. W. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence descend.

East 10.00 chs. set a quartzite stone, 18 x 9 x 5 ins., 12 ins. in the ground, for one mile cor. marked 1 M., E. M. W. on W. face; and raise a mound of stone, 2 ft. base 1½ ft. high, S. of cor. Pits impracticable.

Land, mountainous.

Soil gravelly, 3rd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

Feb. 21, 1901: At the noon hour the sky is overcast and solar observations are impossible.

Thence over mountainous land through dense undergrowth, descend.

East 10.00 chs. At 2.50 chs. road bears N. E. and S. W. At 8.25 chs. creek, 10 lks. wide, 10 ins. deep, rapid current, in bottom of Maple Cañon, 100 ft. below ∠ cor. No. 3, course S. W.; ascend. At 10.00 chs. set a quartzite stone, 15 x 9 x 3 ins., 10 ins. in the ground for angle cor. No. 4, marked ∠ 4 E. M. W. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Thence ascend.

South 20.00 chs. set a quartzite stone, 14 x 10 x 8 ins., 9 ins. in the ground, for angle cor. No. 5, marked ∠ 5 E. M. W. on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable.

Thence descend.

West 20.00 chs. At 10.00 chs. set a sandstone, 18 x 9 x 5 ins., 12 ins. in the ground for 1½ mile cor. marked ½ M., E. M. W. on N. face; and raise a mound of stone, 2 ft. base 1½ ft. high, N. of cor. Pits impracticable.

At 20.00 chs. set a quartzite stone 16x10x6 ins., 10 ins. in the ground, for angle cor. No. 6, marked ∠ 6 E. M. W. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

Thence ascend.

South 10.00 chs. At 10.00 chs. set a quartzite stone, 18x10x5 ins., 12 ins. in the ground, for angle cor. No. 7, marked ∠ 7 E. M. W. on N. W. face; and raise a mound of stone, 2 ft. base 1½ ft. high N. W. of cor. Pits impracticable.

Thence descend.

West 20.00 chs. At 10.00 chs. bottom of hollow, 130 ft. below angle cor. No. 7, course N. 15° W.; ascend. At 20.00 chs. set a quartzite stone, 20x6x6 ins., 15 ins. in the ground, for two mile cor. marked 2 M. E. M. W. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

Land, mountainous.
Soil, gravelly; 3rd rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

Thence over mountainous land; through dense undergrowth; ascend.

West 40.00 chs. At 3.00 chs. top of ridge 150 ft. above hollow, bears N. 5° W. and S. 5° E.; descend. At 29.50 chs. bottom of hollow, 250 ft. below ridge, course N.; ascend. At 32.25 chs. top of ridge, 50 ft. above hollow, bears N. 5° E. and S. 5° W. descend.

At 40.00 chs. Intersect W. bdy. of Tp. at point 14.28 chs. S. of cor. of sec. 12, and 13. T 8 S R 3 E. Set a quartzite stone, 18x8x8 ins, 12 ins. in the ground, for closing cor.

2½ mile cor. and angle cor. No. 8, marked P. C. on S. and 2½ M. L. 8 on N. E. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. E. of cor. Pits impracticable.

Thence

North 20.00 chs. At 13.80 chs. creek, 5 lks. wide, 6 ins. deep rapid current, in Maple Canon, 100 ft. below 2½ mile cor. course, S. 80° W.; ascend At 14.10 chs. road bears N. 80° E. and S. 80° W. At 14.28 chs. The cor. of secs. 12 and 13, T. 8 S. R. 4 E. At 20.00 chs. The beginning cor. on Edwin M. Whitings private land claim.

Land, mountainous.

Soil gravelly; 3rd rate.

No timber

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth 60.00 chs.

February 21, 1901.

Latitudes departures and closing errors.

Course	Dist.	Latitudes.		Departures.	
	Chs.	N. - chs	S. - chs.	E. - chs.	W. - chs.
East.	60.00			60.00	
North	10.00	10.00			
East	20.00			20.00	
South	20.00		20.00		
West	20.00				20.00
South	10.00		10.00		
West	60.00				60.00
North	20.00	20.00			
Totals.		30.00	30.00	80.00	80.00

41 60°

General Description.

Edwin M. Whitings private land claim is located in Maple Canon, in sec. 7, T. 8 S. R. 4 E. About 3.00 acres of the claim is cultivated and is irrig ed from Maple Creek. The remainder of claim is used a pasture, about 40 acres being under fence. Claimants house and the cultivated land are near the central part of claim. Value of imp is about $350. Total area of claim is 160.00 acres.

Scott R. Stewart.

John R. Stewart

U. S. Deputy Surveyors

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by .....

....., United States Deputy Surveyor, to assist in running, measuring, and
king the lines and corners described in the foregoing field notes of the survey of .....

.....

g the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

....., United States Deputy Surveyor, in surveying all
e parts or portions of the .....

.....

.....

..... of the .....

..... meridian, ... of ....., which are represented
he foregoing field notes as having been surveyed by him and under his direction; and that said survey
been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
ner monuments established, according to the instructions furnished by the United States Surveyor
neral for .....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

bscribed and sworn to before me this .....
day of ....., 189

SEAL

.....

-181

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ..., United States Deputy Surveyo solemnly swear that, in pursuance of a contract received from ..... United States Surveyor General for ....., bearing date ..... day of ....., 189 , I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Sur General for ....., the Manual of Surveying Instructions, and the laws o United States, surveyed all those parts or portions of ..... of the ..... meridian, in the ..... of ....., which are represented i foregoing field notes as having been surveyed by me, and under my direction; and I do further sole swear that all the corners of said survey have been established and perpetuated in strict accordance the Manual of Surveying Instructions, and the special written instructions of the United States Sur General for ..... and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey; and should any fraud be detected, I will the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

In final [illegible] [illegible] [illegible] [illegible]

.....
United States Deputy Surv

Subscribed by said ....., and sworn to before me this ..... day of ....., 189

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, March 31, 190

The foregoing field notes of the survey of the subdivisions & Pinch Land Claims in 8 South Range 4 East of the Salt Lake Base & Meridian Utah

executed by Scott P. Stewart & John R. Stewart under ~~his~~ their contract No. 226, dated January 26, 1899, having critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Edward H. Anderson
United States Surveyor Gen

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

.....
United States Surveyor Gene

BLANK

PAGE

BLANK

PAGE

4—679.

F.

BOOK A-277

FIELD NOTES

OF THE SURVEY OF THE

First Guide Meridian East,

Through,

Township 7 South, Ranges 4 and 5 East,

Of the Salt Lake Base and Meridian,

In the State of Utah.

AS SURVEYED BY

Scott P. Stewart & John R. Stewart, United States Deputy Surveyors,

under ~~his~~ their Contract No. 226, dated January 26th, 1899

Survey commenced October 11, 1899.

Survey completed October 13, 1899.

6—151

G. M. — Lights

M. [illegible]

6-00-00

NAMES AND DUTIES OF ASSISTANTS.

William Huff Chainman

Joseph B. Peterson, Chainman.

George A. Beesley, Moundman and Ch

Vosco Call, Moundman and Ch

Hugh Conover, Axman

Andy J. Stewart, Flagman.

For preliminary affidavit see book D, Tp 8 S R 4 E

6—151

BOOK A-277

INDEX DIAGRAM.

Township....., *Range*.....

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

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same;
we will report the true distances to all notable objects, and the true lengths of all lines that we assi
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the surv
_____

_____, *Chainm*

_____, *Chainm*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

We, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establishm
of corners, according to the instructions given us, to the best of our skill and ability, in the surv
_____

_____, *Moundm*

_____, *Moundm*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

We, _____ and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of co
and other duties, according to instructions given us, to the best of our skill and ability, in the surve
_____

_____, *Axm*

_____, *Axm*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

I, _____, do solemnly swear that I will well and t
perform the duties of flagman according to instructions given me, to the best of my skill and ability, in
survey of _____

_____, *Flagm*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

Guide Meridian East, through Tps. 7 S., between Rs. 4 and

Chains

Survey commenced October 11, 1899, and executed with a W. and L. E. Gurley light mountain transit, No. —, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Salt Lake City, found correct, and was approved by the surveyor general for Utah, on May 4, 1899.

We examine the adjustments of the instruments and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications resulting from solar observations made during p. m. and a. m. hours, with a true meridian determined by observation on Polaris; we proceed as follows:

At the cor. of Tps. 7 and 8 S., Rs. 4 and 5 E., heretofore described, latitude 40° 09' N., longitude 111° 27' W., we set off 40° 09' N., on the lat. arc; 7° 11' 00" S., on the decl. arc; and at 3h 55m p. m., l. m. t., determine with the solar a true meridian and mark a point thereof on a stone firmly set in the ground, 5.00 chs. N. of the cor.

At 6h 06 p. m., l. m. t., we observe Polaris at eastern elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined on a plug driven in the ground

Chains 5.00 chs. N. of our station.
October 11, 1899.

October 12, 1899: At 6h 58m a.m., l.m.t., we lay off the azimuth of Polaris 1° 36.5' to the west and mark the True Meridian thus determined, by cutting a small groove in the stone set October 11, on which the true meridian falls 0.3 ins. east of the mark determined by the solar. At 7h 30m a.m., l.m.t., we set off 40° 09' N., on the lat. arc; 7° 25½' S., on the decl. arc; and mark a point in the true meridian determined with the solar, by a cross on the stone already set 5.00 chs. N. of the cor; this mark falls 0.4 ins. east of the true meridian established by Polaris observation.

The solar apparatus by p.m. and a.m. observations, defines positions for true meridians, respectively about 0' 16" west, and 0' 21" east, of the true meridian established by Polaris observation, therefore we conclude that the adjustments of the instrument are satisfactory. The magnetic bearing of the true meridian at 8h 0m a.m. is N. 16° 27' W., the angle thus determined reduced by the table page 100 of the Manual, gives the mean mag. decl. 16° 24' E.

From the cor. of Tps. 7 and 8 S., Rs. 4 and 5 E., heretofore described, We run

Chains North, bet. secs. 31 and 36.
Over mountainous land, through dense undergrowth; descend.
7.50 Bottom of hollow; 100 ft. below cor., course N. 80° W.; ascend.
Difference between measurements of 40.00 chs; by two sets of chainmen is 14 lks.; position of middle point
By 1st. set 39.93 chs.
By 2nd set 40.07 chs. the mean of which is
10.00 Set a sandstone, 20 x 12 x 4 ins; 15 ins. in the ground, for ¼ sec. cor; marked ¼ on W. face; and raise a mound of stone 2 ft base, 1½ ft. high, W. of cor. Pits impracticable.
77.00 Top of ridge, 200 ft. above hollow, bears N. 30° W. and S. 30° E.; descend.
Difference between measurements of 8.00 chs., by two sets of chainmen is 20 lks; position of middle point
By 1st set 77.90 chs.
By 2nd set 80.10 chs.; the mean of which is
80.00 Set a white limestone, 20 x 10 x 8 ins; 15 ins., in the ground, for cor. of secs. 25, 30, 31, and 36, marked with 5 notches on N. and 1 notch on S. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
Land, mountainous.
Soil, black loam and gravelly; 1st and 3rd rats.
No timber.
Undergrowth, oak, maple, choke cherry, and aspen.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 ch.

North, bet. secs. 25 and 30.
Over mountainous land, through dense undergrowth; descend.

39.00 Enter scattering maple timber, bears E. and W.

Difference between measurements of 40.00 chs., by two sets of chainmen is 4 lks.; position of middle point
By 1st set 39.98 chs.
By 2nd set 40.02 chs.; the mean of which is

40.00 Set a white limestone, 16x10x4 ins., 11 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; from which
A maple, 7 ins. diam., bears S. 46° E. 16 lks. dist., marked ¼ S. 30, B. T.
An oak, 4 ins. diam., bears N. 28° W. 53 lks. dist., marked ¼ S. 25, B. T.

41.00 Leave timber, bears E. and W.

53.90 Creek, 4 lks. wide, 2 ins., deep, rocky bottom, in bottom of canon, 300 ft. below sec. cor., course N. 40° W.; ascend.

56.50 Top of spur, 40 ft. above canon, bears N. W. and S. E.; descend

59.85 Bottom of hollow, 30 ft. below spur, course W.; ascend.

74.00 Top of ridge, 200 ft. above hollow, bears N. E. and S. 30° W.; descend.

Difference between measurements of 80.00 chs., by two sets of chainmen is 6 lks.; position of middle point
By 1st set 79.97 chs.
By 2nd set 80.03 chs., the mean of which is

80.00 Set a quartzite stone, 14x10x7 ins., 9 ins. in the ground, for cor. of secs. 19, 24, 25, and 30, marked with 4 notches on N. and 2 notches on S. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Chains	
	Land, mountainous. Soil, gravelly; 2nd rate. Timber, scattering maple. Undergrowth, oak, maple, aspen and chokecherry. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs. October 12, 1899: At the noon hour the sky is overcast and solar observations are impossible.
	North, bet. secs. 19 and 24. Over mountainous land, through scattering undergrowth; descend. Difference between measurements of 4000 chs., by two sets of chainmen is 12 lks.; position of middle point By 1st set 39.94 chs. By 2nd set 40.06 chs.; the mean of which is
40.00	Set a sandstone, 16 x 11 x 6 ins., 11 ins. in the ground, for ± sec. cor., marked + on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
50.32	Wagon road in right hand fork of Hobble Creek Canon, bears N. 80° E. and S. 80° W.
51.20	Creek, 20 lks. wide, 1 ft. deep, rocky bottom, rapid current, in right hand fork of Hobble Creek Canon, 300 ft. below sec. cor., course S. 80° W., ascend.
75.00	Top of spur, 400 ft. above canon, bears E. and W.; descend.
79.25	Bottom of hollow, 100 ft. below spur, course S. 80° E.; ascend. Difference between measurements

Chains	
	of 80.00 chs., by two sets of chainmen is 18 lks., position of middle point
	By 1st set 79.91 chs.
	By 2nd set 80.09 chs.; the mean of which is
80.00	Set a quartzite stone, 14 x 10 x 6 ins., 9 ins. in the ground, for cor. of secs. 13, 18, 19, and 24, marked 3 notches on N. and 3 notches on S. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly; 2nd rate.
	No timber.
	Undergrowth, oak, maple, and sage.
	Good grass for grazing.
	Mountainous land, 80.00 chs.
	October 12, 1899.
	October 13, 1899: At 8h 30m a. m., l. m. t., we set off 40° 12' N., on the lat. arc; 7° 49' S., on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 13, 18, 19, and 24.
	Thence we run
	North, bet. secs. 13 and 18.
	Over mountainous land, through dense undergrowth; ascend.
5.00	Top of ridge; 100 ft. above cor., bears E. and W.; descend.
15.00	Bottom of hollow, 200 ft. below ridge, course S. 35° E.; ascend.
	Difference bet. measurements of 40.00 chs., by two sets of chainmen is 8 lks.; position of middle point
	By 1st set 39.96 chs.
	By 2nd set 40.04 chs.; the mean of which is
40.00	Set a sandstone, 14 x 8 x 6 ins., 9 ins. in the ground, for ¼ sec. cor., marked

Chains

* on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

79.50 Top of divide ridge bet. the right hand fork of Hobble Creek Canon, and Granges Canon, 300 ft. above hollow, bears N. 30° E. and S. 30° W.; descend.

Difference bet. measurements of 80.00 chs., by two sets of chainmen is 10 lks.; position of middle point,

By 1st set 79.95 chs.

By 2nd set 80.05 chs.; the mean of which is

80.00 Set a sandstone, 22 x 12 x 8 ins., 16 ins. in the ground, for cor. of secs. 7, 12, 13, and 18; marked with 2 notches on N. and 4 notches on S. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, mountainous.

Soil, gravelly; 3rd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

October 13, 1899: At the noon hour the sky is overcast and solar observations are impossible.

North, bet. secs. 7 and 12.

Over mountainous land, through dense undergrowth; descend.

Difference between measurements of 40.00 chs., by two sets of chainmen is 2 lks.; position of middle point

By 1st set 39.99 chs.

By 2nd set 40.01 chs.; the mean of which is

40.00 Set a sandstone, 18 x 10 x 5 ins., 12 ins. in

Chains	
	the ground, for ± sec. cor., marked ± on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
59.50	Bottom of hollow, 300 ft. below sec. cor., course S. 80° W.; ascend.
65.00	Top of spur, 100 ft. above hollow, bears N. 80° E. and S. 80° W.; descend.
71.75	Bottom of hollow, 30 ft. below spur, course S. 70° W.; ascend.
79.50	Top of spur, 40 ft. above hollow, bears N. 70° E. and S. 70° W.; descend.
	Difference between measurements of 80.00 chs., by two sets of chainmen is 6 lks.; position of middle point
	By 1st set 79.97 chs.
	By 2nd set 80.03 chs.; the mean of which is
80.00	Set a sandstone, 16 × 10 × 6 ins., 11 ins. in the ground, for cor. of secs. 1, 6, 7, and 12, marked with 1 notch on N. and 5 notches on S. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly loam; 2nd rate.
	No timber.
	Undergrowth, oak, maple, and service-berry.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.
	North, bet. secs. 1 and 6.
	Over mountainous land, through scattering undergrowth; descend.
10.20	Bottom of hollow, 50 ft. below sec. cor., course S. 40° W.; ascend.
16.00	Top of ridge, 30 ft. above hollow, bears N. 35° E. and S. 35° W.; descend.

Chains	
20.00	Bottom of hollow, 40 ft. below ridge, course S. 50° W.; ascend.
31.50	Top of ridge, 50 ft. above hollow, bears N. 50° E. and S. 50° W.; descend.
	Difference between measurements of 4000 chs. by two sets of chainmen is 8 lks.; position of middle point
	By 1st set 39.96 chs.
	By 2nd set 40.04 chs.; the mean of which is
40.00	Set a sandstone, 16x8x7 ins., 11 ins. in the ground, for ± sec. cor., marked ± on W. face; from which
	A maple, 3 ins. diam., bears S. 35° E., 70 lks. dist., marked ± S. 6, B. T.
	A maple, 3 ins. diam., bears N. 85° W. 13 lks. dist., marked ± S. 1, B. T.
40.30	Drag road, bears N. 85° E. and S. 85° W., in bottom of Granges Canon, 200 ft. below ridge, course S. 85° W.; ascend.
49.30	Top of ridge, 200 ft. above canon, bears N. 60° E. and S. 60° W.; descend.
70.00	Bottom of swale, 40 ft. below ridge, course S. W.; ascend.
74.25	Top of divide ridge, bet. Granges Canon and the left hand fork of Hobble Creek Canon, 50 ft. above swale, bears N. 80° E. and S. 80° W.; descend.
	Difference between measurements of 80.00 chs., by two sets of chainmen is 12 lks.; position of middle point
	By 1st set 79.94 chs.
	By 2nd set 80.06 chs.; the mean of which is
80.00	Set temp. cor. of Tps. 6 and 7 S., Rs. 4 and 5 E.

For description of permanent cor. see notes of N. bdy. of T. 7 S., R. 4 E.

Land, mountainous.

Soil, gravelly loam; 2nd rate.

1st Guide Meridian East, through Tps. 7 S., etc.—

Chains	
	No timber.
	Undergrowth, oak, maple, and service-berry.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.

October 13, 1899

General Description.

Townships 7 S., Rs. 4 and 5 East are mountainous; containing some excellent grazing land and some good farming land along Hobble Creek Canon.

Scott P. Stewart
John R. Stewart
U. S. Deputy Surveyors

BLANK

PAGE

BLANK

PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

_____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

_____

_____

showing the respective capacities in which they acted:

_____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

_____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

_____

_____

_____

_____ of the _____

_____ meridian, _____ of _____, which are represented on the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

_____

_____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

_____

Subscribed and sworn to before me this _____ day of _____, 189

_____

SEAL

_____

6—151

pages 192 and 193 are blank.

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ..., United States Deputy Survey solemnly swear that, in pursuance of a contract received from ..... United States Surveyor General for ....., bearing date ..... day of ....., 189 , I have well, faithfully, and truly, in m proper person, and in strict conformity with the instructions furnished by the United States Sur General for ....., the Manual of Surveying Instructions, and the laws United States, surveyed all those parts or portions of .....

.....

.....

.....

..... of the .....

..... meridian, in the ..... of ....., which are represented foregoing field notes as having been surveyed by me, and under my direction; and I do further sol swear that all the corners of said survey have been established and perpetuated in strict accordan the Manual of Surveying Instructions, and the special written instructions of the United States Su General for ..... and in the specific manner described in the field notes, a the foregoing are the original field notes of such survey; and should any fraud be detected, I will the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Insert Appendix I to Cont. I. Ff. 6 Rule

.....

United States Deputy Su

Subscribed by said ....., and sworn to before me this ..... day of ....., 189

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, March 31, 1902

The foregoing field notes of the survey of the 1st Guide Meridian East East Boundary of Township 8 South Range 4 East of the Salt Lake Base & Meridian, Utah

executed by Scott P. Stewart & John R. Stewart under ~~his~~ their contract No. 226, dated January 26, 1899, havi critically examined, and the necessary corrections and explanations made, the said field notes, surveys they describe, are hereby approved.

Edward H. Anderson

United States Surveyor

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 o

.....

United States Surveyor

6—151

BLANK

PAGE

BLANK

PAGE

4—679.

G.

BOOK A-277

FIELD NOTES

OF THE SURVEY OF THE

North Boundary

of

Township No. 7 South Range No. 4 East

Of the Salt Lake Base and Meridian,

In the State of Utah.

AS SURVEYED BY

[illegible] Stewart and John W. Stewart, United States Deputy Surveyor,

[illegible]der ~~his~~ their Contract No. 26, dated January 26th, 1899.

[illegible]rvey commenced October 16th, 1899.

[illegible]rvey completed October 17th, 1899.

4—151

		m.	ch.	lk.
N. Bdry.	high	5	70	13
do.	low		32	87
Closing			36	44

BOOK A-277

NAMES AND DUTIES OF ASSISTANTS.

William Huff, Chainman.

Joseph B. Peterson, Chainman.

George A. Beesley, Moundman.

Vosco Call, Axman.

Hugh Conover, Axman.

Andy J. Stewart, Flagman.

For preliminary affidavits see book "A" Fp 85 R3E

6—151

Volume

#

R0277

BOOK A-277

INDEX DIAGRAM.

Township....., *Range*.....

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

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, ...and .....
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level t
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; th
we will report the true distances to all notable objects, and the true lengths of all lines that we assist
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey

..... , *Chainma*

..... ; *Chainma*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

WE, ...and .....
do solemnly swear that we will well and truly perform the duties of moundmen in the establishme
of corners, according to the instructions given us, to the best of our skill and ability, in the survey

..... *Moundma*

..... *Moundma*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

WE, ... and .....
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corn
and other duties, according to instructions given us, to the best of our skill and ability, in the survey

..... , *Axma*

..... *Axma*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

I, ..., do solemnly swear that I will well and tru
perform the duties of flagman according to instructions given me, to the best of my skill and ability, in t
survey of .....

....., *Flagm*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

6—151

North boundary of T. 7 S., R. 4 E.

Chains	
	October 16, 1899: At 8h 0m a. m., l. m. t., we set off 40° 15' N., on the lat. arc; 8° 55' E., on the decl. arc; and determine a true meridian, with the solar, at the cor. of Tps. 6 and 7 S., Rs. 3 and 4 E., which is a limestone, 6 x 12 x 9 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general.
	Note: For complete test of instrument see notes of 1st Guide Meridian East, through Tps. 7 S., between Rs. 4 and 5 E. Book 4.
	Thence we run
	East, on a random line, along N. bdy. of Tp., setting temp. ¼ sec. and sec. cors. at intervals of 40.00 chs., and at 50 3.00 chs. intersect E. bdy. of Tp. at the temp. cor. of Tps. 6 and 7 S., Rs. 4 and 5 E. Set a limestone, 24 x 14 x 9 ins., 18 ins. in the ground, for cor. of Tps. 6 and 7 S., R. 4 and 5 E., marked 6 S. on N. E., 5 E. on S. E., 7 S. on S. W., and 4 E. on N. W. faces; with 6 notches on each edge; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.
	October 16 1899: At the noon hour the sky is overcast and solar observations are impossible.
	Thence we run
	West, on a true line, along N. bdy. of Tp., bet. secs. 1 and 36.
	Over mountainous land; through dense undergrowth; descend.
4.00	Bottom of swale, 60 ft. below Tp. cor.; course N. W.; ascend.
10.80	Top of spur, 50 ft. above swale, bears N. W. and S. E.; descend.
20.00	Foot of descent, bears N. and S.; thence across flat; enter cultivated land claimed by Francelia Gamiell.

Chains	
35.00	Leave cultivated land and enter d... aspen saplings, bears N. and S.
36.50	Wash, 10 lks. wide; course N.
40.00	Set a sandstone, 18 x 10 x 5 ins., 12 ins. ... the ground, for ± sec. cor., marked ± on N. face; from which An aspen, 6 ins. diam., bears N. 70° E., 18 lks. dist., marked ± S. 36, B. T. An aspen, 4 ins. diam., bears S. 60° W., 8 lks. dist., marked ± S. 1, B. T.
40.80	Leave flat and aspen saplings, and enter dense oak, sage, and maple undergrowth, bears N. 20° E. and S. 20° W., ascend.
65.00	Top of ridge, 150 ft. above flat, bears N. and S.; descend.
80.00	Set a sandstone, 16 x 9 x 6 ins., 11 ins. in the ground, for cor. of secs. 1, 2, 35, and 36, marked with 1 notch on E. and 5 notches on W. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

65/15

Land, mountainous and level.
Soil, black loam and gravelly; 1st and 3rd rate.
No timber.
Undergrowth, aspen, oak, sage, and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 65.00 chs.

October 16 1899.

October 17, 1899; At 8h 30m a. m., l. m. t., we set off 40° 15' N., on the lat. arc; 9° 18' S., on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 1, 2, 35, and 36.
Thence we run

Chains	
	West, on a true line bet. secs. 2 and 35. Over mountainous land, through dense undergrowth; descend.
6.93	Intersect boundary of Mary E. Whiting's P. S. C., 4.01 chs. S. from angle cor. No. 4. Set a quartzite stone, 16 x 10 x 6 ins., 11 ins. in the ground, for closing cor. of secs. 2 and 35, marked C.C. on E., and M.E.W. on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
17.85	Bottom of hollow, 200 ft. below sec. cor., course N.W.; ascend.
21.00	Top of ridge, 30 ft. above hollow, bears N.W. and S.E.; descend.
25.00	Bottom of hollow, 50 ft. below ridge, course N.W.; ascend.
27.50	Top of ridge, 20 ft. above hollow, bears N.W. and S.E.; descend.
29.00	Irrigating ditch, 3 lks. wide, course S.W.
39.30	Road in cañon, bears N.E. and S.W.; enter scattering cottonwood timber, bears with road.
40.00	Set a cobblestone 16 x 12 x 6 ins., 11 ins. in the ground, for ± sec. cor., marked ± on N. face; from which A cottonwood, 6 ins. diam., bears N. 70° W., 60 lks. dist., marked ± S. 35, B.T. A cottonwood, 6 ins. diam., bears S. 57° W., 48 lks. dist., marked ± S. 2, B.T.
40.10	Hobble Creek, 30 lks. wide, 6 ins. deep, rocky bottom, rapid current, in Hobble Creek Cañon, 300 ft. below ridge, course S.W.; ascend.
42.00	Leave timber, bears N.E. and S.W.
49.00	Top of ascent, bears N.E. and S.W.; thence across bench.
51.13	Fence, bears N.E. and S.W.; leave undergrowth and enter cultivated land.
66.70	Road, bears N.E. and S.

Chains	
66.55	Intersect boundary of Mary E. Whiting's P. S. C., 0.87 chs. N. 19°30' E. from ¼ mile cor.; and 13.00 chs. S. 19°30' W. from beginning cor. on John C. Whiting's P. S. C. Set a hard sandstone, 18 x 10 x 7 ins., 12 ins. in the ground, for closing cor. of secs. 2 and 35, marked c. c. M. E. W. on E., and J. C. W. on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high E. of cor. Pits impracticable.
69.10	Water ditch, 3 lks. wide, course S. 80° W.
79.00	Leave cultivated land, and enter dense undergrowth, bears N. and S.
80.00	Set a sandstone, 14 x 12 x 6 ins., 9 ins. in the ground, for cor. of secs. 2, 3, 34, and 35, marked with 2 notches on E. and 4 notches on W. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous and level.
	Soil, black loam and gravelly; 1st and 3rd rate.
	Timber, scattering cottonwood.
	Undergrowth, oak and sage.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 62.13 chs.

	West, on a true line bet. secs. 3 and 34. Overland bench; through dense undergrowth.
3.00	Leave bench, bears N. and S.; descend.
6.25	Bottom of Berry Port Cañon, 100 ft. bench, course S. ; ascend.
7.40	Fence, bears N. and S.
7.60	Road in cañon, bears N. and S.
17.00	Top of ascent, bears N. and S.; thence across bench.

Chains	
22.62	Intersect boundary of John C. Whiting's P.S.C., 14.53 chs. S. of 1/4 mile cor.; and 18.56 chs. S. of beginning cor. on Moroni Miner's P.S.C. Set a quartzite stone, 22x12x10 ins., 16 ins. in the ground, for closing cor. of secs. 3 and 34, marked C.C. J.C.W. on E., and M.M. on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
30.00	Leave bench, bears N. 50° W. and S. 50° E.; descend.
40.00	Set a quartzite stone, 18x8x6 ins., 12 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; from which A lone cottonwood, 6 ins. diam., bears S. 85° W., 65 lks. dist., marked ¼ S. 3, B.T.; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. From this cor. Moroni Miner's House bears S. 80° W. about 150 lks. dist.
42.00	Bottom of Dry Canon, 100 ft. below bench, course S. E.
45.50	Road in canon, bears N. W. and S. E.
51.25	Water ditch, 3 lks. wide, course S. E.; ascend mountain.
63.00	Top of ascent - enter flat -, bears N. W. and S. E.
75.00	Intersect boundary of Moroni Miner's P.S.C., at angle cor. No. 6, heretofore described; we mark it C.C. M.M. on E. face, for closing cor. of secs. 3 and 34. Thence along claim boundary.
80.00	To angle cor. No. 5 on Moroni Miner's P.S.C.; which is angle cor. No. 12 on Alfred Voyce's P.S.C., heretofore described, we mark it C.C. M.M. on E., and A.V. on S. face; with 3 notches on E., and

Chains	
	W. edges; for cor. of secs. 3, 4, 33, and 34.
	Land, mountainous and level.
	Soil, black and gravelly loam; 1st and 2nd rate.
	No timber.
	Undergrowth, oak and sage.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.
	October 17, 1899: At this cor. we set off 9° 25' S., on the decl. arc; and at 0h 4m p. m., l. m. t., observe the sun on the meridian the resulting lat. is 40° 15' N.
	West, on a true line bet. secs. 4 and 33.
	Over level bench; through dense undergrowth.
3.00	Edge of bench, bears N. and S.; descend.
7.50	Hollow, 20 ft. below bench, course S. E.; ascend.
28.00	Top of ridge, 200 ft. above hollow, bears N. W. and S. E.; descend.
40.00	Set a sandstone, 15 x 10 x 8 ins., 10 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; from which An oak, 4 ins. diam., bears N. 34° W., 75 lks. dist., marked ¼ S. 33, B. T. An oak, 4 ins. diam., bears S. 30° E., 40 lks. dist., marked ¼ S. 4, B. T.
44.50	Bottom of swale, 80 ft. below ridge, course S.; ascend.
49.00	Top of spur, 60 ft. above swale, bears N. 20° W. and S. 20° E.; descend.
56.75	Bottom of hollow 60 ft. below spur, course S. 20° E.; ascend.
80.00	Set a quartzite stone, 20 x 12 x 6 ins., 15 ins. in the ground, for cor. of secs. 4, 5, 32, and 33, marked with

chains	4 notches on E. and 2 notches on W. edges; and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly loam; 2nd rate.
	No timber.
	Undergrowth, oak and maple.
	Good grass for grazing.
	Mountainous land, for land covered with dense undergrowth 8000 chs.
	West, on a true line bet. secs. 5 and 32.
	Over mountainous land; through dense undergrowth; ascend.
1.00	Top of ridge, 10 ft. above cor., bears N. 20° W. and S. 20° E.; descend.
19.50	Creek, 3 lks. wide, 3 ins. deep, in branch of Bartholamew's Canon, 60 ft. below ridge, course S. E.; ascend.
20.00	Catherine Dougall's house bears N. 1.00 ch. dist.
35.50	Top of sharp ridge, 120 ft. above canon, bears N. 60° W. and S. 60° E.; descend.
37.75	Swale, 20 ft. below ridge, course S. 60° E.; ascend.
40.00	Set a quartzite stone, 14 x 10 x 8 ins., 9 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; from which
	A aspen, 5 ins. diam., bears N. 20° W., 17 lks. dist., marked ¼ S. 32, B. T.
	A aspen, 4 ins. diam., bears S. 30° E., 18 lks. dist., marked ¼ S. 5, B. T.
46.00	Top of ridge, 100 ft. above swale, bears N. 60° W. and S. 60° E.; descend.
62.00	Creek, 3 lks. wide, 2 ins. deep, in bottom of Whitamore Canon, 200 ft. below ridge, course S. 60° E.; enter scattering aspen timber, bears with

Chains	
	canon; ascend.
80.00	Set a quartzite stone, 18 x 10 x 6 ins., 12 ins. in the ground, for cor. of secs. 5, 6, 31, and 32, marked with 5 notches on E. and 1 notch on W. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly loam; 2nd rate.
	Timber, aspen.
	Undergrowth, oak, maple, and aspen.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.

West, on a true line bet. secs. 6 and 31.
Over mountainous land; through dense undergrowth and scattering aspen timber; ascend.

21.00	Top of ridge, 300 ft. above sec. cor., bears N. W. and S. E.; descend.
36.50	Bottom of hollow, 250 ft. below ridge, course S. E.; ascend abruptly.
40.00	Set a quartzite stone, 16 x 10 x 10 ins., 11 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
103.00	The cor. of secs. 6 and 7 S., Rs. 3 and 4 E.
	This cor. is 600 ft. above ¼ sec. cor.
	Land, mountainous.
	Soil, gravelly loam and rocky; 2nd and 4th rate.
	Timber, scattering aspen.
	Undergrowth, oak and maple.
	Good grass for grazing.
	Mountainous land or land covered with dense

North boundary of T. 7 S., R. 4 E. — Concluded.

Chains underground, 103.00 chs.
October 17 1899.

Boundaries of T. 7 S., R. 4 E.

Latitudes, departures, and closing errors

Line designated	true bearing	Distance	Latitudes N.	Latitudes S.	Departures E.	Departures W.	
		Chs.	Chs.	Chs.	Chs.	Chs.	
S. bdy. T. 7 S., R. 4 E.	West	501.90				501.90	✓
W. bdy. T. 7 S., R. 4 E.	North	480.20	480.20				✓
N. bdy. T. 7 S., R. 4 E.	East	503.00			503.00		✓
1st Guide Meridian East	South	480.00		480.00			✓
Convergency					.64		✓
Totals			480.20	480.00	503.64	501.90	
			480 00				
Error in lat.			0.20		501.90		
Error in dep.					1.74		✓

This is rough and mountainous, but is very well adapted for grazing; and is well watered. The township should be subdivided.

Scott P. Stewart
John R. Stewart
U. S. Deputy Surveyors

October 17, 1899.

BLANK

PAGE

BLANK

PAGE

BLANK

PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by .....

....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of .....

.....

during the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

....., United States Deputy Surveyor, in surveying all the parts or portions of the .....

.....

.....

.....of the .....

..... meridian, ...of....., which are represented on the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the proper monuments established, according to the instructions furnished by the United States Surveyor General for .....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

Subscribed and sworn to before me this .....

day of ....., 189

.....

SEAL

.....

6—151

thru 2 are blank

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ..., United States Deputy Surve solemnly swear that, in pursuance of a contract received from ..... United States Surveyor General for ....., bearing date ..... day of ....., 189 I have well, faithfully, and truly, in n proper person, and in strict conformity with the instructions furnished by the United States Su General for ....., the Manual of Surveying Instructions, and the law United States, surveyed all those parts or portions of .....

.....

.....

.....

..... of the .....

..... meridian, in the ..... of ....., which are represented foregoing field notes as having been surveyed by me, and under my direction; and I do further so swear that all the corners of said survey have been established and perpetuated in strict accordan the Manual of Surveying Instructions, and the special written instructions of the United States Su General for ..... and in the specific manner described in the field notes, a the foregoing are the original field notes of such survey; and should any fraud be detected, I will the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

For final off dated see book No. 1 of 1

.....

United States Deputy Su

Subscribed by said ..... and sworn to before me this ..... day of ....., 189

SEAL

.....

.....

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Salt Lake City, Utah, March 31 1902

The foregoing field notes of the survey of the North Boundary of Tenn of South Range 4 East of the Salt Lake Base and Meridian Utah

executed by Scott P. Stewart & John R. Stewart under ~~his~~ their contract No. 226, dated January 26, 1899, havin critically examined, and the necessary corrections and explanations made, the said field notes, an surveys they describe, are hereby approved.

Edward H. Anderson

United States Surveyor Ge

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 offi

.....

United States Surveyor Ge

6--151

BLANK

PAGE

BLANK

PAGE

H.

BOOK A-277

FIELD NOTES

OF THE SURVEY OF THE

Subdivision and Private Land Claims.

of

Township No. 7 South Range No. 4 East

Of the Salt Lake Base and Meridian,

In the State of Utah.

AS SURVEYED BY

Ed P. Stewart and John R. Stewart, United States Deputy Surveyors,

under ~~his~~ their Contract No. 226, dated January 26, 1899.

Survey commenced October 19, 1899. ~~189~~

Survey completed November 7, 1899. ~~189~~

Survey of Private Land Claims commenced August 30 1899

Survey of Private Land Claims completed February 26 1901

Subs - regular 58-46-19 ✓

" lots 2-66-48 ✓ 61.32.67

Areas 3-33.57 ✓

Private Land Claims

BOOK A-277

NAMES AND DUTIES OF ASSISTANTS.

William Huff, Chainman.

Joseph B. Peterson, Chainman.

George A. Beesley, Moundman, & Chainm

Vosco Call, Moundman, & Chainman

Hugh Conover Axman.

Andy J. Stewart Flagman.

For preliminary affidavit see book "A" Tp 8 S R 3 E & book "E" Tp 8 S R 4 E

6—151

BOOK A-277

INDEX DIAGRAM.

Township....., *Range*.....

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

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we assi measuring, to the best of our skill and ability, and in accordance with instructions given us, in the surv

_____

_____, *Chain*

_____, *Chain*

Subscribed and sworn to before me this _____ day of _____, 189

SEAL

WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of moundmen in the establish of corners, according to the instructions given us, to the best of our skill and ability, in the surv

_____

_____, *Mound*

_____, *Mound*

Subscribed and sworn to before me this _____ day of _____, 189

SEAL

WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of co and other duties, according to instructions given us, to the best of our skill and ability, in the s

_____

_____, *Ax*

_____, *Ax*

Subscribed and sworn to before me this _____ day of _____, 189

SEAL

I, _____, do solemnly swear that I will well and perform the duties of flagman according to instructions given me, to the best of my skill and ability, i survey of _____

_____, *Flag*

Subscribed and sworn to before me this _____ day of _____, 189

SEAL

Subdivision of T. 7 S., R. 4 E.

Chains

Survey commenced October 19, 1899, and executed with a W. and L. E. Gurley light mountain transit No. - , with solar attachment. The horizontal limb is provided with two double verniers, placed opposite to each other, reading to single minutes of arc; which is also the least count of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Salt Lake City, found correct, and was approved by the surveyor general for Utah, May 4 1899.

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

At the cor. of secs. [illegible], 35, and 36, on S. bdy. of Tp., heretofore described, latitude 40° 09' N., longitude 111° 28' W.; we set off 40° 09' N., on the lat. arc; 10° 08' E., on the decl. arc; and at 4h 0m p. m., l. m. t., determine a true meridian with the solar, and mark a point thereon on a stone set firmly in the ground, 5.00 chs. N. of the cor.

October 19, 1899.

October 20, 1899: At 5h 23m a. m., l. m. t., we observe Polaris at western elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined, on a plug driven in the ground, 5.00 chs. N. of our station.

Chains	
	At 6h 35m a. m., l. m. t., we lay off the azimuth of Polaris, 1° 36.5 to the east, and mark the True Meridian thus determined, by cutting a small groove in the stone set October 19, on which the true meridian falls 0.35 ins. east of the mark, determined by the solar. At 8h 0m a. m., l. m. t., we set off 40° 09' N. on the lat. arc; 10° 22' S., on the decl. arc; and mark a point in the true meridian determined with the solar, by a cross on the stone already set 500 chs. N. of our station; this mark falls 0.25 ins. east of the true meridian established by Polaris observation. The solar apparatus, by p. m. and a. m. observations, defines positions for true meridians, respectively about 0' 18" west and 0' 14" east of the true meridian established by Polaris observation; therefore, we conclude that the adjustments of the instrument are satisfactory.
	The magnetic bearing of the true meridian, at 8h 10m a. m., is N. 16° 28' W.; the angle thus determined reduced by the table, page 100 of the Manual, gives the mean mag. decl. 16° 25' E.
	From the cor. of secs. 35, and 36, on S. bdy. of Tp. We run N. 0° 01' W., bet. secs. 35 and 36.
	Over mountainous land, through dense oak brush; descend.
16.10	Bottom of left hand fork of Day's Canon, course S. 35° W.; ascend.
40.00	Set a quartzite stone, 22 x 8 x 4 ins., 16 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Chains	
61.00	Top of divide ridge bet. the left hand fork of Clay's Canon and the right hand fork of Hobble Creek Canon, 100 ft. above ¼ sec. cor., bears E. and W.; descend.
80.00	Set a hard sandstone, 18 x 13 x 7 ins., 12 ins. in the ground, for cor. of secs. 25, 26, 35, and 36, marked with 1 notch on S. and 1 notch on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly; 2nd rate.
	No timber.
	Undergrowth, oak.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.

	East, on a random line bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
80.10	Intersect E. bdy. of Tp. at the cor. of secs. 25, 30, 31, and 36, heretofore described.
	Thence we run
	West, on a true line bet. secs. 25 and 36.
	Over mountainous land, through dense undergrowth; ascend.
1.50	Top of ridge, 20 ft. above cor., bears N. 30° W. and S. 30° E.; descend.
27.25	Creek, 2 lks. wide, 1 in. deep, in canon, 200 ft. below ridge, course N. 10° W.; ascend.
34.00	Top of ridge, 75 ft. above canon, bears N. and S.; descend.
38.75	Bottom of hollow, 100 ft. below ridge, course N. 10° E.; ascend.
40.05	Set a quartzite stone, 24 x 7 x 6 ins., 18 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits

Chains	
	impracticable.
46.50	Top of sharp ridge, 150 ft. above hollow; bears N. 30° E. and S. 30° W.; descend.
58.25	Bottom of hollow, 150 ft. below ridge, course N. 30° E.; ascend.
65.00	Top of spur, 100 ft. above hollow, bears N. E. and S. W.; descend.
69.00	Bottom of hollow, 40 ft. below spur, course N. E.; ascend.
80.10	The cor. of secs. 25, 26, 35, and 36.
	Land, mountainous.
	Soil, black loam and gravelly; 1st and 3rd rate.
	No timber.
	Undergrowth, oak and maple, mostly oak.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.10 chs.
	October 20, 1899; At the noon hour the sky is overcast and solar observations are impossible.

	N. 0° 01' W., bet. secs. 25 and 26.
	Over mountainous land, through dense undergrowth; descend gradually.
29.00	Begin abrupt descent, bears N. 30° E. and S. 30° W.
40.00	Set a red sandstone, 16 x 14 x 4 ins., 11 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
64.35	Foot of abrupt descent, bears E. and W.; enter flat.
79.50	Leave flat, bears N. E. and S. W.; descend.
80.00	Set a quartzite stone, 20 x 10 x 6 ins., 15 ins. in the ground, for cor. of secs. 23, 24, 25, and 26, marked with 2 notches on S. and 1 ch. on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Chains	
	Land, mountainous.
	Soil, black loam and gravelly; 1st and 3rd rate.
	No timber.
	Undergrowth, oak, maple, and sage.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 8000 chs.
	East, on a random line bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
79.80	Intersect E. bdy. of Tp. at the cor. of secs. 19, 24, 25, and 30., heretofore described.
	Thence we run
	West, on a true line bet. secs. 24 and 25.
	Over mountainous land, through dense oak and maple undergrowth; descend.
27.00	Creek, 2 lks. wide, 2 ins. deep, in cañon, 300 ft. below cor., course N. 50° W.; ascend.
39.00	Top of spur, 50 ft. above cañon, bears N. and S.; descend.
39.90	Set a limestone, 22 x 12 x 7 ins., 16 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; from which
	A w oak, 4 ins. diam., bears N. 70° E. 37 lks. dist., marked ¼ S. 24, B. J.
	A maple, 4 ins. diam., bears S. 50° W., 56 lks. dist., marked ¼ S. 25, B. J.
58.25	Bottom of hollow, 75 ft. below spur, course N. 20° W.; ascend.
61.00	Top of spur, 100 ft. above hollow, bears N. 20° W. and S. 20° E. Mr. S. W. Bowman's house bears N. 30° W., about 8.00 chs. dist.; descend.
66.25	Willow fence, at foot of descend, bears N. and S. Leave undergrowth. Enter cultivated land bears N. and S., claimed by Mr. S. W. Bowman.
7.80	Leave cultivated land, bears N. E. and S.
79.30	Begin descent, bears N. E. and S. W.

Chains	
79.80	The cor. of secs. 23, 24, 25, and 26.
66.75 / 13.05	Sand, mountainous and level.
	Soil, black loam and gravelly; 1st and 3rd rate.
	No timber.
	Undergrowth, oak and maple, mostly oak.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 66.75 chs.
	October 20, 1899.

X

October 21, 1899: At 8h 0m a. m., l. m. t., we set off 40° 11' N., on the lat. arc; 10° 44' S., on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 23, 24, 25, and 26.

Thence we run

N. 0° 01' W., bet. secs. 23 and 24.

Over mountainous land, through scattering undergrowth; descend.

4.75	Road in cañon, bears N. 60° E. and S. 60° W.
4.90	Pole fence, bears N. 60° E. and S. 60° W.
6.75	Creek, 20 lks. wide, 1 ft. deep, rapid current, rocky bottom, in right hand fork of Hobble Creek Cañon, 50 ft. below cor., course W.; ascend.
40.00	Set a quartzite stone, 22 x 12 x 6 ins., 16 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
80.00	Set a quartzite stone, 24 x 12 x 5 ins., 1 . in the ground, for cor. of secs. 13, 14, 23, and 24, marked with 3 on S. and 1 notch on E. edges; and raise a mound of stone, 2 ft. base, 1½ . high, W. of cor. Pits impracticable. and, mountainous.

Subdivision of T. 7 S., R. 4 E. – Continued.

Chains	
	Soil, gravelly; 3rd rate.
	No timber.
	Undergrowth, sage, oak, and maple.
	Good grass for grazing.
	Mountainous land, 80.00 chs.
	East, on a random line bet. secs. 13 and 24.
110.00	Set temp. ± sec. cor.
80.10	Intersect E. bdy. of Tp., 8 lks. S. of cor. of secs. 13, 18, 19, and 24, heretofore described. Thence we run S. 89° 57' W., on a true line bet. secs 13 and 24. Over mountainous land, through dense undergrowth; descend.
7.00	Bottom of hollow, 25 ft. below cor., course S. 80° E.; ascend.
19.00	Top of ridge, 250 ft. above hollow, bears N. 70° W. and S. 70° E.; descend.
23.50	Bottom of swale, 10 ft. below ridge, course S. 60° E.; ascend.
26.00	Top of spur, 50 ft. above swale, bears N. 20° W. and S. 20° E.; descend.
33.00	Bottom of hollow, 75 ft. below spur, course S.; ascend.
40.05	Set a sandstone, 16 x 14 x 8 ins., 11 ins., in the ground, for ± sec. cor., marked ± on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
44.00	Top of ridge, 50 ft. above hollow, bears N. 20° W. and S. 20° E.; descend.
60.00	Bottom of cañon, 250 ft. below ridge, course S.; ascend.
80.10	The cor. of secs. 13, 14, 23, and 24.
	Land, mountainous.
	Soil, gravelly loam; 2nd rate.
	No timber.
	Undergrowth, oak and maple.
	Good grass for grazing.

Chains	
	Mountainous land, or land covered with dense undergrowth, 8 D. 10 chs. October 21, 1899: At this cor. we set off 10° 49' S., on the decl. arc; and at 0h 3m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 12' N.
	N. 0° 01' W., bet. secs. 13 and 14. Over mountainous land, through dense undergrowth; ascend.
8.00	Top of spur, 30 ft. above cor., bears E. and W.; descend.
22.50	Bottom of hollow, 150 ft. below spur, course S. 80° E.; ascend.
29.50	Top of divide ridge bet. the right hand fork of Hobble Creek Cañon, and Granges Cañon, 100 ft. above hollow, bears E. and W.; descend.
40.00	Set a sandstone, 24 x 12 x 6 ins., 18 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
45.65	Bottom of hollow, 40 ft. below ¼ sec. cor., course W.; ascend.
57.00	Top of ridge, 50 ft. above hollow, bears E. and W.; descend gradually.
80.00	Set a sandstone, 16 x 10 x 5 ins., 11 ins. in the ground, for cor. of secs. 11, 12, 13, and 14, marked with 4 notches on S. and 1 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly; 2nd rate.
	No timber.
	Undergrowth, oak and maple.
	Good grass for grazing.
	Mountainous land, or land covered

Chains	
	with dense undergrowth, 80.00 chs.
	N. 89° 57' E., on a random line bet. secs. 12 and 13.
40.00	Set temp. ✝ sec. cor.
80.30	Intersect E. bdy. of Tp., at the cor. of secs. 7, 12, 13, and 18., heretofore described.
	Thence we run
	S. 89° 54' W., on a true line bet. secs. 12 and 13.
	Over mountainous land; through dense oak and maple undergrowth; descend.
33.35	Bottom of hollow, 250 ft. below sec. cor., course N. W.; ascend.
40.15	Set a sandstone, 20 x 12 x 4 ins., 15 ins. in the ground, for ✝ sec. cor., marked ✝ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high N. of cor. Pits impracticable.
49.50	Top of ridge, 175 ft. above hollow, bears N. 20° W. and S. 20° E.; descend.
78.50	Bottom of hollow, 200 ft. below ridge, course N. W.; ascend.
80.30	The cor. of secs. 11, 12, 13, and 14.
	Land, mountainous.
	Soil, clay and gravelly loam; 2nd rate.
	No timber.
	Undergrowth, oak and maple.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.30 chs.
	October 21, 1899.

October 23, 1899: At 8h 30m a. m., l. m. t., we set off 40° 13' N., on the lat. arc, 11° 27' S., on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 11, 12, 13, and 14.

Thence we run

N. 0° 01' W., bet. secs. 11 and 12.

Chains	
	Over mountainous land, through scattering oak and serviceberry undergrowth; descend.
2.25	Bottom of hollow, 40 ft. below sec. cor.; course N. W.; ascend.
15.00	Top of ridge, 150 ft. above hollow, bears N. 50° W. and S. 50° E.; descend.
25.80	Bottom of Granges Canon, 175 ft. below ridge; course W.; ascend.
26.25	Wood road in canon, bears E. and W.
40.00	Set a sandstone, 22 x 14 x 10 ins., 16 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. This cor. is about 100 ft. above canon.
56.25	Top of ridge, 150 ft. above ¼ sec. cor., bears N. 70° E. and S. 70° W.; descend.
60.20	Bottom of swale, 20 ft. below ridge, course W.; ascend.
65.00	Top of ridge, 30 ft. above swale, bears N. 80° W. and S. 80° E.; descend.
79.00	Bottom of swale, 60 ft. below ridge, course W.; ascend.
80.00	Set a sandstone, 24 x 16 x 12 ins., 18 ins. in the ground, for cor. of secs. 1, 2, 11, and 12, marked with 5 notches on S. and 1 notch on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, mountainous.
Soil, gravelly; 3rd rate.
No timber.
Undergrowth, oak and service berry.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.
October 23, 1899; At the noon hour the sky is overcast and solar observations are impossible.

N. 89° 57' E., on a random line bet. secs. 1 and 12

Subdivision of T. 7 S., R. 4 E. - Continued.

Chains	
40.00	Set temp. ± sec. cor.
80.20	Intersect E. bdy. of Tp., 6 lks. S. of the cor. of secs. 1, 6, 7, and 12, heretofore described.
	Thence we run
	S. 89° 54' W., on a true line bet. secs. 1 and 12.
	Over mountainous land; through scattering oak brush; descend.
17.00	Foot of descent, 200 ft. below cor., bears N. 30° E. and S. 30° W. Thence across flat.
	Enter dense oak brush.
30.00	Leave flat, bears N. 30° E. and S. 30° W.; descend.
31.40	Wood road in cañon, bears N. 30° E. and S. 30° W.
32.00	Bottom of Granites Cañon, 50 ft. below flat, course S. 30° W.; ascend.
40.10	Set a sandstone, 20 x 12 x 8 ins., 15 ins. in the ground, for ± sec. cor., marked ± on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
113.50	Top of ridge, 100 ft. above cañon, bears N. and S.; descend.
56.21	Bottom of hollow, 100 ft. below ridge, course S.; ascend.
71.50	Top of ridge, 80 ft. above hollow, bears N. 20° E. and S. 20° W.; descend.
80.20	The cor. of secs. 1, 2, 11, and 12.
	Land, mountainous and level.
	Soil, gravelly loam; 2nd rate.
	No timber.
	Undergrowth, oak.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.20 chs.

	N. 0° 01' W., on a random line bet. secs. 1 and 2.
40.00	Set temp. ± sec. cor.
80.20	Intersect N. bdy. of Tp., 10 lks. E. of the cor. of secs. 1, 2, 35, and 36, heretofore described.

Chains	
	Thence we run
	S. 0° 05' E., on a true line bet. secs. 1 and 2.
	Over mountainous land, through
	dense undergrowth; ascend.
9.50	Top of ridge, 100 ft. above cor., bears N. 50° E. and S. 50° W.
21.25	Bottom of hollow, 130 ft. below ridge, course
	S. 60° W.; ascend.
24.25	Top of ridge, 30 ft. above hollow; bears
	E. and W.; descend.
40.20	Set a sandstone, 20 x 12 x 7 ins., 15 ins. in
	the ground, for ¼ sec. cor., marked ¼
	on W. face; from which
	An oak, 3 ins. diam., bears N. 80° E.,
	23 lks. dist., marked ¼ S. 1, B. T.
	An oak, 4 ins. diam., bears N. 46° W.,
	54 lks. dist., marked ¼ S. 2, B. T.
40.50	Bottom of hollow, 130 ft. below ridge, course
	W.; ascend.
45.50	Top of spur, 40 ft. above hollow; bears
	E. and W.; descend.
50.00	Bottom of hollow, 40 ft. below spur, course
	N. 80° W.; ascend.
70.00	Top of divide ridge bet. Granger and
	Hobble Creek cañons, bears N. E. and S. W.; descend.
80.20	The cor. of secs. 1, 2, 11, and 12.
	Land, mountainous.
	Soil, gravelly loam; 2nd rate.
	No timber.
	Undergrowth, oak, maple, and sage.
	Good grass for grazing.
	Mountainous land, or land covered
	with dense undergrowth, 80.20 chs.
	October 23, 1899.

October 24, 1899; at 8h 25m a. m., l. m. t., we set off 40° 09' N., on the lat. arc; 11° 48' S., on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 34, and 35, on S. bdy. of Tp., heretofore described.

Chains	Thence we run
	N. 0°02' W., bet. secs. 34 and 35.
	Over mountainous land, through dense oak brush; ascend.
22.50	Top of spur, 200 ft. above sec. cor., bears N. 65° W. and S. 65° E.; descend.
32.50	Bottom of hollow, 175 ft. below ridge, course W.; ascend.
40.00	Set a sandstone, 20 x 12 x 4 ins., 15 ins. in the ground, for ± sec. cor., marked ± on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
53.00	Top of divide ridge bet. Day's Canon, and right hand fork of Hobble Creek Canon, 150 ft. above ± sec. cor., bears E. and W.; enter wild currant, chokecherry and maple undergrowth; descend.
80.00	Set a conglomerate stone, 14 x 9 x 9 ins., 9 ins. in the ground, for cor. of secs. 26, 27, 34, and 35, marked with 1 notch on S. and 2 notches on E. edges; from which

A oak, 6 ins. diam., bears N. 30° E., 49 lks. dist., marked T. 7 S., R. 4 E., S. 26, B.T.
A maple, 4 ins. diam., bears S. 82° E., 145 lks. dist., marked T. 7 S., R. 4 E., S. 35, B.T.
A maple, 6 ins. diam., bears S. 50° W., 62 lks. dist., marked T. 7 S., R. 4 E., S. 34, B.T.
A maple, 6 ins. diam., bears N. 54° W., 85 lks. dist., marked T. 7 S., R. 4 E., S. 27, B.T.

Land, mountainous.
Soil, black loam and gravelly; 1st. and 3rd rate.
No timber.
Undergrowth, oak, maple, wild currant, and chokecherry.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.
October 24, 1899: At this cor. we set off 11° 56' S., on the decl. arc; and at 2h 4m p. m., l. m. t., observe the sun on the meridian,

D the resulting lat. is 40° 10' N.

East, on a random line bet. secs. 26 and 3
40.00 Set temp. ± sec. cor.
80.12 Intersect N. and S. line, 8 lks. S. of the cor. of secs. 25, 26, 35, and 36.
Thence we run
S. 89° 57' W., on a true line bet. secs. 26 and 35.
Over mountainous land; through dense undergrowth; ascend.
6.25 Foot of perpendicular cliff, 75 ft. high, bears N. 30° E. and S. 30° W.
9.00 Top of ridge, 200 ft. above cor., bears N. 10° E. and S. 10° W.; descend.
40.06 Set a quartzite stone, 24 x 6 x 5 ins., 18 ins. in the ground, for ± sec. cor., mark ± on N. face; from which
A maple, 5 ins. diam., bears N. 80° 30' W., 32 lks. dist., marked ± S. 26, B. T.
Live oak, 6 ins. diam., bears S. 17° W. 56 lks. dist., marked ± S. 35, B. T.
76.00 Bottom of hollow, 250 ft. below ridge, course N.; ascend.
79.50 Top of ridge, 50 ft. above hollow, bears N. and S.; descend.
80.12 The cor. of secs. 26, 27, 34, and 35.
Land, mountainous.
Soil, gravelly loam and rocky; 2nd and 4th rate.
No timber.
Undergrowth, oak, maple, larch, and
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.12 chs.

N. 0° 02' W., bet. secs. 26 and 27.
Over mountainous land, through

Chains	
	undergrowth; descend gradually.
30.50	Cattle trail, bears N. 40° W. and S. 40° E.
34.00	Begin abrupt descent, bears E. and W.
40.00	Set a limestone, 20×7×7 ins., 15 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
44.25	Same cattle trail, bears N. 30° E. and S. 30° W.
50.00	Road in canon, bears N. 50° E. and S. 50° W.
51.00	Creek, 20 lks. wide, 15 ins. deep, in right hand fork of Hobble Creek Canon, 500 ft. below sec. cor., course S. 50° W.; a second.
71.50	Foot of perpendicular cliff, 30 ft. high, bears E. and W.
75.50	Top of spur, 400 ft. above canon, bears N. 35° E., and S. 35° W., descend.
80.00	Set a quartzite stone, 22×10×6 ins., 16 ins. in the ground, for cor. of secs. 22, 23, 26, and 27, marked with 2 notches on S. and 2 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, black loam and gravelly; 1st and 3rd rate.
	No timber.
	Undergrowth, oak, maple, cottonwood, and sage.
	Good grass for grazing.
	Mountainous land, rolling land covered with dense undergrowth, poor.
	October 24, 1899.

October 25, 1899: The sky is overcast the entire day and solar observations are impossible.

N. 89° 57' E., on a random line bet. secs. 23 and 24.

40.00	Set temp. ¼ sec. cor.

Chains	
79.90	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 23, 24, 25, and 26.
	Thence we run
	S. 89° 54' W., on a true line bet. secs. 23 and 26.
	Over mountainous land; through dense undergrowth; descend.
2.50	Road in right hand fork of Hobble Creek Canon, bears N. and S.
2.70	Pole fences, bears N. and S.; enter cultivated field, bears with fences.
4.75	Creek, 20 lks. wide, 5 ins. deep, rocky bottom, rapid current, in bottom of right hand fork of Hobble Creek Canon, 75 ft. below sec. cor., course S. 1° E., about 5.00 chs., thence S. 52° W.; leave cultivated field, and enter dense sage and oak brush, ascend.
39.95	Set a sandstone, 15 x 5 x 5 ins., 12 ins. in the ground, for 4 sec. cor., marked 4 on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
42.75	Top of ridge, 400 ft. above canon, bears N. 20° E. and S. 20° W.; descend.
51.60	Bottom of hollow, 250 ft. below ridge, course S. 10° W.; ascend.
77.25	Top of ridge, 275 ft. above hollow, bears N. 30° E. and S. 30° W.; descend.
79.40	To cor. of secs. 22, 23, 26, and 27.
	Land, mountainous.
	Soil, gravelly; 3rd rate.
	No timber.
	Undergrowth, oak and sage.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 79.40 chs.

N. 0° 02' W., bet. secs. 22 and 23.

Chains	
	Over mountainous land; thro' dense oak brush; descend.
6.75	Bottom of hollow, 10 ft. below sec. cor., course S. 30° W.; ascend.
31.00	Top of divide ridge bet. right hand fork of Hobble Creek Canon, and Granger Canon, 250 ft above hollow, bears E. and W.; enter aspen saplings and maple; descend.
40.00	Set a quartzite stone, 14 x 10 x 8 ins., 9 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; from which An oak, 6 ins. diam., bears S. 2° E., 102 lks. dist., marked ¼ S. 23, B. T. An aspen, 6 ins. diam., bears S. 72° W., 50 lks. dist., marked ¼ S. 22, B. T.
49.50	Bottom of hollow, 200 ft. below ridge, course N. 10° E.; ascend.
62.00	Top of ridge, 40 ft. above hollow, bears E. and W.; a log cabin bears S. 62° E., about 8.00 chs. dist.; descend. Claimant unknown.
70.00	Bottom of hollow, 60 ft. below ridge, course N. E.; ascend.
80.00	Set a sandstone, 20 x 12 x 8 ins., 15 ins. in the ground, for cor. of secs. 14, 15, 22, and 23, marked with 3 notches on S. and 2 notches on E. edges; from which An oak, 6 ins. diam., bears S. 78° E., 56 lks. dist., marked T. 7 S., R. 4 E., S. 23, B. T. No other trees within limits; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, gravelly; 3rd rate. No timber. Undergrowth, oak, maple, and aspen. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs.

N. 89° 59' E., on a random line bet. secs.

14 and 23.
40.00 Set temp. ± sec. cor.
79.70 Intersect N. and S. lines, at the cor. of secs. 13, 14, 23, and 24.
Thence we run
S. 89° 59' W., on a true line bet. secs. 14 and 23.
Over mountainous land; through dense undergrowth; ascend.
7.00 Top of ridge, 50 ft. above sec. cor., bears N. 20° E. and S. 20° W.; descend.
17.00 Bottom of hollow, 200 ft. below ridge, course S.; ascend.
27.00 Top of divide ridge bet. the right hand fork of Hobble Creek Canon and Granges Canon, 200 ft. above hollow; bears N. 10° E. and S. 10° W.; descend.
39.55 Set a limestone, 20 x 12 x 5 ins., 15 ins. in the ground, for ± sec. cor., marked ± on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
42.60 Bottom of hollow, 15 ft. below ± sec. cor., course N. 20° E.; ascend.
60.00 Top of ridge, 100 ft. above hollow, bears N. W. and S. E.; descend.
70.00 Bottom of hollow, 100 ft. below ridge, course N. W.; enter heavy aspen timber, bears N. W. and S. E.; ascend.
75.35 Leave aspen timber, bears N. and S.
79.70 The cor. of secs. 14, 15, 22, and 23.
Land, mountainous.
Soil, gravelly and rocky; 2nd and 4th rate
Timber, aspen.
Undergrowth, maple and oak.
Good grass for grazing.
Mountainous or heavily timbered land, or land covered with dense undergrowth, 79.70 chs.

October 25, 1899.

October 26, 1899: At 8h 0m a. m., l. m. t. we set

chains	
	off 40°12' N., on the lat. arc; 12°28' S., on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 14, 15, 22, and 23.
	Thence we run
	N. 0°02' W., bet. secs. 14 and 15.
	Over mountainous land, through dense oak and maple undergrowth; descend.
11.50	Bottom of hollow, 40 ft. below sec. cor; course N.W.; a small spring bears N.W. about 4.00 chs. dist.; ascend.
32.00	Top of ridge, 150 ft. above hollow, bears N. 20° W. and S. 20° E.; descend.
40.00	Set a sandstone, 14 x 12 x 6 ins., 9 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
49.50	Wash, 10 lks. wide, 4 ft. deep, course N. 10° W.
62.00	Bottom of hollow, 100 ft. below ridge, course N. 20° E.; ascend.
66.00	Bottom of same hollow, course N. 20° W.
67.20	Creek, 20 lks. wide, 3 ins. deep, sluggish current, in Bottom of Granges Canon, 200 ft. below ridge, course W.; ascend.
67.50	The S.W. cor. of a cultivated field bears E. 30 lks. dist. (claimed by — Clark, first name unknown).
68.50	Wood road in canon, bears E. and W.
69.00	The N.W. cor. of cultivated field bears E. 60 lks. dist.
80.00	Set a sandstone, 16 x 10 x 6 ins., 11 ins. in the ground, for cor. of secs. 10, 11, 14, and 15, marked with 4 notches on S. and 2 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, loam and gravelly; 1st and 3rd rate.
	No timber.
	Undergrowth, oak and maple.
	Good grass for grazing.

Chains	Mountainous land, or land covered with dense undergrowth, 80.00 chs.
	N. 89° 59' E., on a random line bet. secs. 11 and 14.
40.00	Set temp. ± sec. cor.
79.94	Intersect N. and S. line, 11 lks. S. of the cor. of secs. 11, 12, 13, and 14.
	Thence we run
	S. 89° 54' W., on a true line bet. secs. 11 and 14.
	Over mountainous land; through dense undergrowth; ascend.
4.00	Top of spur, 30 ft. above sec. cor., bears N. 50° W. and S. 50° E.; descend.
18.00	Bottom of hollow, 150 ft. below spur, course N. W.; ascend.
20.25	Top of ridge, 40 ft. above hollow, bears N. 25° W. and S. 25° E.; descend.
25.05	Bottom of hollow, 75 ft. below ridge, course N. 30° W.; ascend.
28.00	Top of spur, 30 ft above hollow, bears N. and S.; descend.
34.35	Creek, 5 lks. wide, 3 ins. deep, rapid current, rocky bottom, in Granges Canon, 50 ft. below spur, course S. 55° W.; ascend.
35.50	Enter scattering cottonwood timber, bears N. E. and S. W.
37.55	Wood road in canon, bears N. E. and S. W.
39.97	Set a cobblestone, 14 x 10 x 7 ins., 9 ins. in the ground, for ± sec. cor., marked ± on N. face; from which
	An oak, 4 ins. diam., bears N. 1° E., 17 lks. dist., marked ± S. 11, B. T.
	A cottonwood, 10 ins. diam., bears S. 5° E., 145 lks. dist., marked ± S. 14, B. T.
48.50	Top of ridge, 30 ft. above ± sec. cor., bears N. and S.; descend; leave timber, bears N. and S.
57.35	Bottom of hollow, 75 ft. below ridge, course S. 20° E.; ascend.

Chains	
75.25	Top of spur, 60 ft. above hollow, bears N. and S.; descend.
78.00	Bottom, 20 ft. below ridge, course S.; ascend.
79.94	The cor. of secs. 10, 11, 14, and 15. From this cor. a cabin bears S. 49° E. about 40.00 chs. dist.
	Land, mountainous.
	Soil, gravelly and rocky; 3rd and 4th rate.
	Timber, cottonwood.
	Undergrowth, oak and maple.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 79.94 chs.
	October 26, 1899: At this cor. we set off 12° 33' E., on the decl. arc; and at 11h 58m a. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 13' N., which is about the proper lat.

	N. 0° 02' W., bet. secs. 10 and 11.
	Over mountainous land; through scattering oak and sage brush; ascend.
4.00	Top of spur, 40 ft. above sec. cor., bears N. E. and S. 30° W.; descend.
16.25	Bottom of hollow, 60 ft. below ridge, course S. W.; ascend.
34.20	Top of divide ridge bet. Grangers and Hobble Creek canons, 200 ft. above hollow, bears E. and W.; descend.
38.28	Intersect boundary of William T. Curtis' P. S. C., 1.13 chs. N. 66° 40' W. from angle cor. No. 9. Set a sandstone, 16 x 10 x 5 ins., 11 ins. in the ground, for closing cor. of secs. 10 and 11, marked C. C. on S. and W. T. C. on N. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.
40.00	Set a sandstone, 14 x 12 x 6 ins., 9 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; from which

Chains	
	Anoak, 6 ins. diam., bears N. E., 90 lks. dist., marked T. 8 S. 11, R. 3 E. Anoak, 5 ins. diam., bears N. 4° W., 100 lks. dist., marked T. 8 S. 10, R. 3 E.; and raised a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. This cor. is 7.5 ft. below top of ridge.
51.60	Bottom of hollow; 100 ft. to true ridge, course N. 70° W.; ascend.
61.50	Top of ridge; 60 ft. down hollow, bears N. W. and S. 60° E.; descend.
65.20	Intersect boundary of William J. Curtis' P. S. C., 7.15 chs. N. 46° W. from 1/4 mile cor., also intersect P. Edgar Whiting's P. R. "tract 1," 5.45 chs. N. 46° W., from angle cor. No. 6. Set a sandstone, 15 x 7 x 8 ins., 10 ins. in the ground, for closing cor. of secs. 10 and 11, marked C. C. W. J. C. on S. and P. E. W. on N. face; and raised a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.
80.00	Set a flint stone, 16 x 10 x 4 ins., 11 ins. in the ground, for cor. of secs. 2, 3, 10, and 11, marked with 5 notches on S. and 2 notches on E. edge; and raised a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Sand, mountainous. Soil, gravelly; 2 nd rate. No timber. Undergrowth, oak and maple. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs.

October 26, 1899.

October 27, 1899; At 8h 55m a. m., l. m. t., we set off 40° 14' N. on the lat. arc; 12° 50' S. on the decl. arc; and determine a

	true meridian with the solar, at the cor. of secs. 2, 3, 10, and 11. Thence we run N. 89° 54' E., on a random line bet. secs. 2 and 11.
40.00	Set temp. ± sec. cor.
80.05	Intersect N. and S. line, 14 lks. N. of the cor. of secs. 1, 2, 11, and 12. Thence we run West, on a true line bet. secs. 2 and 11. Over mountainous land; through dense undergrowth; ascend.
10.50	Top of ridge bet. Granger and Hobble Creek cañons, 20 ft. above cor., bears N. E. and S. W.; descend.
27.45	Hollow, 100 ft. below ridge, course N. 50° W.; ascend.
30.25	Top of ridge, 30 ft. above hollow, bears N. W. and S. E.; descend.
36.50	Bottom of hollow, 20 ft. below ridge, course N. W.; ascend.
40.02½	Set a cobble stone, 14 x 12 x 8 ins., 9 ins. in the ground, for ± sec. cor., marked ± on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
45.50	Top of ridge, 60 ft above hollow, bears N. 20° W. and S. 20° E.; descend.
53.94	Intersect boundary of P. Edgar Whiting's P. E. C., (tract 1) 11.45 chs. S. 50° W. from 1 mile cor. Set a quartzite stone, 15 x 10 x 6 ins., 10 ins. in the ground, for closing cor. of secs. 2 and 11, marked c c. P. E. W., on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
68.20	Spring branch, 1 lk. wide, in bottom of hollow, 120 ft. below ridge, course N. W.; ascend.
80.05	The cor. of secs. 2, 3, 10, and 11. Land, mountainous.

Chains	
	Soil, gravelly loam; 2nd rate.
	No timber.
	Undergrowth, oak and maple.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 8-0.05 chs.
	October 27, 1899; At the noon hour the sky is overcast and solar observations are impossible.
	N. 0° 02' W., on a random line bet. secs. 2 and 3:
40.00	Set temp. ¼ sec. cor.
80.02	Intersect N. bdy. of Township at the cor. of secs. 2, 3, 34, and 35, heretofore described.
	Thence we run
	S. 0° 02' E., on a true line bet. secs. 2 and 3.
	Over level bench, through dense undergrowth.
14.50	Leave undergrowth and enter cultivated land, bears E. and W.
20.40	Leave cultivated land and enter dense undergrowth, bears E. and W.
23.00	Leave bench and descend, bears N. 80° W. and S. 80° E.
28.76	Fence, bears N. 80° E. and S. 80° W.
37.12	Intersect boundary of Mary E. Whiting's P. S. C., 1.49 chs. N. 19° 30' E. from the beginning cor.; which is also angle cor. No. 2 on John C. Whiting's P. S. C.; also angle cor. No. 2 on Alfred Voyce's P. S. C. Set a quartzite stone, 18 x 4 x 8 ins., 12 ins. in the ground, for closing cor. of secs. 2 and 3., marked C. C. J. C. W. on N. and M. E. W. on S. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
39.32	Intersect boundary of Mary E. Whiting's P. S. C. 94 lks. S. 32° 10' E. from beginning cor.; is also angle cor. No. 2 on Alfred Voyce's P. S. C.; and angle cor. No. 2 on John C. Whiting's P. S. C. Set a quartzite stone,

Chains	
	18 x 10 x 8 ins., 12 ins. in the ground, for closing cor. of secs. 2 and 3, marked c.c. M. E. W. on N. and A. V. on S. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
39.40	Creek, 4 lks. wide, 2 ins. deep, from Dry and Berry Port cations, course S. E.
39.80	Road, bears S. 25° E. and N. 25° W., leave brush.
40.09	Set a cobble stone, 18 x 10 x 8 ins., 12 ins. in the ground, for ± sec. cor., marked ± on W. face; from which A cottonwood, 8 ins. diam., bears S. 67° E., 80 lks. dist., marked ± S. 2, B. T. A cottonwood, 8 ins. diam., bears S. 38° W., 36 lks. dist., marked ± S. 3, B. T.; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
48.00	Fence, bears N. 20° E. and S. 20° W.
49.19	Intersect boundary of Alfred Noyce's P. S. C., 87 lks. N. 24° 30' E. from angle cor. No. 5, which is angle cor. No. 3 on Arthur C. Whiting P. S. C.; and angle cor. No. 3 on Aaron Johnson's P. S. C. (tract 1). Set a quartzite stone, 16 x 9 x 5 ins., 11 ins. in the ground, for closing cor. of secs. 2 and 3, marked c.c. A. V. on N. and A. C. W. on S. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
49.25	Road, bears N. 25° E. and S. 25° W.
49.35	Fence, bears N. 25° E. and S. 25° W.
50.19	Intersect boundary of Arthur C. Whiting's P. S. C., 42 lks. S. 60° E. from angle cor. No. 3, which is angle cor. No. 3 on Aaron Johnson's P. S. C. (tract 1). Set a quartzite stone, 20 x 14 x 7 ins., 15 ins. in the ground, for closing cor. of secs. 2 and 3, marked C. C. A. C. W. on N. and A. J. on S. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
54.97	Aaron Johnson's house, on line.
56.33	Intersect boundary of Aaron Johnson's

Chains

P.S.C., 56 lks. N. 61° 15' W. from beginning cor. (tract 1), which is angle cor. No. 3 on P. Edgar Whiting P.S.C. (tract 1). Set a quartzite stone, 20 x 12 x 10 ins., 15 ins. in the ground, for closing cor. of secs. 2 and 3., marked c.c. A. J. on N. and P.E.W. on S. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. Fence, bears N. 61° 15' W. and S. 61° 15' E.; enter cultivated field.

61.40 Hobble Creek, 20 lks. wide, 6 ins. deep, rocky bottom, rapid current, course S. 30° W.

67.00 Leave cultivated field and enter dense undergrowth, bears N.E. and S.W.; begin ascent of mountain, bears N.E. and S.W.

73.85 Fence, bears E. and W.

80.02 The cor. of secs. 2, 3, 10, and 11.

Land, mountainous and level.

Soil, black loam and gravelly; 1st and 3rd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 46.90 chs.

October, 27, 1899.

October 28, 1899; At 8h 30m a. m., l. m. t., we set off 40° 09' N., on the lat. arc; 13° 09' S., on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 33 and 34 on S. bdy. of Tp., heretofore described.

Thence we run

N. 0° 02' W., bet. secs. 33 and 34.

Over mountainous land, through dense undergrowth; ascend.

chains	
12.60	Top of ridge, 150 ft. above cor., bears N. 80° W. and S. 80° E.; descend.
40.00	Set a sandstone, 20 x 9 x 7 ins., 15 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
46.50	Creek, 20 lks. wide, 1 ft. deep, in right hand fork of Hobble Creek Canon, 600 ft. below ridge, course W.; ascend.
48.60	Road in canon, bears with canon; leave dense undergrowth and enter scattering undergrowth, bears with canon.
80.00	Set a sandstone, 16 x 8 x 6 ins., 11 ins. in the ground, for cor. of secs. 27, 28, 33, and 34, marked with 1 notch on S. and 3 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly; 2nd rate.
	No timber.
	Undergrowth, oak, mahogany, and maple.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.

	East, on a random line bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
80.20	Intersect N. and S. lines, at the cor. of secs. 26, 27, 34, and 35.
	Thence we run
	West, on a true line bet. secs. 27 and 34.
	Over mountainous land, through dense oak brush; descend.
30.10	Intersect bdy. of Louisa M. Johnson's R.S.C. #85 chs. N. of 2 M. cor.; for description see notes of R.S.C.
40.10	Set a sandstone, 24 x 12 x 8 ins., 18 ins. in the ground, for ¼ sec. cor., marked ¼ on N. faces; and raise a mound

Chains | of stone, 2 ft. base 1½ ft. high, N. of cor. Pits impracticable.
46.90 | Road, bears N.W. and S.E.
47.25 | Creek, 20 lks. wide, 1 ft. deep, moderate current, in bottom of right hand fork of Hobble Creek Canon, 600 ft. below ridge, course S. 55° E.; ascend.
50.10 | Intersect bdy. of Louisa M. Folsom's P.S.C. 17.65 chs. S. of ¼ M. Cor.; for description of cor. see notes of P.S.
78.50 | Top of spur, 350 ft. above canon, bears N. 15° W. and S. 15° E.; descend gently.
80.20 | The cor. of secs. 27, 28, 33, and 34.

Land, mountainous.
Soil, black loam and gravelly; 1st and 3rd rate.
No timber.
Undergrowth, oak.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.20 chs.
October 28, 1899; At this cor. we set off 13° 14' S., on the decl. arc; and at 11h 58m a. m., l. m. t., observe the sun on the meridian, the resulting at. is 40° 10' N.

N. 0° 02' W., bet. secs. 27 and 28.
Over mountainous land; through scattering oak brush; ascend.
6.50 | Top of ridge, 100 ft. above sec. cor., S. 80° W. and S. 15° E.; enter dense undergrowth, bears with ridge;
15.00 | Swale, 30 ft. below ridges, course E., ascend.
28.00 | Top of spur, 40 ft. above swale, bears E. and W.; descend.
39.00 | Hollow, 100 ft. below ridge, course E.; ascend.
40.00 | Set a sandstone, 20 x 8 x 6 ins., 15 ins. in the ground, for ¼ sec. cor., ¼ on W. face; and raise a mound of

Chains	
	stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
75.50	Top of ridge, 200 ft. above hollow, bears N. 80° W. and S. 80° E.; descend.
80.00	Set a limestone, 24 x 12 x 8 ins., 18 ins. in the ground, for cor. of secs. 21, 22, 27, and 28, marked with 2 notches on S. and 3 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, gravelly; 2nd rate. No timber. Undergrowth, oak. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs.

East, on a random line bet. secs. 22 and 27.

40.00	Set temp. * sec. cor.
80.28	Intersect N. and S. line, 10 lks. N. of the cor. of secs. 22, 23, 26, and 27. Thence we run N. 89° 56' W., on a true line bet. secs. 22 and 27. Over mountainous land; through dense undergrowth; descend.
3.40	Bottom of hollow, 40 ft. below cor., course S. 30° W.; ascend.
15.00	Top of spur, 100 ft. above hollow, bears N. 30° E. and S. 30° W.; descend.
26.25	Bottom of hollow, 150 ft. below ridge, course S. 30° W. A spring of good water bears N. 30° E. (in hollow) about 10.00 chs. dist.; ascend.
36.50	Top of spur, 150 ft. above hollow, bears N. 30° E. and S. 30° W.; descend.
40.14	Set a limestone, 14 x 12 x 9 ins., 9 ins. in the ground, for * sec. cor., marked * on N. face; and raise a mound of

Chains stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

42.75 Bottom of hollow, 100 ft. below ridge, course S.; ascend.

50.75 Top of ridge, 200 ft. above hollow, bears N. 10° W. and S. 10° E.; descend.

63.50 Bottom of hollow, 150 ft. below ridge, course S. 10° E.; ascend.

80.28 The cor. of secs. 21, 22, 27, and 28.

Land, mountainous.

Soil, black loam and gravelly; 1st and 3rd rate.

No timber.

Undergrowth, sage, oaks, and maples.

Good grass for grazing.

Mountainous land, or land covered ith dense undergrowth, 80.28 chs.

October 28, 1899.

October 30, 1899; at 9h 30m a. m., l. m. t., we set off 40° 11' N., on the lat. arc; 13° 51' S., on the decl. arc; and determine a true meridian, with the solar, at the cor. of secs. 21, 22, 27, and 28.

Thence we run

N. 0° 02' W., bet. secs. 21 and 22.

Over mountainous land; through dense undergrowth; ascend.

16.00 Foot of perpendicular cliff 15 ft. high, bears N. E. and S. W.

26.00 Top of divide ridge, bet. the two forks of Hobble Creek Canon, 150 ft. above cor., bears N. and S. W.; thence along ridge.

33.50 Leave top of ridge, bears N. E. and S.;

40.00 Set a limestone, 15 x 10 x 6 ins., 10 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. its impracticable.

65.00 Bottom of hollow, 300 ft. below ridge,

Chains

course W.; ascend.

80.00 Set a sand coated limestone, 24 x 12 x 5 ins., 18 ins. in the ground, for cor. of secs. 15, 16, 21, and 22, marked 7 S. on N. E., and 4 E. on S. E. face, with 3 notches on S. and 3 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, mountainous.

Soil, gravelly; 3rd rate.

No timber.

Undergrowth, oak, maple, and sage.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

October 30, 1899: At this cor. we set off 13° 53' S., on the decl. arc; and at 0h 4m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 12' N.

S. 89° 56' E., on a random line bet. secs. 15 and 22.

40.00 Set temp. ¼ sec. cor.

80.10 Intersect N. and S. lines, 4 lks. N. of the cor. of secs. 14, 15, 22, and 23.

Thence we run N. 89° 54' W., on a true line bet. secs. 15 and 22.

Over mountainous land, through undergrowth; ascend.

10.00 Top of ridge, 40 ft. above sec. cor., bears N. 25° E. and S. 25° W.; descend.

18.50 Enter aspen saplings, bears N. E. and S. W.

19.40 Hollow, 30 ft. below ridge, course N. 50° E., ascend

21.00 Leave aspen, bears N. E. and S. W.

40.05 Set a sandstone, 24 x 16 x 5 ins., 18 ins. the ground, for ¼ sec. cor., marked ¼ on

Chains	
	N. faces; and raise a mound of stone 2 ft. base, 1½ ft. high, N. of cor. Pits impractical.
40.50	Top of ridge, 100 ft. above hollow; bears N. and S.; descend.
48.50	Hollow, 100 ft. below ridge, course N. E.; ascend.
62.50	Top of ridge, 150 ft. above hollow; bears N. 30° W. and S. 30° E.; descend.
80.10	The cor. of secs. 15, 16, 21, and 22.

Land, mountainous.
Soil, black loam and gravelly; 1st and 3rd rate.
No timber.
Undergrowth, oak, maple, and aspen.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.10 chs.
At the cor. of secs. 15, 16, 21, and 22, latitude 40° 12' N., longitude 111° 30' W.; At 4h 57m p. m., l. m. t., we observe Polaris at eastern elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined by a tack driven in a wooden plug, set in the ground, 5.00 chs. N. of our station.

October 30, 1849.

October 31, 1849. At 6h 55m a. m., l. m. t., we lay off the azimuth of Polaris, 1° 36.5 to the west, and mark the True Meridian thus determined by cutting a small groove in a stone set firmly in the ground, west of the mark established by Polaris observation; the magnetic bearing of said true meridian is N. 16° 2¾ W., which reduced by the

Chains	
	table page 100 of the manual, gives the mean mag. decl. 16°26' E. Oct 8. at 30 m a. m., l. m. t., we set off 40°12' N., on the lat. arc; 14°09' S., on the decl. arc; and mark the true meridian, determined with the solar, by a cross (X) on the stone already set 5.00 chs. N. of our station; this mark falls 0.19 ins. west of the true meridian determined by Polaris observation; therefore we conclude that the adjustments of the instrument are satisfactory. Thence we run
	N. 0°02' W., bet. secs. 15 and 16.
	Over mountainous land; through dense undergrowth; ascend.
9.00	Top of ridge, 100 ft. above cor., bears E. and W.; descend.
25.00	Bottom of hollow, 200 ft. below ridge, course N. 20° W.; ascend.
34.50	Intersect boundary of George W. Clark's P. S. C., 9.15 chs. W. of 1/4 mile cor. Set a quartzite stone, 22 x 10 x 6 ins., 16 ins. in the ground, for closing cor. of secs. 15 and 16, marked c.c. on S. and G. W. C. on N. faces; and raise a mound of stone, 2 ft. base, 1/2 ft. high, S. of cor. Pits impracticable.
40.00	Set a sandstone, 16 x 9 x 4 ins., 11 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face, and raise a mound of stone, 2 ft. base, 1/2 ft. high, W. of cor. Pits impracticable.
44.00	Top of ridge, 10 ft. above 1/4 sec. cor., bears N. W. and S. E.; descend.
59.00	Fence, bears E. and W.
59.20	Road in Granges Canon, bears E. and W.
61.00	Bottom of Granges Canon, 250 ft. below ridge, course W.; ascend.
66.55	Top of spur, 150 ft. above canon, bears

Chains	
	N. E. and S. W. intersect boundary of George W. Clarke's P. S. C.; at angle cor. No. 5; which is also angle cor. No. 3 on Sarah Elizabeth Strong's P. S. C., heretofore described, we mark it c. c. G. W. C. on S. and S. E. S. on N. faces, for closing cor. of secs. 15 and 16.; thence along bdy. of Sarah Elizabeth Strong's P. S. C.; descend.
80.00	Angle cor. No. 2 on Sarah Elizabeth Strong's P. S. C., heretofore described, we mark it with 4 notches on S. and 3 notches on E. edges; for cor. of secs. 9, 10, 15, and 16; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly; 3rd. rate.
	No timber.
	Undergrowth, sage, oak, and maple.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.

	S. 89° 54' E., on a random line bet. secs. 10 and 15.
40.00	Set temp. ¼ sec. cor.
79.80	Intersect N. and S. line, at the cor. of secs. 10, 11, 14, and 15.
	Thence we run
	N. 89° 54' W., on a true line bet. secs. 10 and 15.
	Over mountainous land; through dense undergrowth; ascend.
2.50	Top of spur, 15 ft. above sec. cor., bears N. 20° E. and S. 20° W.; descend.
7.20	Hollow, 100 ft. below ridge, course S. 35° W.; ascend.
13.75	Top of spur, 100 ft. above hollow, bears N. and S.; descend.
20.80	Hollow, 150 ft. below spur, course S. 20° W.;

Chains	
	ascend.
25.50	Top of spur, 160 ft. above hollow, bears N. E. and S. W.; descend.
32.40	Bottom of hollow, 75 ft. below spur, course S. 30° W.; ascend.
39.00	Top of ridge, 75 ft. above hollow, bears N. 20° E. and S. 20° W.; descend.
39.90	Set a quartzite stone, 14 x 12 x 4 ins., 9 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; from which An aspen, 4 ins. diam., bears N. 35° W., 32 lks. dist., marked ¼ S. 10, B. T. An aspen, 8 ins. diam., bears S. 60° 15' E., 20 lks. dist., marked ¼ S. 15, B. T.
44.15	Bottom of hollow, 125 ft. below ¼ sec. cor., course S. 20° W.; ascend.
50.50	Top of spur, 125 ft. above hollow, bears N. 10° E. and S. 10° W.; descend.
56.20	Bottom of hollow, 50 ft. below spur, course S.; ascend.
63.00	Top of ridge, 175 ft. above hollow, bears N. and S.; descend.
66.00	Bottom of hollow, 50 ft. below ridge, course S. 10 W.; ascend.
69.00	Top of ridge, 50 ft. above hollow, bears N. E. and S. W.; descend.
79.80	The cor. of secs. 9, 10, 15, and 16. Land, mountainous. Soil, gravelly loam and rocky; 1st and 4th rate. Timber, scattering aspen. Undergrowth, oak, sage, and maple. Good grass for grazing. Mountainous land, or land covered th dense undergrowth, 79.80 chs.

N. 0° 02' W., bet. secs. 9 and 10.
Over mountainous land; through dense undergrowth; descend.

Chains	
4.50	Foot of descent, bears N. 20° E. and S. 20° W.; enter bottom of Hobble Creek Canon; enter heavy cottonwood timber.
5.75	Hobble Creek, 20 lks. wide, 6 ins. deep, course S. 20° W.
11.50	Leave timber, and undergrowth, and enter cultivated land, bears N. E. and S. W.
16.95	Fence, bears N. 80° E. and S. 80° W.; leave cultivated land and enter dense undergrowth.
17.05	Road in canon, bears N. 80° E. and S. 80° W.
17.50	Begin ascent, bears N. 80° E. and S. 80° W.
18.75	Water ditch, 5 lks. wide, course S. 80° W.
25.98	Intersect boundary of Sarah Elizabeth Strong's P. S. C., 0.94 chs. N. 60° 50' W. from 2 mile cor. Set a quartzite stone, 18 x 12 x 8 ins., 12 ins. in the ground, for closing cor. of secs. 9 and 10., marked c. c. S. E. S. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.
40.00	Set a quartzite stone, 20 x 11 x 6 ins., 15 ins. in the ground, for ✱ sec. cor., marked ✱ on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
41.95	Intersect boundary of John W. Dougall's P. S. C., 14.00 chs. N. 35° 30' W. from 1 mile cor. Set a quartzite stone, 18 x 9 x 9 ins., 12 ins. in the ground, for closing cor. of secs. 9 and 10, marked c. c. on S., and J. W. D. on N. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.
45.00	Top of spur, 100 ft. above canon, bears N. W. and S. E.; descend.
59.50	Bottom of hollow, 30 ft. below spur, course S. E.; ascend.
67.13	Intersect boundary of John W. Dougall's P. S. C., 9.12 chs. N. 54° 30' E. from 1½ mile cor.

Chains Set a quartzite stone, 18 x 10 x 6 ins., 12 ins. in the ground, for closing cor. of secs. 9 and 10, marked c.c. J. W. D. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

80.00 Set a quartzite stone, 20 x 8 x 7 ins., 15 ins. in the ground, for cor. of secs. 3, 4, 9, and 10, marked with 5 notches on S. and 3 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

74.55 / 5.05

Land, mountainous and level.
Soil, black loam, gravelly, and rocky; 1st 3rd and 4th rate.
Timber, cottonwood.
Undergrowth, oak and sage.
Good grass for grazing.
Mountainous, or heavily land, or land covered with dense dergrowth, 74.55 chs.
October 31, 1899: At the noon hour the sky is overcast and solar observations are impossible.

S. 89° 54' E., on a random line bet. secs. 3 and 10.

40.00 Set temp. # sec. cor.

79.60 Intersect N. and S. line, 14 lks. S. of the cor. of secs. 2, 3, 10, and 11.

Thence we run
West, on a true line bet. secs. 3 and 10.
Over mountainous land; through oak brush; descend.

11.50 Foot of mountain, bears N. E. and S. W.

12.00 Fence, bears N. E. and S. W. Leave the and enter cultivated field.

Chains	
15.32	Intersect boundary of P. Edgar Whiting's P.S.C. "tract 1" 9.87 chs. S. 46° E. from beginning cor.; and 11.80 chs. S. 46° E. from 1 mile cor. on William T. Curtis' P.S.C. Set a sandstone, 18 x 10 x 6 ins., 12 ins. in the ground, for closing cor. of secs. 3 and 10, marked C.C. P.E.W. on E. and W. T.C. on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
17.40	Hobble Creek, 20 lks. wide, 6 ins. deep, course S.W.
24.00	Corner of fence, bears N.E. and S.W., and S. 80° E. Leave cultivated land, and enter dense undergrowth.
24.50	Road in canon, bears N.E. and S.W. Ascend.
29.00	Edge of bench, bears N. 10° E. and S. 10° W. Leave undergrowth and enter cultivated land.
39.50	Water ditch, 3 lks. wide, course S. 10° E.
39.78	Intersect boundary of William T. Curtis' P.S.C., 5.32 chs. N. 6° 30' W. from angle cor. No. 3, which is angle cor. No. 6 on Hugh M. Mougall Jr's P.S.C. Set a sandstone 15 x 9 x 9 ins., 10 ins. in the ground, for closing cor. of secs. 3 and 10, marked C.C. W.T.C. on E. and H.M.M. Jr. on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
39.80	Set a sandstone, 16 x 10 x 6 ins., 11 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
46.90	Irrigating ditch, 3 lks. wide, course S. Leave cultivated land and enter dense undergrowth at foot of mountain, bears N. and S.; ascend.
50.47	Intersect boundary of Hugh M. Mougall Jr's P.S.C., 3.25 chs. S. 27° 26' E. from angle cor. No. 2; which is angle cor. No. 7 on Hugh M.

Chains	
	Dougall's P.L.C. Set a sandstone, 22 x 10 x 10 ins., 16 ins. in the ground, for closing cor. of secs. 3 and 10, marked C.C. H.M.D.Jr. on E. and H.M.D. on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
52.00	Top of ridge, 100 ft. above bench, bears N. and S.; descend.
60.75	Fence, bears N.W. and S.E. in bottom of Whitamore canon, 100 ft. below ridge, course S.E.; ascend.
64.50	Fence, bears N.W. and S.E.
65.00	Road, bears N.W. and S.E.
66.00	Water ditch, 4 lks. wide, course S.E.
72.38	Intersect boundary of Hugh M. Dougall's P.L.C., 9.40 chs. N. 50° 20' W. from ½ mile cor., Set a sandstone, 16 x 9 x 6 ins., 11 ins. in the ground, for closing cor. of secs. 3 and 10, marked C.C. H.M.D. on E. face; and raise a mound of stone, 2 ft. base, 1½ high, E. of cor. Pits impracticable.
79.60	The cor. of secs. 3, 4, 9, and 10.
	Land, mountainous and level.
	Soil, black loam and gravelly; 1st and 2nd rate.
	No timber.
	Undergrowth, oak, maple, and sage.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 54.20 chs.

N. 0° 02' W., on a random line bet. secs. 3 and 4.

40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. bdy. of Sp. at the cor. of secs. 3, 4, 33, and 34, heretofore described.
	Thence we run
	N. 0° 02' E., on a true line bet. secs. 3 and 4.
	Over nearly level bench; through dense undergrowth; along W. line of Alfred Noyce's private land claim.
9.10	The 2 mile cor. on Alfred Noyce's P.L.C.

Chains	
15.96	Angle cor. No. 8 on Henry Voyce's P.S.C., and angle cor. No. 11 on Alfred Voyce's P.S.C., heretofore described; we mark it c.c. on N. face. Edge of bench, bears N.W. and S.E. Thence along W. line of Henry Voyce's P.S.C.; descend.
22.91	Bottom of hollow, 50 ft. below bench, course S.E.; ascend.
31.91	Angle cor. No. 7 on Henry Voyce's P.S.C., heretofore described; this cor. is 15.80 chs. N. 50° 20' W. from 2 mile cor. on Hugh M. Dougall's P.S.C. We mark it c.c. on N. and H.M.D. Jr's. on S. faces, for closing cor. of secs. 3 and 4. Top of ridge, 50 ft. above hollow, bears N.W. and S.E. Descend.
40.00	Set a quartzite stone, 20 x 12 x 6 ins., 15 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
51.25	Bottom of Whitamore Canon, 250 ft. below ¼ sec. cor., course S. 60° E. Road in canon bears with canon. ascend.
54.00	Water ditch, 3 lks. wide, course S.E.
54.23	Intersect boundary of Hugh M. Dougall Jr's P.S.C., 17.86 chs. S. 50° 20' E. from 1 mile cor. And 4.12 chs. S. 50° 20' E. from 2 mile cor. on Hugh M. Dougall's P.S.C. Set a sandstone, 15 x 9 x 9 ins., 10 ins. in the ground, for closing cor. of secs. 3 and 4, marked C.C. H.M.D. Jr. on N. and H.M.D. on S. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
57.70	Wood road, bears N.W. and S.E.
58.75	Water ditch, 3 lks. wide, 2 ins. deep, course S.E.
71.51	Top of ridge, 150 ft. above canon, bears N.W. and S.E.; descend.
74.01	Intersect boundary of Hugh M. Dougall's P.S.C., 18.75 chs. N. 50° 20' W. from ½ mile cor. Set a sandstone, 20 x 9 x 8 ins., 15 ins. in the ground, for closing cor. of 3 and 4, marked C.C. H.M.D. on N. face; and raise a mound of

Chains	
	stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
80.00	The cor. of secs. 3, 4, 9, and 10.
	Land, mountainous.
	Soil, gravelly; 2nd rate.
	No timber.
	Undergrowth, oak, maple, and service-berry.
	Good grass for graging.
	Mountainous land, or land covered with dense undergrowth, 8000 chs.
	October 31, 1899.

November 1, 1899: At 8h 30m a. m., l. m. t., we set off 40° 09' N., on the lat. arc; 14° 28' S., on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 32 and 33, on S. bdy. of Tp., heretofore described.

Thence we run

N. 0° 03' W., bet. secs. 32 and 33.

Over mountainous land; through dense undergrowth; ascend.

5.00	Top of spur, 10 ft. above cor., bears N. E. and S. W.; descend.
13.00	Creek, 3 lks. wide, 2 ins. deep, in canon 125 ft. below spur, course N. 30° W., enter cottonwood and maple timber, bears N. 30° W. and S. 30° E.
15.00	Water ditch, 4 lks. wide, course W.; enter ttom of Hobble Creek Canon, bears E. and W.
17.00	Hobble Creek, 30 lks. wide, 1 ft. deep, rocky bottom, rapid current, course S. 80° W.
27.28	Wire fence, bears E. and W.; leave timber and enter cultivated land, bears E. and W.
33.00	Pole fence, bears N. 30° W. and S. 30° E.

Chains	
39.99	Fence, bears E. and W. Intersect bound of George G. Kelly's P.S.C., at angle cor. No. 6, heretofore described; which is also angle cor. No. 2 on Cyrus N. Sanford's P.S.C.; this cor. is 4.23 chs. E. of angle cor. No. 2 on Miles L. Crandall's P.S.C., we mark it c.c. g.g. X. on S., and M.S.C. on N. faces, for closing cor. of secs. 32 and 33.
	The ¼ sec. cor. point will fall in road, therefore
	We mark the cor. W.C. ¼ on W. face, for witness cor. to ¼ sec. cor.
40.00	The point for ¼ sec. cor. falls in road.
	Deposit a marked stone, 24 ins. in the ground, for ¼ sec. cor.
40.50	Pole fence, bears E. and W.; enters cultivated field, bears E. and W.
56.00	Fence, bears N. 10° E. and S. 10° W.; leave cultivated field, bears N. 10° E. and S. 10° W.
56.50	Road in canon, bears N. 10° E. and S. 10° W., enters dense undergrowth, bears with road.
80.00	Set a quartzite stone, 18 x 12 x 8 ins., 12 ins. in the ground, for cor. of secs. 28, 29, 32, and 33, marked with 1 notch on S. and 4 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
50.76 / 29.24	Land, mountainous and level.
	Soil, black and gravelly loam; 1st and 2nd rate.
	Timber, cottonwood.
	Undergrowth, oak.
	Good grass for grazing.
	Mountainous or heavily timbered land, or land covered with dense undergrowth, 50.76 chs.

East, on a random line bet. secs. 28 and 33.

Chains	
40.00	Set temp. ¼ sec. cor.
50.00	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 27, 28, 33, and 34. Thence we run S. 89° 58' W., on a true line bet. secs. 28 and 33. Over mountainous land, through scattering undergrowth; descend.
10.00	Bottom of hollow, 30 ft. below cor., course S. 10° E.; ascend.
36.00	Top of divide ridge bet. right hand fork and main Hobble Creek Canon, 50 ft. above hollow, bears N. 10° E. and S. 10° W.; enter dense undergrowth, descend abruptly.
40.00	Set a quartzite stone, 20 x 12 x 4 ins., 15 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stones, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
51.67	Intersect boundary of Milan & Crandall's P. S. C., 4.44 chs. S. of angle cor. No. 8. Set a sandstone, 14 x 6 x 6 ins., 11 ins. in the ground, for closing cor. of secs. 28 and 33, marked C. C. on E., and M. S. C. on W. faces; and raise a mound of stones, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
63.00	Foot of descent, bears N. W. and S.; enter canon bottom.
68.75	Hobble Creek, 20 lks. wide, 3 ins. deep, course S.
71.50	Leave undergrowth and enter cultivated field, bears N. and S.
79.00	Fence, bears N. and S.; leave cultivated field and enter dense undergrowth.
79.25	Road in canon, bears N. and S.
80.00	The cor. of secs. 28, 29, 32, and 33. Land, mountainous and brush. Soil, black and gravelly loam; 1 pt

Chains

and 2nd rate.
No timber.
Undergrowth, oak, maple, and sage.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 8.00 chs.
November 1, 1899: At this cor. we set off 14° 32' S., on the decl. arc, and at 0h 4m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 10' N.

N. 0° 03' W., bet. secs. 28 and 29.
Over level land; through dense undergrowth.

12.00 Road in cañon, bears N. 10° W. and S. 10° E.
12.25 Fence, bears N. 10° W. and S. 10° E.; leave undergrowth and enter cultivated field, bears with fence.
19.75 Fence, bears E. and W.
22.77 Fence, bears E. and W.
23.17 Fence, bears E. and W.
25.41 Fence, bears N. 84° W. and S. 84° E.
Intersect boundary of Milan L. Crandall's P. S. C., 1.75 chs. N. 83° 58' W. from angle cor. No. 5, and 3.63 chs. N. 83° 58' W. from beginning cor. on Alma Rowland's P. S. C. Set a cobblestone, 14 x 8 x 7 ins., 9 ins. in the ground, for closing cor. of secs. 28 and 29, marked C. C. M. S. C. on S., and C. R. on N. faces; and raise a mound of stones, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.
41.00 Set a sandstone, 18 x 10 x 6 ins., 12 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stones, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
41.50 Irrigating ditch, 5 lks. wide, course S. 20° W.
49.09 Spring branch, 2 lks. wide, course S. 15° W.

Chains	
79.73	Fence, bears N 88° W and S. 85° E. Intersect boundary of Alma Roylance's P.S.C., 6.24 chs. S. 5.5° E., from 1/4 mile cor., and 631 chs. S. 8.5° E., from angle cor. No. 9 on George L. McKenzie's P.S.C.
	Set a cobble stone, 10 x 9 x 7 ins., 11 ins. in the ground, for closing cor. of secs. 28 and 29, marked C.C. A.R. on S., and G.L. McK. on N. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.
79.13	Irrigating ditch, 4 lks. wide, course S. 75° E.
80.00	Set a limestone, 30 x 12 x 4 ins., 22 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked with 2 notches on S. and 4 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, level.
	Soil, black loam; 1st rate.
	No timber.
	Undergrowth, oak, maples, and service berry.
	Good grass for grazing.
	Land covered with dense undergrowth.
12.25	chs.

	N. 89° 58' E., on a random line bet. secs. 21 and 28.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 21, 22, 27, and 28.
	Thence we run
	West, on a true line bet. secs. 21 and 28.
	Over mountainous land, through dense undergrowth; ascend.
8.25	Top of divide ridge, bet. right hand

Chains	
	fork and main Hobble Creek Canon, 70 ft. above cor., bears N. 30° E. and S. 30° W.; descend.
35.50	Bottom of hollow, 300 ft. below ridge, course S. 70° W.; ascend.
40.00	Set a sandstone, 15 x 12 x 5 ins., 10 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
41.28	Intersect boundary of George L. McKenzie's P. L. C., 2.41 chs. S. of angle cor. No. 3. and ½ mile cor. Set a blue limestone, 16 x 9 x 5 ins., 11 ins. in the ground, for closing cor. of secs. 21 and 28, marked c. c. on E., and G. L. McK. on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
48.50	Top of spur, 75 ft. above hollow; bears N. 50° E. and S. 50° W.; descend.
63.00	Foot of mountain, bears N. and S.; enter bottom of canon.
66.00	Hobble Creek, 20 lks. wide, 6 ins. deep, course S. W.; leave undergrowth and enter cultivated land.
80.00	The cor. of secs. 20, 21, 28, and 29.
66 14	Land, mountainous and level. Soil, black loam and gravelly; 1st and 3rd rate. No timber. Undergrowth, oak and maple. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 66.00 chs.

November 1, 1899.

November 2, 1899: At 8h 30m a. m., l. m. t., we set off 40° 11' N., on the lat. arc; 14° 47' S., on the decl. arc; and determine a true

Ch
meridian with the solar, at the cor. of
secs. 20, 21, 28, and 29.
Thence we run
N. 0° 03' W., bet. secs. 20 and 21.
Over level land, through cultivated
field.
0.37 Irrigating ditch, 3 lks. wide, course S. 30° W.
2.70 Wire fence, bears N. 30° E. and S. 30° W.;
leave cultivated land, and enter
dense undergrowth, bears with fence.
3.10 Road in canon, bears N. 10° E. and S. 10° W.
9.50 Begin ascent of ridge, bears N. 10° E. and
S. 10° W.
9.70 Intersect boundary of George L. McKenzie's
P. L. C., at the beginning cor.; which is
angle cor. No. 6 on William Gallup's
P. L. C., we mark it c. c. G. L. McK. on S.,
and W. G. on N. faces; for closing cor.
of secs. 20 and 21.
35.00 Top of spur, bears E. and W.; descend.
40.00 Set a sandstone, 14 x 14 x 8 ins., 9 ins. in
the ground, for ± sec. cor.; marked
± on W. face; and raise a mound
of stone, 2 ft. base, 1½ ft. high, W. of
cor. Pits impracticable.
41.25 Foot of descent, bears E. and W.; enter
canon bottom.
41.30 Road, bears E. and W.
41.75 Wash from Pole Heaven Canon, 10 lks.
wide, course S. 20° E.
42.02 Fence, bears N. 80° W. and S. 80° E. Enter
cultivated field.
43.75 Intersect boundary of William Gallup's
P. L. C., at the beginning cor.; which is
cor. No. 8 on James Holley's P. L. C.,
heretofore described, we mark it c. c. W.
G. on S., and J. H. on N. faces) for closing
cor. of secs. 20 and 21.
49.00 Leave cultivated field, and enter
dense undergrowth, bears E. and W.;
begin ascent.

Chains

44.65 Irrigating ditch, 4 lks. wide, course E.

51.30 Top of ascent, bears E. and W.; thence over bench.

51.35 Intersect boundary of James Holley's P. S. C., at angle cor. No. 12; which is angle cor. No. 15 on John J. Barker's P. S. C., heretofore described, we mark it C. C. J. H. on S., and J. J. B. on N. faces, for closing cor. of secs. 20 and 21. Thence along claim boundary.

53.50 The beginning cor. on James Holley's P. S. C.; and angle cor. No. 14 on John J. Barker's P. S. C., heretofore described, we mark it C. C. J. H. on S., and J. J. B. on N. faces, for closing cor. of secs. 20 and 21.

57.00 Fence, bears N. 20° E. and S. 20° W.

65.00 Leave brush and enter cultivated land, bears E. and W.

70.00 Leave cultivated land and enter dense undergrowth; bears E. and W.

80.00 Set a sandstone, 16 x 10 x 8 ins., in the ground, for cor. of secs. 16, 17, 20, and 21, marked with 3 notches on S., and 4 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black loam and gravelly loam; 1st and 2nd rate.

No timber.

Undergrowth, oak.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 68.32 chs.

East, on a random line bet. secs. 16 and 21.

Subdivision of T. 7 S., R. 4 E. – Continued.

Chains	
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line at the cor. of secs. 15, 16, 21, and 22. Thence we run West, on a true line bet. secs. 16 and 21. Over mountainous land; through dense undergrowth; descend.
3.00	Bottom of hollow, 20 ft. below cor., course S. 10° W.; ascend.
8.00	Top of spur, 50 ft. above hollow, bears N. E. and S. W.; descend.
12.19	Intersect boundary of Hugh B. Wing's P. L. C., 5.50 chs. N. of 1½ mile cor. Set a limestone, 18 x 8 x 6 ins., 12 ins. in the ground, for closing cor. of secs. 16 and 21, marked c.c. on E., and H. B. W. on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
40.03	Set a quartzite stone, 18 x 10 x 6 ins., 12 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
45.00	Hobble Creek, 20 lks. wide, 5 ins. deep, rapid current, course S.; ascend.
45.90	Fence, bears N. and S.
46.00	Road in canon, bears N. and S.
47.00	Top of ascent, bears N. and S.; thence across flat.
49.98	Fence, bears N. 24° 35' E. and S. 24° 35' W. Intersect boundary of Hugh B. Wing's P. L. C., 4.67 chs. N. 24° 35' E. from angle cor. No. 3; which is angle cor. No. 6 on Erastus Z. Clark's P. L. C. Set a quartzite stone, 18 x 10 x 8 ins., 12 ins. in the ground, for closing cor. of secs. 16 and 21, marked c.c. H. B. W. on E., and E. Z. C. on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits

Chains	
	impracticable.
55.52	Fence, bears N. 38°09' W. and S. 38°09' E.
55.72	Intersect boundary of Eustus Z. Clark's P. S. C., 5.41 chs. N. 38°09' W. from 1 mile cor.; and 7.64 chs. N. 38°09' W. from angle cor. No. 16, on Orson H. Mower's P. S. C. Set a quartzite stone, 22 x 12 x 6 ins., 16 ins. in the ground, for closing cor. of secs. 16 and 21, marked c. c. E. Z. C. on E., and O. H. M. on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
55.82	Fence, bears N. 38°09' W. and S. 38°09' E.
64.00	Bartholomew Creek, 10 lks. wide, 3 ins. deep, rapid current, course S. 40° E.
	Leave undergrowth and enter cultivated land, bears N. 40° W. and S. 40° E.
74.00	Leave cultivated land and enter dense undergrowth, bears N. and S.
77.79	Intersect boundary of Orson H. Mower's P. S. C., 8.06 chs. S. 7°23' E. from angle cor. No. 2; which is angle cor. No. 12 on John J. Barker's P. S. C. Set a quartzite stone, 22 x 10 x 5 ins., 16 ins. in the ground for closing cor. of secs. 16 and 21, marked c. c. O. H. M. on E., and J. J. B. on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
80.06	The cor. of secs. 16, 17, 20, and 21.
	Land, mountainous and level.
70.00/10.06	Soil, black loam and gravelly; 1st and 2nd rate.
	No timber.
	Undergrowth, oak and maple.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 70.00 chs.
	November 2, 1899: At this cor. we set off 14° 51' S., on the decl. arc; and at 0h 3m p. m., l. m. t., observe the sun on the

Chains	
	meridian, the resulting lat. is 40°12' N.
	N. 0°03' W., bet. secs. 16 and 17.
	Over level land; through dense undergrowth.
9.86	Intersect boundary of John J. Barker's P. S. C., 2.25 chs. N. 33°30' W. from angle cor. No. 12; which is angle cor. No. 2 on Orson H. Mower's P. S. C., Set a sandstone, 20x20x20 ins., 15 ins. in the ground, for closing cor. of secs. 16 and 17, marked C.C. J. J. B. on S., and O. H. M. on N. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.
14.00	Leave undergrowth and enter cultivated land, bears N. 20° W. and S. 20° E.
25.25	Leave cultivated land and enter dense undergrowth, bears N.W. and S.E.
27.40	Fence, bears N. 80°52' E. and S. 80°52' W.
	Intersect boundary of Orson H. Mower's P. S. C., 0.50 chs. S. 80°52' W. from angle cor. No. 6; which is angle cor. No. 8 on John J. Barker's P. S. C. Set a sandstone, 20x10x6 ins., 15 ins. in the ground, for closing cor. of secs. 16 and 17, marked C.C. O. H. M. on S., and J. J. B. on N. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.
31.26	Intersect boundary of John J. Barker's P. S. C., 8.91 chs. W. of 2½ mile cor.; and 9.67 chs. W. of angle cor. No. 2 on Oscar Anderson's P. S. C. Set a quartzite stone, 20x12x8 ins., 15 ins. in the ground, for closing cor. of secs. 16 and 17, marked C.C. J. J. B. on S., and O. A. on N. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.
32.89	Fence, bears E. and W.
36.50	Road, bears N.W. and S.E.

Chains	
37.55	Fence, bears N.W. and S.E.
40.00	Set a cobble stone, 14x12x6 ins., 9 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; from which A maple, 4 ins. diam., bears N. 60° E., 5 lks. dist., marked ¼ S. 16, B. T. A cottonwood, 5 ins. diam., bears N. 50° W., 10 lks. dist., marked ¼ S. 17, B. T.
41.60	Bartholomew creek, 15 lks. wide, 6 ins. deep, rapid current, course S.E.
43.30	Fence, bears E. and W.
51.00	Fence, bears N. 20° W. and S. 20° E. Begin ascent of mountain, bears N. 20° W. and
51.20	Road, bears N. 20° W. and S. 20° E.
72.10	Intersect boundary of Oscar Anderson's P.L.C., 9.70 chs. West of beginning cor. Set a sandstone, 18x9x7 ins., 12 ins. in the ground, for closing cor. of secs. 16 and 17, marked c.c. O.A. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.
80.00	Set a quartzite stone, 20x10x7 ins., 15 ins. in the ground, for cor. of secs 8, 9, 16, and 17, marked with 4 notches on S., and E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable Sand, mountainous and level. Soil, black loam and gravelly; 1st and 3rd rate. No timber. Undergrowth, oak, maple, cottonw and choke-cherry. Good grass for grazing. Mountainous land, or land cover with dense undergrowth, 68.75 chs.
	East, on a random line bet. secs

Chains	9 and 16.
40.00	Set temp. ¼ sec. cor.
79.70	Intersect N. and S. line, at ± the cor. of secs. 9, 10, 15, and 16. Thence we run West, on a true line bet. secs. 9 and 16. Over mountainous land; through dense undergrowth; descend.
1.75	Foot of descent, bears N. 20° E. and S. 20° W. Enter bottom of Hobble Creek Canon. Enter scattering cottonwood timber.
5.00	Hobble Creek, 20 lks. wide, 8 ins. deep, rapid current, course S. 30° W.
5.75	Leave timber and enter cultivated land, bears N. 30° E. and S. 30° W. to fence.
7.80	Sarah Elizabeth Strong's house bears S., 5 lks. dist.
12.10	Pole fence, bears N. 20° E. and S. 20° W.; leave cultivated land.
12.30	Road in canon, bears N. 20° E. and S. 20° W.; begin ascent of mountain, bears N. 20° E. and S. 20° W. Enter dense undergrowth.
29.22	Intersect boundary of Sarah Elizabeth Strong's P. S. C., 3.42 chs. N. from 1 mile cor. Set a hard sandstone, 20 x 10 x 5 ins., 15 ins. in the ground, for closing cor. of secs. 9 and 16, marked C. C. S. E. S. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
39.85	Set a quartzite stone, 14 x 8 x 6 ins., 9 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
41.65	Top of ridge, 400 ft. above canon, bears N. 20° W. and S. 20° E.; descend gently.
55.50	Swale, 30 ft. below ridge, course S. 5° E.; ascend.
58.25	Top of ridge, 35 ft. above swale, bears

Chains	
	N. 25° E. and S. 25° W.; descend.
65.00	Bottom of hollow, 180 ft. below ridge, course S. 30° W.; ascend.
73.00	Top of ridge, 100 ft. above hollow, bears N. 30° E. and S. 30° W.; descend.
79.70	The cor. of secs. 8, 9, 16, and 17.

Land, mountainous and level.
Soil, black loam, gravelly, and rocky; 1st, 3rd, and 4th rate.
Timber, scattering cottonwood.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 79.70 chs.

November 2, 1899.

November 3, 1899: At 8h 30m a. m., l. m. t., we set off 40° 13' N., on the lat. arc; 15° 06' S., on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 8, 9, 16, and 17.
Thence we run
N. 0° 03' W., bet. secs. 8 and 9.
Over mountainous land; through dense undergrowth; ascend.

Chains	
20.00	Top of ridge, 100 ft. above cor., bears E. and W.; descend.
40.00	Set a quartzite stone, 20 x 10 x 6 ins., 15 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
73.50	Bottom of hollow, 150 ft. below ridge, course S. 60° E.; ascend.
80.00	Set a limestone, 18 x 10 x 6 ins., 12 ins. in the ground, for cor. of secs. 4, 5, 8, and 9, marked with 5 notches on S. and 4 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high,

Chains	
	W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly loam; 2nd rate.
	No timber.
	Undergrowth, oak and maple.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.
	November 3, 1899: At the noon hour the sky is overcast and solar observations are impossible.
	East, on a random line bet. secs. 4 and 9.
40.00	et temp. ¼ sec. cor.
79.84	ntersect N. and S. line, 5 lks. N. of cor. of secs. 3, 4, 9, and 10.
	Thence we run
	S. 89° 58' W., on a true line bet. secs. 4 and 9.
	Over mountainous land, through dense undergrowth; ascend.
12.00	Top of ridge, 60 ft. above cor., bears N. W. and S. E.; descend.
19.40	Bottom of hollow, 60 ft. below ridge; course S. E.; ascend.
27.50	Top of spur, 50 ft. above hollow, bears N. W. and S. E.; descend.
29.60	Bottom of hollow, 80 ft. below spur; course S. E.; ascend.
34.00	Top of ridge, 100 ft. above hollow, s N. and S.; descend gently.
39.92	et a sandstone, 14 x 10 x 6 ins., 9 ins. the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
79.84	The cor. of secs. 4, 5, 8, and 9.
	Land, mountainous.

Chains. Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land
covered with dense undergrowth, 79.84 chs.
Isaac N. Whitaker's house bears S. 50° E. 50.00 chs. dist.

N. 0°03' W., on a random line bet. secs.
4 and 5.
40.00 Set temp. ¼ sec. cor.
79.94 Intersect N. bdy. of T. 7 S., 12 lks. E. of
the cor. of secs. 4, 5, 32, and 33, heretofore
described.
Thence run
S. 0°08' E., on a true line bet. secs.
4 and 5.
Over mountainous land; through
dense undergrowth; descend.
17.00 Creek, 6 lks. wide, 5 ins. deep; rocky
bottom, rapid current, in bottom of
Whitamore Canon, 200 ft. below cor.,
course S. E.; ascend.
17.75 Old road in canon, bears N. W. and S. E.
34.94 Set a limestone, 18 x 8 x 5 ins., 12 ins.
in the ground, for ¼ sec. cor., marked
¼ on W. face; and raise a mound
of stone, 2 ft. base, 1½ ft. high, W. of cor.
Pits impracticable.
54.00 Top of ridge, 350 ft. above canon, bears
N. 80° E. and S. 80° W.; descend.
79.94 The cor. of secs. 4, 5, 8, and 9.
Land, mountainous.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land
covered with dense undergrowth 79.94 chs.

November 3, 1899.

Chains	
	November 4, 1899: At 8h 30m a. m., l. m. t., we set off 40° 09' N., on the lat. arc; 15° 24' S., on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 31 and 32, on S. bdy. of Tp., heretofore described.
	Thence we run
	N. 0° 04' W., bet. secs. 31 and 32.
	Over level cañon bottom; through dense undergrowth.
2.40	Hobble creek, 25 lks. wide, 15 ins. deep, rocky bottom, rapid current, course S. 80° W.
4.80	Road in cañon, bears E. and W.
5.55	Road in cañon, bears E. and W.
7.00	Road in cañon, bears N. E. and S. W.
13.00	Leave cañon and ascend, bears N. 80° E. and S. 80° W.
40.00	Set a quartzite stone, 18 x 12 x 5 ins., 12 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
56.75	Top of ridge, 600 ft. above cañon, bears N. W. and S. E.; descend.
63.25	Bottom of hollow, 100 ft. below ridge, course S. 60° E.; ascend.
73.00	Top of spur, 100 ft. above hollow, bears N. 60° W. and S. 60° E.; descend.
78.25	Bottom of hollow, 100 ft. below spur, course S. 60° E.; ascend.
80.00	Set a quartzite stone, 22 x 6 x 4 ins., 16 ins. in the ground, for cor. of 29, 30, 31, and 32, marked with 1 notch on S. and 5 notches on E. ges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	and, mountainous and level.

Chains	
	Soil, black loam and gravelly; 1st and 3rd rate.
	No timber.
	Undergrowth, oak, maple, sage, and larb.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.
	East, on a random line bet. secs. 29 and 32.
40.00	Set temp. ± sec. cor.
80.05	Intersect N. and S. line, 8 lks. S. of the cor. of secs. 28, 29, 32, and 33.
	Thence we run
	S. 89° 57' W., on a true line bet. secs. 29 and 32.
	Over level land; through dense undergrowth.
3.00	Begin ascent of mountain, bears N. and S.
4.00	Intersect boundary of Milan L. Crandall's P. S. C., 21.56 chs. N. of ½ mile cor. Set a sandstone, 16 x 9 x 8 ins., 11 ins. in the ground, for closing cor. of secs. 29 and 32, marked C. C. M. L. C. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
29.00	Top of ridge, 400 ft. above canon, bears N. 30° W. and S. 10° E.; descend.
39.95	Bottom of hollow, 30 ft. below ridge, course S. 55° W.; ascend.
40.92	Set a sandstone, 20 x 8 x 6 ins., 15 ins. in the ground, for ± sec. cor., marked ± on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
71.00	Top of ridge, 300 ft. above hollow; bears N. W. and S. E.; descend.
80.05	The cor. of secs. 29, 30, 31, and 32.

Chains	
	Sand, mountainous and level. Soil, black loam and gravelly; 1st and 3rd rate. No timber. Undergrowth, oak, maple, and chokecherry. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.05 chs. November 4, 1899: At the noon hour the sky is overcast and solar observations are impossible.
	West, on a random line bet. secs. 30 and 31.
40.00	Set temp. ± sec. cor.
102.08	Intersect W. bdy. of Tp. at the cor. of secs. 25, 30, 31, and 36, which is a maple tree, marked and witnessed as described by the surveyor general. Thence we run East, on a true line bet. secs. 30 and 31. Over mountainous land; through dense undergrowth; descend gently.
16.50	Bottom of Spring Canon, 50 ft. below cor., course S.W.; ascend.
44.75	Top of divide ridge bet. Spring Canon and Pole Heaven Canon, 300 ft. above canon, bears N. 65° E. and S. 65° W.; descend.
51.75	Bottom of hollow, 150 ft. below ridge, course S.; ascend.
61.00	Top of ridge, 100 ft. above hollow; bears N. and S.; descend.
62.08	Set a sandstone, 20 x 7 x 7 ins., 15 ins. in the ground, for ± sec. cor., marked ± on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
78.50	Bottom of hollow, 130 ft. below ridge,

Chains	
	course S.; ascend.
& 7.00	Top of peak, 30 ft. above hollow, bears N.W., S.E., and S.20°W.; descend.
— 102.08	The cor. of secs. 29. 30, 31, and 32.
	Land, mountainous.
	Soil, gravelly; 2nd rate.
	No timber.
	Undergrowth, oak, maple, and laurel.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 102.08 chs.

N. 0°04' W., bet. secs. 29 and 30.
Over mountainous land; through dense undergrowth; ascend.

11.00	Top of ridge, 100 ft. above cor., bears N.W. and S.E.; descend.
22.50	Bottom of hollow, 200 ft. below ridge, course S.E.; ascend.
40.00	The point for ¼ sec. cor. falls on a sandstone ledge, 18×12×12 ins., above ground, on which we Cut a cross (X) at the exact cor. point for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
50.00	Top of ridge, 300 ft. above hollow, bears N.60°E. and S.60°W.; descend.
— 80.00	Set a sandstone, 20×12×6 ins., 15 ins. in the ground, for cor. of secs. 19, 20, 29, and 30, marked with 2 notches on S. and 5 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, mountainous.
Soil, gravelly loam; 2nd rate.
No timber.

Chains	
	Undergrowth, oak, maple, and laurel. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs. November 4, 1899.
	November 5, 1899: At 8h 30m a. m., l. m. t., we set off 40° 11' N., on the lat. arc; 15° 43' S., on the decl. arc; and determine a true meridian, with the solar, at the cor. of secs. 19, 20, 29, and 30. Thence we run N. 89° 57' E., on a random line bet. secs. 20 and 29.
40.00	Set temp. ¼ sec. cor.
80.10	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 20, 21, 28, and 29. Thence we run S. 89° 58' W., on a true line bet. secs. 20 and 29. Over cultivated land.
0.55	Water ditch, 10 lks. wide, course S. 30° W.
1.50	Fence, bears N. 20° E. and S. 20° W.; leave cultivated land, and enter dense undergrowth.
1.80	Road in cañon, bears N. 20° E. and S. 20° W.
2.50	Begin ascent of mountain, bears N. and S.
14.50	Top of spur, 200 ft. above sec. cor., bears N. 70° W. and S. 70° E.; descend.
18.75	Bottom of hollow, 30 ft. below ridge, course S. 70° E.; ascend.
30.21	Intersect boundary of George L. McKenzie's P. S. C., 5.03 chs. S. of the 2 mile cor. Set a sandstone, 14 x 9 x 7 ins., 9 ins. in the ground, for closing cor. of secs. 20 and 29, marked C. C. G. L. McK. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft.

Subdivision of T. 7 S., R. 4 E.—Continued.

Chains	
	high, E. of cor. Pits impracticable.
40.05	Set a sandstone, 26 x 10 x 6 ins., 18 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
43.00	Top of spur, 150 ft. above hollow, bears N. E. and S. W.; descend.
76.00	Bottom of hollow, 500 ft. below spur, course N.; ascend.
80.10	The cor. of secs. 19, 20, 29, and 30.
78.60 / 1.50	Land, mountainous and level. Soil, black loam and gravelly; 1st and 3rd rate. No timber. Undergrowth, oak, service-berry, and maple. Good grass for grazing. Mountainous land, or land covered with dense undergrowth 78.60 chs.
	West, on a random line bet. secs. 19 and 30.
40.00	Set temp ¼ sec. cor.
102.26	Intersect W. bdy. of Tp. 17 lks. N. of the cor. of secs. 19, 24, 25, and 30, which is a sandstone, 9 x 24 x 8 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general. Thence we run N. 89°54' E., on a true line bet. secs. 19 and 30. Over mountainous land; through dense undergrowth; ascend.
22.26	Intersect bdy. of Ozias J. Strong's P.L.C. at 1½ mile cor.; for description of closing cor. see notes of Ozias J. Strong's
42.26	Intersect bdy. of Ozias J. Strong's P.L.C. 2009 Chs. N. of Beg. cor. and 1 mile cor. of Israel Fifield's P.L.C. see notes of
57.00	Top of ridge, 400 ft. above cor., bears N. 80° E. and S. 80° W.; descend.
62.26	Set a sandstone, 16 x 12 x 6 ins., 11

ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; from which
A maple, 5 ins. diam., bears N. 85° E., 72 lks. dist., marked ¼ S. 19, B. T.
A maple, 5 ins. diam., bears S. 15° W., 25 lks. dist., marked ¼ S. 30, B. T.

72.50 Bottom of Pole Heaven Canon, 300 ft. below ridge, course N. 80° E.; ascend gradually.

77.00 Road in canon, bears N. 80° E. and S. 80° W.

102.26 The cor. of secs. 19, 20, 29, and 30.
Land, mountainous.
Soil, gravelly loam and rocky; 2nd and 4th rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 102.26 chs.
November 5, 1879: At the noon hour the sky is overcast and solar observations are impossible.

N. 0° 04' W., bet. secs. 19 and 20.
Over mountainous land; through dense undergrowth; descend.

7.90 Road in canon, bears N. 70° E. and S. 70° W.

8.42 Pole fence, bears N. 70° E. and S. 70° W.

9.00 Bottom of Pole Heaven Canon, 250 ft. below sec. cor., course N. 70° E.; ascend gradually.

40.00 Set a quartzite stone, 18 x 10 x 8 ins., 12 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face, and
a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

40.30 Top of ridge, 150 ft. above canon

Chains	
	bears E. and W.; descend.
43.75	Bottom of hollow, 60 ft. below ridge, course S. 70° E.; ascend.
51.50	Top of ridge, 150 ft. above hollow, bears N. 70° W. and S. 70° E.; descend.
58.00	Hollow, 40 ft. below ridge, course S. 50° E.; ascend.
79.00	Top of ridge, 350 ft. above hollow, bears N. W. and S. E.; descend.
80.00	Set a limestone, 14 x 8 x 6 ins., 9 ins. in the ground, for cor. of secs. 17, 18, 19, and 20, marked with 3 notches on S. and 5 notches on E. edges; and raised mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, clay loam and gravelly; 2nd and 3rd rate.
	No timber.
	Undergrowth, oak and maple.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.

	N. 89° 58' E., on a random line bet. secs. 17 and 20.
40.00	Set temp. ± sec. cor.
80.06	Intersect N. and S. line, 5 lks. N. of cor. of secs. 16, 17, 20, and 21.
	Thence we run
	West, on a true line bet. secs. 17 and 20.
	Over level land, through dense undergrowth.
1.00	Leave undergrowth and enter cultivated land, bears N. and S.
5.00	Leave cultivated land and enter

Subdivision of T. 7 S., R. 4 E.- Continued.

Chains	
	dense undergrowth, bears N. and S. Ascend mountain.
16.00	Top of ridge 40 ft. above cor., bears N. and S.; descend.
21.00	Bottom of hollow, 25 ft. below ridge, course S. 60° E.; ascend.
27.69	Intersect boundary of John T. Barker's private land claim, 16.12 chs. N. of 1½ mile cor. Set a sandstone, 18×10×6 ins., 12 ins. in the ground, for closing cor. of secs. 17 and 20, marked C.C.J.T.B. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
30.00	Fence, bears N. E. and S. W.
37.00	Top of ridge, 40 ft. above hollow, bears N. 60° W. and S. 60° E.; descend.
40.03	Set a sandstone, 15×9×5 ins., 10 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
50.00	Intersect boundary of James H. Holley's private land claim, at angle cor. No. 6 "tract 1" heretofore described; we mark it C.C. on E. and J.H.H. on W. faces. Thence along claim boundary.
53.75	Creek, 2 lks. wide, 2 ins. deep, in cañon, 150 ft. below ridge, course S. E.; ascend.
62.50	Top of ridge, 200 ft. above cañon, bears N. E. and S. W.; descend.
69.75	Bottom of hollow, 20 ft. below ridge, course S. E.; ascend.
73.94	Intersect angle cor. No. 5 on James H. Holley's P. L. C., heretofore described, We mark it C.C. on W. and J.H.H. on E. ; and raise a mound of stone, 2 ft. , 1½ ft. high, E. of cor. Pits impracticable.
80.06	The cor. of secs. 17, 18, 19, and 20.
7606/40	Land, mountainous and level.

Subdivision of T. 7 S., R. 4 E.—Continued.

Chains	
	Soil, black and gravelly loam; 1st and 2nd rate.
	No timber.
	Undergrowth, oak and sage.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 7606 chs
	November 5, 1899.
	November 6, 1899: At 8h 32m a. m., l. my. t. we set off 40° 12' N., on the lat. arc; 16° 01' S., on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 17, 18, 19, and 20.
	Thence we run
	S. 89° 54' W., on a random line bet. secs. 18 and 19.
40.00	Set temp. ± sec. cor.
102.43	Intersect W. bdy. of Tp., 12 lks. S. of cor. of secs. 13, 18, 19, and 24, which is a sandstone, 6 x 18 x 12 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general.
	Thence we run
	N. 89° 58' E., on a true line bet. secs. 18 and 19.
	Over mountainous land, through dense undergrowth; descend gradually
38.70	Bottom of cañon, 250 ft. below cor., course S. 60° E.; ascend.
62.43	Top of ridge, 250 ft. above cañon, bears N. 15° W. and S. 15° E.
	Set a quartzite stone, 18 x 8 x 6 ins., 12 ins. in the ground, for ± sec. cor., marked ± on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high; N. of cor. Pits impracticable. Descend.
69.10	Bottom of hollow, 100 ft. below ridge, course S. 15° E.; ascend.

Subdivision of T. 7 S., R. 4 E.- Continued.

Chains	
51.00	Top of ridge, 150 ft. above hollow, bears N. 30° W. and S. 30° E.; descend.
86.60	Bottom of hollow, 200 ft. below ridge, course S. 30° E.; ascend.
101.43	Top of ridge, 400 ft. above hollow, bears N.W. and S.E.; descend.
102.43	The cor. of secs. 17, 18, 19, and 20.
	Land, mountainous.
	Soil, black loam and gravelly; 1st and 3rd rate.
	No timber.
	Undergrowth, oak, maple, and larch.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 102.43 chs.

	N. 0° 04' W., bet. secs. 17 and 18.
	Over mountainous land; through dense undergrowth; descend.
33.00	Bottom of cañon, 100 ft. below cor., course S. 50° E.; ascend.
40.00	Set a quartzite stone, 14x8x6 ins., 9 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
71.30	Top of ridge, 1150 ft. above cañon, bears N. W. and S. E.; descend.
80.00	Set a sandstone, 20x9x8 ins., 15 ins. in the ground, for cor. of secs. 7, 8, 17, and 18, marked with 4 notches on S. and 5 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, clay loam and gravelly; 2nd and 3rd rate.
	No timber.
	dergrowth, oak and maple.

Chains	
	Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs. November 6, 1899; At this cor. we set off 16° 05' E., on the decl. arc; and at 0h 3m p. m. l. m. t., observe the sun on the meridian, the resulting lat. is 40° 13' N., which is the proper lat. nearly.
	East, on a random line bet. secs. 8 and 17
40.00	Set temp. ¼ sec. cor.
80.12	Intersect N. and S. line, 6 lks. N. of the cor. of secs. 8, 9, 16, and 17. Thence we run N. 89° 57' W., on a true line bet. secs. 8 and 17. Over mountainous land, through dense undergrowth; descend.
27.75	Road in canon, bears N. W. and S. E.
28.10	Creek, 20 lks. wide, 6 ins. deep, in bottom of Bartholomew Canon, 175 ft. below sec. cor., course S. E.; ascend.
35.00	Road, bears N. W. and S. E.
40.06	Set a sandstone, 14 x 12 x 6 ins., 9 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
80.12	The cor. of secs. 7, 8, 17, and 18. Land, mountainous. Soil, gravelly; 2nd rate. No timber. Undergrowth, oak and maple. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.12 chs.
	S. 89° 58' W., on a random line bet. secs.

Chains	7 and 18:
40.00	Set temp. ¼ sec. cor.
102.66	Intersect W. bdy. of Tp., at the cor. of secs. 7, 12, 13, and 18, which is a sand-stone, 8 x 12 x 8 ins., above ground, firmly set and marked and witnessed as described by the surveyor general. Thence we run N. 89° 58' E., on a true line bet. secs. 7 and 18. Over mountainous land; through dense undergrowth; descend.
25.00	Bottom of hollow, 250 ft. below sec. cor.; course N. E.; ascend.
51.00	Top of ridge, 300 ft. above hollow, bears N. E. and S. W.; descend.
62.66	Set a sandstone, 15 x 8 x 9 ins., 10 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
78.00	Bottom of hollow, 200 ft. below ridge, course N. E.; ascend.
86.00	Top of ridge, 250 ft. above hollow, bears N. E. and S. W.; descend.
102.66	The cor. of secs. 7, 8, 17, and 18: Land, mountainous. Soil, gravelly; 2nd rate. No timber. Undergrowth, oak, maple, and larch. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 102.66 chs.

November 6, 1899.

November 7, 1899: At 8h 3m a. m., l. m. t., we set off 40° 13' N., on the lat. arc; 16° 19' S. on the decl. arc; and determine a

Chains	
	true meridian, with the solar, at the cor. of secs. 7, 8, 17, and 18.
	Thence we run
	N. 0° 04' W., bet. secs. 7 and 8.
	Over mountainous land; through dense undergrowth; descend.
4.00	Bottom of hollow, 20 ft. below cor., course E.; ascend.
8.00	Top of spur, 60 ft. above hollow, bears E. and W.; descend.
13.25	Bottom of hollow, 100 ft. below ridge, course E.; ascend.
18.50	Top of spur, 70 ft. above hollow, bears N. 63° E. and S. 63° W.; descend.
20.00	Enter aspen timber, bears N. 65° E. and S. 65° W.
39.50	Bottom of cañon, 100 ft. below spur, course S. 65° E.; ascend.
39.60	Leave aspen timber, bears E. and W.
40.00	Set a limestone, 14 x 8 x 4 ins., 9 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
47.00	Top of spur, 50 ft. above ¼ sec. cor., bears N. 85° W. and S. 85° E.; descend.
56.00	Creek, 15 lks. wide, 6 ins. deep, in bottom of Bartholomew's Cañon, 300 ft. below spur, course S. 85° E.; ascend.
80.00	Set a sandstone, 15 x 9 x 6 ins., 12 ins. in the ground, for cor. of secs. 5, 6, 7, and 8; marked with 5 notches on S. and 5 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly; 3rd rate.
	Timber, aspen.
	Undergrowth, oak.
	Good grass for grazing.
	Mountainous land, or land covered

Chains	
	with dense undergrowth, 80.00 chs.
	S. 89° 57' E., on a random line bet. secs. 5 and 8.
40.00	Set temp. ± sec. cor.
50.10	Intersect N. and S. line, 3 lks. N. of the cor. of secs. 4, 5, 8, and 9.
	Thence we run
	N. 89° 56' W., on a true line bet. secs. 5 and 8.
	Over mountainous land; through dense undergrowth; ascend.
38.00	Top of ridge, 200 ft. above sec. cor., bears N. and S.; descend.
40.05	Set a sandstone, 16 x 12 x 6 ins., 11 ins. in the ground, for ± sec. cor., marked on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
51.80	Bottom of branch of Bartholomew's Cañon, 100 ft. below ridge, course S.; ascend.
67.50	Top of spur, 100 ft. above cañon, N. W. and S. E.; descend.
80.10	The cor. of secs. 5, 6, 7, and 8.
	Land, mountainous.
	Soil, gravelly loam; 2nd rate.
	No timber.
	Undergrowth, oak and maple.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.10 chs.
	7, 1899; At the noon hour the sky is overcast and solar obare impossible.
	S. 89° 58' W., on a random line bet. secs.

Chains	
	6 and 7.
40.00	Set temp. ¼ sec. cor.
102.80	Intersect W. bdy. of Tp. at the cor. of secs. 1, 6, 7, and 12, which is a sandstone, 6 x 12 x 5 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general.
	Thence we run
	N. 89° 58' E., on a true line bet. secs. 6 and 7.
	Over mountainous land; through dense undergrowth; descend.
50.00	Bottom of hollow, 300 ft. below cor., course S. E.; ascend.
62.50	Set a sandstone, 18 x 9 x 7 ins., 12 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
65.00	Top of spur, 100 ft. above hollow, bears N. W. and S. E.; descend.
86.00	Bottom of hollow, 200 ft. below spur, course S. E.; ascend.
102.80	The cor. of secs. 5, 6, 7, and 8.
	Land, mountainous.
	Soil, gravelly loam and rocky; 2nd and 4th rate.
	No timber.
	Undergrowth, oak, maple, and larch.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 102.80 chs.
	N. 0° 04' W., on a random line bet. secs. 5 and 6.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. bdy. of Tp. 9 lks. E. of cor. of secs. 5, 6, 31, and 32, heretofore described.
	Thence we run

Chains S. 0° 08' E., on a true line bet. secs. 5 and 6.
Over mountainous land; through dense undergrowth; ascend.
20.00 Top of ridge, 200 ft. above cor., bears N. W. and S. E.; descend.
38.00 Bottom of branch of Bartholemew's Canon, 250 ft. below ridge, course S. 30° E.; ascend.
40.06 Set a quartzite stone, 16 x 9 x 6 ins., 11 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
68.25 Top of ridge, 200 ft. above canon, bears N. 80° W. and S. 80° E.; descend.
80.06 The cor. of secs. 5, 6, 7, and 8.
Land, mountainous.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak, maple, and serviceberry.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.06 chs.

November 7, 1894.

Notes:
Louisa M. Johnson's, Jesse Fifield's and Ezias J. Strong's private land claims were surveyed after the subdivision of this twp.

General Description

This township is nearly all mountainous land, except along the bottom of Hobble Creek Canon; and the soil ranges from rich black loam to rocks. The soil of the canon bottom and the benches is rich black loam; capable of producing abundant crops without irrigation. The soil of the remaining portion of the township, (excepting a few rocky ridges) can nearly all be classed as 2nd rate. The entire township is covered with

Subdivision of T. 7 S. R. 4 E. Concluded.

Claims an abundant and rich and nutritious grasses and dense undergrowth, and is very well adapted for grazing.

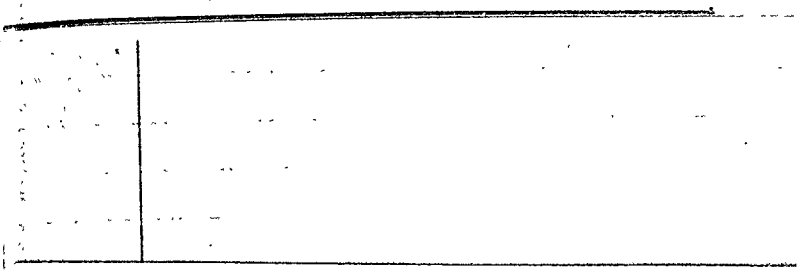
There is a very little cottonwood timber along Hobble Creek.

There is no mineral in the township.

The township is exceptionally well watered by Hobble Creek and its many tributaries.

There are 34 private land claims in the township.

Scott R. Stewart
John R. Stewart.
U. S. Deputy Surveyors.



BLANK

PAGE

BLANK

PAGE

Boundary of Elizabeth Kelly's private land claim:
Elizabeth Kelly, having duly presented her claim and proofs of a 20 years adverse possession of a tract of land in Tps. 7 and 8 S., R. 4 E., we proceed in accordance with special instructions to establish the boundary as follows:

At a point 10.49 chs. E. and 1.88 chs. S. of the closing corner of secs. 5 and 6 on N. bdy. of Tp. 8 S., R. 4 E. Set a quartzite stone, 18x10x6 ins., 12 ins. in the ground for beginning cor. marked E.K. Beg. 10 W. N.E. face; and raise a mound of stone, 2 ft. base 1½ ft. high, N.E. of cor. Pits impracticable.

August 30th 1899: At 7h 0m a.m., l.m., t. we set off 40° 09' N. on the Lat. arc; 8° 59' N. on the dec. arc, and determine a true meridian with the polar at the above described cor.

Thence we run in Tp. 8 S., R. 4 E. Over mountainous land through dense undergrowth, descend

North 14.00 chs. At 1.00 ch. Bobbie creek, 30 lks. wide 12 ins. deep course S. 60° W.; ascend gradually: At 1.88 chs., intersect N. bdy. of Tp. 10.49 chs. E. of sec. 5 and 6 Set a sandstone, 18x12x5 ins., 12 ins. in the ground for closing cor. marked C on W and E.K. on E. faces; and raise a mound of stone, 2 ft. base 1½ ft. high, W. of cor. Pits impracticable. Thence in Tp. 7 S., R. 4 E. At 3.80 chs. fence bears N. 20° W. and S. 20° E. At 7.94 chs. fence bears N. 60° E. and S. 60° W. At 9.40 chs. road bears N. 60° E. and S. 60° W. ascend Mountain. At 14.00 chs., set a sandstone 20x8x5 ins., 15 ins. in the ground, for angle cor. No 2 marked ∠ 2 E.K. on S.E. face; and raise a mound of stone 2 ft. base 1½ ft. high, S.E. of cor. Pits impracticable.

Thence along crest of mountain

N. 65° 55' E. 26.00 chs. Set a sand coated limestone, 18x8x5 ins., 12 ins. in the ground, for angle cor. No 3 and ¼ mile cor. marked E.K. ¼ 3, ¼ M. on S.W. face, and raise a mound of stone 2 ft. base 1½ ft. high S.W. of cor. Pits impracticable.

Thence descend mountain.

S. 18° 00' E. 40.00 chs. At 6.25 chs. road at foot of mountain, bears E. and W. At 6.65 chs. fence bears E. and W.; enter cultivated land. At 13.50 chs. leave cultivated land and enter dense undergrowth. bears E. and W. At 16.55 chs. Bobbie Creek 30 lks. wide 12 ins. deep. course N. 80° W. At 23.93 chs. intersect Tp. line 3.65 chs. E. of ¼ sec. cor. on South boundary of sec. 32 Tp. 7 S., R. 4 E. Set a sandstone, 16x9x5 ins., 11 ins.

in the ground, for closing cor. marked C.C. E. K on W. face; and raised a mound of stone, 2 ft. base 1½ ft. high N. of cor. Pits impracticable. at 26.00 chs. begin ascent bears E. and W. At 40.00 chs. set a quartzite stone 16x8x4 ins., 11 ins. in the ground, for 1 mile cor. marked E.K.1 M. on W. face, and raised a mound of stone, 2 ft. base 1½ ft. high W. of cor. Pits impracticable.

Land mountainous, and nearly level

Soil, sandy and gravelly; 1st and 2nd rate.

No timber

Undergrowth, oak and sage brush.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth 73.15 chs.

August 30th 1899. At the noon hour the sky is over cast, and solar observations are impossible

---

S. 18° 00' E. Over mountainous land through dense undergrowth 68.00 chs. At 12.00 chs. Top of ridge 150 ft. above hollow bears N. 80° W. and S. 80° E. descend. At 32.00 chs. hollow 80 ft. below ridge course N. 60° W. ascend along side of ridge. At 40.00 chs. set a sandstone, 18x10x9 ins., 12 ins. in the ground for 1½ mile cor. marked E.K. 1½ M. on W. face; and raised a mound of stone, 2 ft. base 1½ ft. high W. of cor. Pits impracticable. At 68.00 chs. set a sandstone, 14x7x6 ins. 9 ins. in the ground, for angle cor. No 4 marked E.K. < 4 on N.W. face, and raised a mound of stone 2 ft. base 1½ ft. high, N.W. of cor. Pits impracticable.

Thence descend.

W. 12.00 chs. At 2.50 chs. bottom of Grindstone Canon course N. 18° W. Ascend. At 12.00 chs. Set a sandstone, 16x6x5 ins. 11 ins in the ground, for angle cor. No 5 and 2 mile cor. marked E.K. 2 M. < 5, on N.E. face, and raised a mound of stone 2 ft. base 1½ ft. high. N.E. of cor. Pits impracticable

Land mountainous.

Soil, gravelly loam 2nd rate.

No timber, Good grass for grazing. undergrowth Oak and Maple

Mountainous land or land covered with dense undergrowth 80.00 chs.

Boundary of P. L. C. Tps. 7 and 8 S. R. 4 E. Continued

Over mountainous land, through dense undergrowth: descend.

N. 18°00' W. 80.00 Chs. At 10.00 Chs. Spring drain, 1 lb. wide 1 in. deep. course E. a small spring bears W. about 5.00 Chs. dist. At 40.00 Chs. top of ridge 30 ft. above hollow, bears E. and W.; descend. Set a blue limestone 18X8X6 ins. 12 ins. in the ground, for 2½ mile cor. marked E.K. ½. M. on E. face; and raise a mound of stone, 2 ft. base 1½ ft. high, E. of cor. Pits impracticable. At 49.00 Chs hollow 50 ft. below ridge course S. 80° E. Thence along side of mountain. At 80.00 Chs. set a red sandstone 16X8X5 ins. 11 ins. in ground for 3 mile cor. marked, E.K. 3 M. on E. face; and raise a mound of stone 2 ft. base 1½ ft. high. E. of cor. Pits impracticable

Land, mountainous.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth. Oak and maple.
Good grass for grazing
Mountainous land or land covered with dense undergrowth 80. chs

Thence over mountainous land, through dense undergrowth.

N. 18°00' W. 2.09 Chs. Set a sandstone, 18X8X4 ins. 12 ins. in the ground for angle cor. No 6 marked E.K. < 6. on N. E. face; and raise a mound of stone 2 ft. base 1½ ft. high N. E. of cor. Pits impracticable. Thence

West 19.74 Chs. The begining cor. of Elizabeth Kelly's private land claim

Land, mountainous.
21.83 Soil, gravelly loam; 2nd rate
No timber
Undergrowth; oak and maple
Good grass for grazing
Mountainous land, or land covered with dense undergrowth 21.83 Chs.

August 30th 1899

General Description

Elizabeth Kelly's private land claim, is located in sec.

Boundary P.L.C. Tps. 7 and 8 S., R. 4 E. - Concluded

52 Tp. 7 S. R. 4 E. and sec. 5 Tp. 8 S. R. 4 E. and lies in Cobble Creek and Grindstone Canons.

About 10.00 Acres of the claim has been cultivated as farm and garden, and is irrigated from Cobble Creek: the remainder of the claim is mostly used as pasture.

There is no timber on the claim.

Total area of claim 149.47 Acres

The value of the improvements about $100.00

Claimant's house was not seen from lines

Boundaries of Elizabeth Kellys private land claim

Latitudes departures and closing errors

True bearing.	Distance.	North.	South.	East.	West.
	Chains.	Chains.	Chains.	Chains.	Chains.
North.	14.00	14.00			
N. 65° 55' E.	26.00	10.61		23.74	
S. 18° 00' E.	108.00		102.71	33.37	
West.	12.00				12.00
N. 18° 00' W.	82.09	78.07			25.37
West.	19.74				19.74
Totals		102.68	102.71	57.11	57.11

Boundary of P.S.C. Tps. 7 and 8 S., R. 4 E.

Boundary of George G. Kelly's private land claim George G. Kelly, having duly presented his claim and proofs of 20 years adverse possession of a tract of land in Tps. 7 and 8 S., R. 4 E.; we proceed in accordance with Special instructions to establish the boundary as follows:

At a point 19.85 chs. N. and 2.80 chs. W. of the 1/4 sec cor. on S. bdy. of sec. 32, T. 7 S., R. 4 E.

We set a sandcoated limestone, 18X10X6 ins., 12 ins. in the ground, for beginning cor., marked Beg. Cor. I G. G. K. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

August 31, 1899. At 7h 0m a. m., l. m. t., we set off 40° 09' N., on the lat. arc, 8° 38' N., on the decl. arc; and determine a true meridian, with the solar, at the above described cor.

Thence we run

East 29.35 chs. Over mountainous land, through scattering brush. At 10.00 chs. water ditch, 6 lks. wide, course S. 70 W. At 28.00 chs. road at foot of mountain, bears N. 70° E. and S. 70° W. At 29.35 chs. set a sandstone, 30 X 10 X 8 ins., 22 ins. in the ground, for angle cor. No. 2, marked G. G. K. 2 on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable. From this cor. the N. E. cor. of George G. Kelly's frame house, 50 X 26 ft., bears S. 50° W. 2.16 chs.; the N. E. cor. of George G. Kelly's barn bears S. 40° W. 3.82 chs. dist.; it is 60 X 50 ft. a corral is S. W. of barn. Thence

N. 54° E. 17.80 chs. Set a sandstone, 20 X 8 X 6 ins., 15 ins. in the ground, for angle cor. No. 3, marked G. G. K. 3 on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable. Thence

north 10.27 chs. At 10 lks. water ditch, 6 lks. wide, course W. At 0.50 chs. road in Hobble Creek Canon, bears N. 20° E. and S. 20° W. At 2.85 chs. set a sandstone, 18 X 10 X 7 ins., 12 ins. in the ground, for ½ mile cor., marked G. G. K. ½ M. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. At 10.27 chs. Set a quartzite stone, 18 X 9 X 7 ins., 12 ins. in the ground, for angle cor. No. 4, marked G. G. K.

∠4 on S.E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. Thence

N. 27° E. 5.72 chs. At 2.50 chs. road - in canon, bears N. and S. At 5.72 chs. set a sandstone, 16 x 10 x 5 ins., 10 ins. in the ground, for angle cor. No. 5, marked G.G.K. ∠5 on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. Thence along fence, bears E. and W.

East 4.23 chs. Set a quartzite stone, 20 x 10 x 8 ins., 15 ins. in the ground, for angle cor. No. 6, marked G.G.K. ∠6 on S.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Thence along fence through cultivated land.

S. 9° 50' E. 12.55 chs. At 5.93 chs. leave cultivated land, enter dense undergrowth, bears E. and W. At 12.55 chs. set a quartzite stone, 20 x 10 x 8 ins., 15 ins. in the ground, for angle cor. No. 7 marked G.G.K. ∠7 on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Thence

S. 3° 43' E. 10.08 chs. At 9.15 chs. Hobble Creek 30 lks. wide, 12 ins. deep, course S. 40° W. At 10.08 chs. set a quartzite stone, 18 x 10 x 4 ins., 12 ins. in the ground, for 1 mile cor., marked G.G.K. 1 M. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, mountainous and level.
Soil, black loam and gravelly; 1st and 3rd rate.
No timber.
Undergrowth, oak, sage brush, and willows.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 44.70 chs.

Thence through dense undergrowth.

S. 3° 43' E. 5.12 chs. At 0.60 chs. water ditch, 3 lks. wide, course S. 80 W. At 1.20 chs. begin ascent of mountain, bears E. and W. At 5.12 chs. top of ridge, 100 ft. above creek, bears N. 80° W. and S. 80° E. set a quartzite stone, 18 x 10 x 6 ins., 12 ins. in the ground for angle cor. No. 8 marked G.G.K. ∠8 on W. face; and

raise a mound of stone 2 fr. base 1½ fr. high W. of cor. Pits impracticable. Thence descend.

S. 25° E. 35.03 Chs. At 13.53 Chs. intersect Tp. bdy. 6.65 Chs. E. of the closing cor. of sec. 4 and 5 Tp. 8 S. R. 4 E., Set a sandstone, 14 X 7 X 6 ins., 9 ins., in the ground, for closing corner, marked C.C. G.C. K. on W. face; and raise a mound of stone 2 fr. base, 1½ fr. high, W. of cor. Pits impracticable. At 34.88 Chs. set a sandstone 26 X 12 X 12 ins., 18 ins. in the ground, for 1½ mile cor. marked G.C. K. ¼ M on W. face; and raise a mound of stone 2 fr. base 1½ fr. high W. of cor. Pits impracticable; At 35.03 Chs. set a quartzite stone, 22 X 8 X 4 ins. 16 ins. in the ground, for angle cor. No. 9, marked G.C. K. < 9. on W. face; and raise a mound of stone, 2 fr. base, 1½ ft high W. of cor. Pits impracticable. Thence

South 26.25 Chs. Set a quartzite stone, 20 X 8 X 4 ins. 15 ins. in the ground, for angle cor., on No 10, marked G.C.K < 10 on N.W. face; and raise a mound of stone 2 fr. base, 1½ ft. high, N.W. of cor. Pits impracticable Thence

West 10.00 Chs. At 2.50 Chs. bottom of Canon, 50 fr. below angle cor. No 10, course N. ascend. At 10.00 Chs. set quartzite stone 18 X 9 X 8 ins. 12 ins., in the ground, for angle cor. No. 11 marked G.C. K < 11 on N.E. face; and raise a mound of stone 2 fr base 1½ fr. high, N.E. of cor. Pits impracticable Thence

North 1.60 Chs Set a quartzite stone, 16 X 10 X 6 ins., 11 ins. in the ground, for 2 mile corner marked G.C. K. 2 M on E. face; and raise a mound of stone 2 fr. base 1½ fr. high, E. of cor. Pits impracticable.

Land mountainous.
Soil, graveley loam, 2nd rate
No timber.
undergrowth, oak and maple.
Good grass for grazing.
Mountainous land or land covered with dense undergrowth 80.00 chs.

31st 1899. at this cor. we set off 8° 32' E. on the dec.; and at 0h 3m P.M. l.m.t., observe the sun on the meridian the

resulting Lat. is 140° 09' N.

Thence over mountainous land, through dense undergrowth.

North 26 65/100 chs. Set a quartzite stone, 18x10x6 ins., 12 ins. in the ground, for angle cor. No. 12, marked G.L.O. K. 12., on E. face; from which
A maple, 4 ins. diam., bears S. 10° E. 12 lks. dist., marked G.L.O. K. 12 B.T.
A. maple 4 ins. diam. bears N. 30° W. 18 lks. dist. marked G.L.O. K. 12 B.T.
Thence

N. 25° W. 19.30 chs. At 13.35 chs. Set a sandstone, 20x12x8 ins., 16 ins. in the ground, for 1/4 mile cor., marked G.L.O. K. 1/4 M, on E. face; and raised a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor. Pits impracticable. At 13.55 chs. intersect line bet. secs. 4 and 5, Tp. 8 S. R. 4 E. at a point 7.10 chs. S. 0° 03' E. of the closing cor. of secs. 4 and 5. Set a sandstone 22x8x7 ins., 16 ins. in the ground for closing corner, marked G.L.O. K. C.C. on S. face; from which
A maple, 8 ins. diam., bears E. 12 lks. dist., marked G.L.O. K. C.C. B.T.
A maple, 6 ins. diam., bears N. 55° W. 18 lks. dist. marked G.L.O. K. C.C. B.T.
At 19.30 chs. set a sandstone, 24x12x5 ins., 18 ins. in the ground, for angle cor. No. 13, marked G.L.O. K. 13, on N.E. face and raised a mound of stone 2 ft. base, 1 1/2 ft. high N.E. of cor. Pits impracticable. Thence

West 34.05 chs. At 2.00 chs. top of ridge bears N. and S. at 54.05 chs. Set a sandstone, 14x9x4 ins., 9 ins. in ground, for 3 mile cor., marked G.L.O. K. 3 M. on N. face; and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Pits impracticable.

Land mountainous.
Soil graveley loam; 2nd rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land for land covered with dense undergrowth 80.00 chs.

Thence over Mountainous land, through dense undergrowth

Boundary of P.L.C. Tps. 7 and 8 S., R. 4 E. Continued.

West 1.13 chs. Intersect E. line of Elizabeth Kelly's P.L.C. 2.10 chs. S. 18° E. from closing corner. Thence

N. 18° W. 22.97 chs. Along E. side of Elizabeth Kelly's P.L.C. at 1.03 chs. foot of descent bears E. and W. At 2.10 chs. intersect Tp. line 3.65 chs. East of the ¼ sec. cor. on S. bdy. of Sec. 32. Tp 7 S., R 4 E. identical with closing cor. on E. bdy. of the Elizabeth Kelly P.L.C. at 9.45 chs. Hobble Creek 30 lks. wide 12 ins. deep course N. 60° W. At 12.53 chs. enter cultivated land and leave dense undergrowth bears E. and W. At 19.38 chs. fence bears E. and W. Leave cultivated land. At 19.78 chs. road in Hobble Creek Cañon at foot of mountain bears E. and W. At 22.27 chs. the beginning corner of George G. Kelly's private land claim.

21.25
1.53

Land — mountainous and level.
Soil, sandy loam, and gravelly 1st and 2nd rate.
No timber.
Undergrowth oak and maple and sage brush.
Good grass for grazing.
Mountainous land or land covered with dense undergrowth 21.25 chs.

August 31st 1899.

General Description

George G. Kelly's private land claim located in Secs. 32 and 33 Tp 7 S. R. 4 E. and in Secs. 4 and 5 Tp. 8 S. R 4 E and lies mostly in Hobble Creek Cañon.
About 30 acres of the claim is cultivated as farm and garden, and is irrigated from Hobble Creek, the remainder of the claim is used as pasture.
Total area of Claim 159.76 Acres
Claimant and his family are living on the land.
The value of the improvements on this claim is $2000. about.

Boundary of P.L.C. Tp. 7 S. R. 4 E. - Concluded.

Boundaries of George G. Kellys private land claim.
Latitudes departures, and closing errors.

Line true bearing	Distances.	Latitudes		Departures	
		North	South	East	West
	Chains	Chains	Chains	Chains	Chains.
East	29.35			29.35	
N. 54° 00' E.	7.80	4.58		6.31	
North.	10.27	10.27			
N. 27° 00' E.	5.72	5.10		2.60	
East.	4.23			4.23	
S. 9° 50' E.	12.55		12.37	2.14	
S. 3° 43' E.	15.20		15.17	.99	
S. 25° 00' E.	35.03		31.75	14.80	
South.	28.25		28.25		
West.	10.00				10.00
North.	28.25	28.25			
N. 25° 00 W.	19.30	17.49			8.16
West	35.18				35.18
N. 18° 00' W.	22.97	21.85			7.10
Totals		87.54	87.54	60.42	60.44

Boundary of P.L.C. T. 7 S. R. 4 E.

Boundary of Cyrus Sanford's private land claim.

Cyrus Sanford having duly presented his claim and proofs of 20 years adverse possession of a tract of land in Tp. 7 S., R 4 E. we proceed to establish the boundaries in accordance with special instructions as follows.

At a point 5.87 chs. S. 9° 30' E. from witness cor. to ¼ sec. cor. bet. secs. 32 and 33 in Tp. 7 S. R. 4 E. which is also angle cor. No. 6 on George G. Kelly's private land claim.

We set a sandstone, 18 x 12 x 10 ins., 12 ins. in the ground, for beginning cor. of Cyrus Sanford's private land claim, marked B.eg. Cor. I. C. S., on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

September 1st 1899: At 7h 5m A. M., l. m. t., we set off 40° 09' N., on the lat arc. 8° 16' N on the decl. arc; and determine a true meridian with the solar at the above described cor. Thence we run

Over cultivated land.

East 33.3 chs. At 2.50 chs. leave cultivated land bears N. and S. At 3.00 chs. Hobble Creek 30 lks. wide, 8 ins. deep course S. At 3.50 chs. enter heavy timber bears N. and S. At 6.75 leave timber and enter cultivated land bears N. 20° E. and S. 20° W. At 11.00 chs. the N. W. cor. of claimant's house bears S. 5 lks. dist. At 16.50 chs. branch of Hobble Creek 20 lks. wide, 6 ins. deep, course S. 50° W. At 22.00 chs.

		leave cultivated land and enter dense undergrowth, bears N. and S. At 24. 50 chs. leave undergrowth and enter cultivated land, bears N. and S. At 30. 00 chs. leave cultivated land, begin ascent of mountain bears N. and S. At 33. 13 chs. top of ridge, 200 ft. above creek, bears N. and S. Set a sandstone 24 x 18 x 4 ins., 18 ins. in the ground, for angle cor. No 2 marked 1/4 2, C. S. on S. W. face; and raise a mound of stone 2 ft. base 1½ ft. high, S. W. of cor. Pits impracticable. Thence along top of ridge
South	9. 00 chs.	At 4. 87 chs. set a sandstone, 18 x 14 x 5 ins., 12 ins. in the ground, for ½ mile cor. marked ½ M. C. S. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor. Pits impracticable. At 9. 11 chs. set a sandstone 18 x 10 x 4 ins., 12 ins. in the ground for angle cor. No. 3, marked 1/4 3 C. S. on W. face; and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Thence descen.
East	17. 10 chs.	At 6. 30 chs. bottom of cañon, 23-0 ft. below ridge, cour. N. At 17. 10 chs. top of spur 23-0 ft. above cañon bears N. 30° W. and S. 30° E. Set a sandstone 18 x 9 x 3 ins., 12 ins. in the ground, for angle cor. No. 4 marked 1/4 4

C. S. on S. W. face; and raise a mound of stone 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable. Thence along ridge

S. 30° 39' E. 9.42 chs. Set a sand coated lime-stone, 16 X 12 X 6 ins., 11 ins. in the ground, for angle cor. No 5; marked ∠ 5 – C. S. on S. W. face; and raise a mound of stone, 2 ft. base 1½ ft. high, S. W. of cor. Pits impracticable. Thence

S. 75° 05' E. 9.35 chs. Set a quartzite stone, 18 X 12 X 7 ins., 12 ins. in the ground, for 1 mile cor. marked 1 M. C. S. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high S. W. of cor. Pits impracticable

Land level and mountainous

Soil black loam and gravelly; 1st and 2nd rate.

Timber, maple, boxelder, cottonwood and oak.

Undergrowth, oak, sagebrush, and maple

Good grass for grazing.

Mountainous or heavily timbered land or land covered with dense undergrowth 61.25 chs.

September 1st 1899: At the noon hour the sky is over cast and solar observations are impossible.

Over mountainous land through dense undergrowth along top of ridge.

S. 75° 05' E. 5.15 chs. Set a quartzite stone 18 X 10 X 7 ins., 12 ins. in the ground, for

angle cor No. 6, marked ∠ 6 C. S. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable. Leave ridge bears N. 75° W. and S. 75° E. Thence descend

S. 31° 45' E. 15.40 chs. The cor. of secs. 33 and 34 on S. bdy. of Tp. heretofore described, we mark the cor. ∠ 7 C. S. on N. W. face. Thence along Tp. line.

West 8.00 chs Set a quartzite stone, 18 X 12 X 4 ins., 12 ins. in the ground, for angle cor. No. 8, marked ∠ 8 C. S. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. Thence

N. 75° 10' 14.50 chs. At 11.45 chs. set a quartzite stone 16 X 8 X 6 ins., 11 ins. in the ground for ½ mile cor., marked ½ M. C. S. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. At 12 chs. bottom of cañon, 400 ft. below ridge, course N. W.; ascend. At 14.50 chs. set a quartzite stone, 18 X 9 X 5 ins., 12 ins. in the ground, for angle cor. No 9, marked ∠ 9 C. S. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. Thence

West 18.00 chs. At 17.10 chs. top of ridge 250 ft. above cañon bears N. 20° W and S. E. Ascend. At 18.10 chs. set a quartzite stone 18 X 10 X 6 ins., 12 ins. in the ground, for angle cor. No. 10 marked ∠ 10 C. S. on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high N. W. of cor. Pits impracticable. Thence

South 3.75 chs. Intersect Tp. bdy. at the ¼ sec. cor. on S. side of sec. 33 heretofore described for angle cor. No 11 and closing corner. marked C. C. on W. and angle ∠ 11 C. S. on N. W. faces. Thence along the N. bdy. of Tp. 8

S. R. 4 E.

West 15.20 chs. At 10.25 chs. creek 4 lks. wide, 1 in. deep, in cañon 35.0 ft. below ridge, course N. 16° E. ascend. At 15.20 chs. set a sandstone, 16 X 8 X 5 ins., 11 ins. in the ground, for 2 mile cor. marked 2 M C. S., on N. face; and raise a mound of stone, 2 ft. base 1½ ft. high, N. of cor. Pits, impracticable

Land, mountainous.
Soil gravelly: 2nd rate
No timber
Undergrowth oak, maple and service berry.
Good grass for grazing.
– Mountainous land or land covered with dense undergrowth 80.00 chs.

Thence over mountainous land through dense undergrowth.

West 5.65 chs. set a sandstone, 16 X 8 X 6 ins., 11 ins. in the ground, for angle cor. No 12, and closing cor. marked C. C. on W. ∠ 12 C. S. on N. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. E. of cor. Pits impracticable Thence

North 18.32 chs. At 3.00 chs. top of ridge, bears N. and S. 30° W., thence along top of ridge. At 18.32 chs. set a quartzite stone, 18 X 9 X 3 ins., 12 ins. in the ground, for angle cor. No 13. marked ∠ 13 C. S. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. Thence leave top of ridge bears N. and S.

S. 70° 17' W. 17.62 chs. At 10.00 chs. bottom of hollow 200 ft. below ridge course N. W. ascend. At 16.63 chs. set a quartzite stone 14 X 8 X 6 ins., 9 ins. in the ground, for 2½ mile cor. marked ½ M. C. S. on N. W. face; and raise a mound of stone 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable. At 17.62 chs. top of ridge 150 ft. above hollow bears N. 81° W. and S. 81° E. angle cor. No 8. on George G. Kelly's P. L. C. mark the cor. ∠ 14 C. S. on N. E. face for angle cor. No 14. Thence

N. 3° 43' W. 15.20 chs. Along E. side of George G. Kelly's P. L. C. At 3.92 chs. foot of mountain bears E. and W. At 4.52 chs. water

Boundary of P.L.C. Tp. 7 S., R. 4 E. — continued.

ditch, 3 lks. wide, course S. 80° W. At 5.12 chs. 1 mile cor. of George G. Kelley's P.L.C. At 6.05 chs. Hobble creek 30 lks. wide, 12 ins. deep, course S. 40° W. At 15.20 chs. angle cor. No 7 on George G. Kelley's P.L.C., we mark it L.15.C. S. on E. face, for angle cor. No 15. Thence.

N. 9°50' E. 6.62 chs. Along E. side of George G. Kelley's P.L.C. At 6.62 chs. beginning cor. of Cyrus Sanford's private land claim.

Land, mountainous and level.

Soil, black loam and gravelly loam 1st and 2nd rate.

No timber

Undergrowth, oak and maple.

Good grass for grazing

— Mountainous land or land covered with dense undergrowth, 62.81 chs.

September 1st 1899.

General Description.

Cyrus Sanford's private land claim is located in sec. 33, Tp. 7 S. R. 4 E., and lies mostly in Hobble Creek Cañon. The claimant's house is in the northwestern part of the claim. About 12 acres of the claim is cultivated as farm and garden and is irrigated from Hobble Creek; the remainder of the claim is used as a pasture. The land is well adapted for farming and stock raising. Total area of claim 158.34 acres. Improvements are worth about $150.

Latitudes, departures and closing errors.

True bearing	Distance	Latitudes N. chs.	Latitudes S. chs.	Departures E. chs.	Departures W. chs.
East	35.13			35.13	
South	9.00		9.00		
East	17.10			17.10	
S. 30° 39' E.	9.42		8.10	4.80	
S. 75° 05' E.	14.50		3.73	14.01	
S. 31° 05' E.	15.40		13.19	7.95	
West	8.00				8.00
N. 75° W.	14.50	3.75			14.00
West	18.00				18.00
South	3.75		3.75		
West	20.25				20.25
North	18.32	18.32			
S. 70° 07' W.	17.62		5.99		16.57
N. 3° 43' W.	15.20	15.17			.99
N. 9° 50' W.	6.62	6.52			1.13
Totals		43.76	43.76	78.99	78.94

Boundary of P. L. C. Tp 7 S., R. 4 E.

Boundaries of Cyrus N. Sanford's private land claim.

Cyrus N. Sanford, having duly presented his claim and proofs of 20 years adverse possession of a tract of land, in Sec. 33 T. 7 S. R. 4 E., we proceed in accordance with special instructions, to establish the boundary, as follows.

The begining cor. on Cyrus N. Sanford's private land claim which bears S. 9°50' E. 5.87 Chs. from the Witness to 1/4 Sec. cor. bet. secs. 32 and 33 Tp. 7 S. R. 4 E., subsequently established, we mark Beg. cor. 1 C. N. S., on N. E. face, for begining cor. on Cyrus N. Sanford's claim.

September 2nd, 1899; At 7h 30m A. M., L. M. T. we set off 40°09' N., on the Lat. arc; 7°53' N., on the decl. arc, and determine a true meridian, with the solar, at the above described cor. Thence we run over cultivated land.

N. 9.50 W. 5.87 Chs. To angle No 2, which is angle cor. No 6 on on George G. Kelly's P. L. C. we mark the cor. ∠ 2, C. N. S. on S. E. face. Thence.

East 17.10 Chs. At 6.57 Chs. Hobble Creek, 25 lks. wide, 8 ins. deep course S. Leave cultivated land, bears N. and S. At 8.42 Chs. road in cañon, bears N. 80° W. and S. 80° E. At 8.82 Chs. begin ascent of mountain, enter dense undergrowth bears N. 80° W. and S. 80° E. At 17.10 Chs. set a Sand stone, 14 X 12 X 5 ins. 9 ins. in the ground, for angle cor. No 3, marked ∠ 3 C. N. S. on S. E. face; and raise a mound of stone 2 ft. base, 1½ ft. high. S. E. of cor. Pits impracticable. Thence descend.

N. 35° E. 30.06 Chs. At 17.03 Chs. set a sandstone, 18 X 10 X 4 ins. 12 ins. in the ground, for ½ mile cor., marked ½ M. C. N. S. on S. face, and raise a mound of stone, 2 ft base 1½ ft. high, S. of cor. Pits impracticable. At 30.06 Chs. set a sandstone, 24 X 8 X 4 ins 18 ins. in the ground, for angle cor. No 4, marked ∠ 4 C. N. S. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. Thence

East 26.27 Chs. Set a lime stone, 26 X 10 X 4 ins., 18 ins. in the ground, for 1 Mile corner, marked 1. M. C. N. S. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

6.50 / 1.50

Land, mountainous and level.

Soil, loam and gravely; 1st and 2nd rate.

No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous Land, or land covered with dense undergrowth, 17.42 Chs.
September 2. 1899: At the noon hour the sky is overcast and Solar observations are impossible.

Thence over mountainous land, through dense undergrowth, descend.

East 6.83 Chs. Set a limestone, 20X10X4 ins. 15 ins. in the ground, for angle Cor. No 5, marked ∠ 5. C. N. S. on S.W. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, S.W. of cor. Pits impracticable. Thence

South 30.42 Chs. At 6.20 Chs. road in cañon, bears N. 80° E. and S. 80° W. Foot of descent, bears with road. At 17.70 Chs. branch of Hobble Creek, 12 lks. wide, 12 ins. deep, course W. begin ascent. At 30.42 Chs. a stationary ledge, 10X10X10 ins., above ground, on which we cut a cross (+) at the exact corner point for angle Cor. No 6, marked ∠ 6 C. N. S. on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N.W. of cor. Pits impracticable.
Thence, descend.

West 14.87 Chs. At 2.75 Chs. set a sandstone, 16X8X5 ins. 11 ins. in the ground, for 1/4 mile cor. marked ¼ M. C. N. S. on N. face; and raise a mound of stone, 2 ft. base 1½ ft. high N. of cor. Pits impracticable. At 14.87 Chs. set a quartzite stone 16X10X6 ins. 12 ins. in the ground, for angle Cor. No. 7, marked ∠ 7. C. N. S. on N. W. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, N.W. of cor. Pits, impracticable. Thence

South 9.02 Chs. To angle cor. No 8 which is also angle cor. No. 4 on Cyrus Sanford's P.L.6. heretofore described. We mark the cor. ∠ 8. C. N. S. on N. W. face. This cor. is on the top of a ridge 350 ft. above main Cañon, bears N. 30° W. and S. 30° E. Thence descend.

West 17.10 Chs. along North side of Cyrus Sanford's P.L.6. At 12.80 Chs. bottom of Cañon 250 ft. below ridge course N.; ascend. At 17.10 Chs. angle cor. No. 9 which is angle cor. No 3

ow Cyrus Sanford's P. L. C. we mark the cor. ∠ 9. C. N. S. ow N. E. face. This cor. is ow top of ridge 250 ft. above Canon bears N. and S.; descend along top of ridge. Thence

North 1.75 Chs. Along Cyrus Sanford's P. L. C. set a sand stone 14 X 12 X 10 ins. 9 ins. in the ground, for 2 mile cor. marked 2 M. C. N. S. ow E. face; and raised a mound of stones, 2 ft. base, 1½ ft. high E. of cor. Pits impracticable.

Land, Mountainous.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak, sage, and maple.
Good grass for grazing.
Mountainous Land, or land covered with dense undergrowth, 80.00 Chs.

Thence over mountainous land, through dense undergrowth, descends

North 7.22 Chs. Along North side of Cyrus Sanford's P. L. C. At 2.35 Chs. the ½ mile cor. ow Cyrus Sanford's P. L. C. At 7.22 Chs. angle cor. No 10, which is also angle cor. No 2 ow Cyrus Sanford's P. L. C., we mark the cor. ∠ 10 C. N. S. ow North face.

Thence along North side of Cyrus Sanford's P. L. C.

West 35.13 Chs. At 5.13 Chs. foot of mountain, enter cultivated land bears N. and S. At 10.68 Chs. leave cultivated land enter dense undergrowth, bears N. and S. At 13.18 Chs. leave undergrowth, enter cultivated land, bears N. and S. At 16.68 Chs. branch of Hobble Creek, 20 lks. wide 6 ins. deep, course S. 30° W. At 24.00 Chs. the S. W. cor. of claimants house bears N. 10 lks. At 28.38 Chs. enter heavy timber, leave cultivated land bears N. and S. At 31.63 Chs. leave heavy timber bears N. and S. At 32.13 Chs. Hobble Creek 30 lks. wide 8 ins. deep, course S. At 32.63 Chs. enter cultivated land bears N. and S. At 32.78 Chs. set a quartzite stone 18 X 10 X 6 ins., 12 ins. in the ground, for 2½ mile cor. marked ½ M. C. N. S., ow N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high N. of cor. Pits impracticable. At 35.13 Chs. beginning cor.

1810
Vol. 5

Boundary P.L.C. Gp. 7 S. R. 4 E. - concluded

of Cyprus N. Sanford's private land claim.
Land, mountainous and level.
Soil, loam and gravelly, 1st and 2nd rate.
Timber, Maple, box-elder Oak and Cottonwood.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous or heavily timbered land, or land covered with dense undergrowth 18.10 Chs.
September 2nd 1899.

General Description
Cyprus N. Sanford's private land claim is located in in sec. 33 Tp. 7 S. R. 4 E. Salt Lake Base and Meridian, and lies mostly in the bottom of the right hand fork of Hobble Creek Canon.
The claimant's house is situated near the West end of the claim; he is living on the claim.
About 15 acres of the claim is cultivated as farm and garden, and is irrigated from the creek in the right hand fork of Hobble Creek Canon.
The soil in the canon is loam 1st rate; and on the ridges the soil is gravelly; 2nd rate.
The total area of claim is 158.98 acres.
The value of the improvements is about $400.

Boundaries of Cyprus N. Sanford's private land claim
Latitudes departures and closing errors.

True bearing	Distance	Latitudes North Chains.	Latitudes South Chains.	Departures East Chains	Departures West Chains
N. 9°50' W.	5.87	5.78			1.00
East	17.10			17.10	
N. 35°00' E.	30.06	24.62		17.24	
East	33.80			33.80	
South	30.42		30.42		
West	14.87				14.87
South	9.00		9.00		
West	17.10				17.10
North	9.00	9.00			
West	35.13				35.13
Totals		39.40	39.42	68.14	68.10
			39.40	68.10	
			.02	.04	

Boundary of P.L.C. T. 7 S. R. 4 E.

Boundaries of Milan L. Crandall's private land claim.
Milan L. Crandall, having duly presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 28, 29, 32 and 33 T. 7 S. R. 4 E., we proceed in accordance with special instructions, to establish the boundary as follows:
Commencing at a point 17.10 chs. East of witness cor. to ¼ sec. cor bet. secs. 32 and 33 T. 7 S. R. 4 E., subsequently established which is angle cor. No 3 on Cyrus N. Sanford's private land claim, heretofore described, we mark it Beg. cor. 1. M.L.C. on N.W. face, for begining cor. on Milan L. Crandall's P.L.C.
Sept. 4. 1899: At 7h 30m A.M. l.m.t., we set off 40° 10' N. on the lat. arc; 7° 10' N. on the decl. arc; and determine a true meridian with the solar, at the above described cor. Thence we run. Over mountainous land through dense undergrowth; descend.

West 21.33 chs. At 8.28 chs. foot of descent, leave undergrowth bears N. 80° W. and S. 80° E. At 8.68 chs. road in cañon bears N. 80° W. and S. 80° E. At 10.53 chs. Hobble Creek 25 lks. wide, 8 ins. deep, course S. enter cultivated land. At 17.10 chs. Angle cor. No 6 on George G. Kelly's P.L.C. and angle cor. No 2 on Cyrus N. Sanford's P.L.C. Thence along fence, bears E. and W. At 21.33 chs. angle cor. No 5 on George G. Kelly's P.L.C., heretofore described; we mark the cor. ∠2. M.L.C. on N.E. face, for angle cor. No 2. Thence.

N. 13° 30' E. 1.00 ch. At 0.30 ch. road in cañon bears N. 80° W. and S. 80° E. At 1.00 ch. angle cor. No 3, set a sandstone 14×12×8 ins. 9 ins. in the ground, marked ∠3 M.L.C. on E. face; and raise a mound of stone, 2 ft. base 1½ ft. high E. of cor. Pits impracticable. Thence.

North 57.67 chs. At 1.00 ch. road in cañon, bears N. 10° E. and S. 10° W. enter dense undergrowth at foot of mountain bears N. 10° E. and S. 10 W. thence along east slope of mountain. At 17.67 chs. set a sandstone, 14×14×7 ins. 9 ins. in the ground for ½ mile cor. marked ½, M. M.L.C. on E. face; and raise a mound of stone, 2 ft. base 1½ ft. high E. of cor. Pits impracticable.
At 47.60 chs. mouth of hollow course S.E.; ascend.
At 52.50 chs. point of ridge, bears N.W. and S.E.; descend.

6305
7605

At 5.67 Chs. Set a sandstone, 16 X 9 X 7 ins. 11 ins. in the ground, for 1 mile cor. marked 1 M. M. L. C. on E. face, and raise a mound of stone, 2 ft. base, 1½ ft. high. E. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black loam and gravelly; first and 2nd rate.

No timber.

Undergrowth, oak, maple, and service berry.

Good grass for grazing.

Mountainous Land, or Land covered with dense undergrowth 6 3.25 Chs.

Sept 4th, 1899: At the noon hour the sky is over cast and solar observations are impossible

Thence, Over mountainous Land, through dense undergrowth

North 10.40 Chs. To angle cor. no 4 Set a sandstone, 18 X 12 X 4 ins. 12 ins. in the ground for angle cor. No 4, marked ∠4. M. L. C on E. face; and raise a mound of stone, 2 ft base, 1½ ft. high, S. E. of cor. Pits, impracticable. Thence

S. 83° 58' E. 5.72 Chs. at .07 chs. road in Canon at foot of mountain bears N. 10° E. and S. At 0.12 Chs. fence bears N. 10° E. and S. 83° 58' E. enter cultivated land. At 5.72 Chs. Set a sandstone 16 X 10 X 5 ins. 11 ins. in the ground, for angle cor. No 5, marked ∠5 M. L. C. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable. Thence

S. 8° E. 16.66 Chs. At 0.05 Chs. fence, bears E. and W. thence across field At 5.66 Chs. fence bears E. and W. At 6.06 Chs. fence, bears E. and W. At 6.66 Chs. Claimants house bears N. 25 lks. dist. At 8.34 Chs. fence, bears E. and W. At 16.66 Chs. Set a sandstone, 18 X 14 X 6 ins. 12 ins. in the ground, for angle cor. No 6, marked ∠6. M. L. C. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable. Thence

South 7.30 Chs. At 7.22 Chs. Set a sandstone, 16 X 8 X 7 ins. 11 ins. in the ground, for 1½ mile cor. marked ½ M. M. L. C. on W. face; and raise a mound of stone, 2 ft base, 1½ ft. high, W. of Cor. Pits impracticable. At 7.30 Chs. Set a sandstone 16 X 9 X 7 ins. 11 ins. in the ground for angle

Boundary of P.L.C., Tp. 7 S. R 4 E. - Continued

cor. No 7 marked L.7.M.L.C. on S.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.W. of cor. Pits impracticable. Thence

East 24.32 Chs. At 2.00 Chs. Hobble creek 40 lks. wide, 1 ft. deep, course S. 10° W. Leave cultivated land and enter dense undergrowth. At 11.00 Chs. begin ascent of mountain bears N. and S. At 24.32 Chs. Set a limestone 20×7×6 ins., 15 ins. in the ground for angle cor. No 8 marked L.8.M.L.C. on S.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high S.W. of cor. Pits impracticable. Thence

South 15.60 Chs. Set a sandstone, 20×8×6 ins., 15 ins. in the ground, for 2 Mile cor. marked 2.M.M.L.C. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor. Pits impracticable

Land, mountainous and level.

484/3156 Soil, black loam and gravelly 1st and 2nd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth

48.44 Chs.

hence, Over mountainous land, through dense undergrowth.

South 13.01 Chs. At 9.00 Chs. Top of ridge 100 ft. above L cor. No 8 bears N. E. & S.W. At 13.01 Chs. intersect line 3-4 Cyrus N. Sanford's P.L.C. 2.54 Chs. N. 35° E. from ½ M. Cor. set a sandstone, 15×10×5 ins., 10 ins., in the ground for angle cor. No 9 mar L.9.M.L.C. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N.W. of cor. Pits impracticable. Thence

35° W. 19 Chs. At 2.54 Chs. the ½ mile cor. on Cyrus N. Sanford's P.L.C. At 19.57 Chs. the begining cor. on Milan L. Crandall's P.L.C.

and, mountainous.

Soil, gravelly loam; 2nd rate

No timber.

Undergrowth, oak and maple.

Good grass for grazing

ountainous land, or land covered with dense undergrowth

32.58 Chs. Sept. 4th 1899.

Boundary of T. L. C. Tp. 7 S. R. 4 E. - Continued.

General Description

Milan L. Crandall's private land claim, is located in sec. 28. 29. 32 and 33 in Tp. 7 S. R. 4 E. of the Salt Lake Base and Meridian, and lies mostly in the bottom of the left hand fork of Hobble Creek Canon.

The claimants house is situated near the north end of claim.

About 60 acres of the claim is cultivated as farm and garden; and is irrigated from Hobble creek

The soil in the bottom is black loam 1st rate; and the soil on the side hill is gravelly, 2nd and 3rd rate.

The total area of claim is 152.64 Acres.

The value of improvements is about $1250.00

Boundaries of Milan L. Crandalls private land claim
Latitudes departures and closing errors.

Course bearing	Distance	Latitudes		Departures	
		North	South	East	West
	Chains.	Chains.	Chains	Chains	Chains.
West	21.33				21.33
N. 13°30' E.	1.00	.97		.23	
North	68.07	68.07			
S. 83°58' E.	5.72		.60	5.69	
S. 8°00' E.	16.66		16.50	2.32	
South	7.30		7.30		
East	24.32			24.32	
South	28.61		28.61		
S. 35°00 W.	19.57		16.03		11.23
Totals		69.04	69.04	32.56	32.56
					32.56
			Error in dist.		000

Boundary of P.L.C. Tp. 7 S. R. 4 E.

Boundary of Myron L. Crandall's private land claim.

Myron L. Crandall, having duly presented his claim and proofs of 20 years adverse possession of a tract of land in Sec. 28 Tp. 7 S. R. 4 E., of the S. L. Band M. we proceed in accordance with special instructions to establish the boundary as follows:

Commencing at angle cor. No 8 on Milan L. Crandall's P.L.C. heretofore described, which bears West 11 62 chs. & North 4 44 chs. from ¼ Sec. cor. bet. Secs. 28 and 33 T. 7 S. R 4 E. duly established. We mark it Beg. Cor. 1 M.L.C., on N.W. face, for beginning cor. on Myron L. Crandall's private land claim.

Sept. 5th 1899: At 7h 32m, L. M. T., we set off 40° 16' N. on the Lat. Arc. 6° 47' N. on the dec. arc, and determine a true meridian with the Solar at the above described cor.

Thence, We run over mountainous land through dense undergrowth, descend

West 24.32 chs. At 13.32 chs. foot of mountain bears N and S. At 22.32 chs. Hobble creek 40 lks. wide, 1 ft. deep course S. E. leave undergrowth and enter cultivated land. At 24.32 chs. Angle cor. no 7 Milan L. Crandall's P.L.C., we mark the cor. 2 M.L.C., on N. E. face, for angle cor. No 2. Thence

North 7.50 chs. At 6.65 chs. the 1/4 mile cor. on Milan L. Crandall's P.L.C. At 7.50 chs. angle cor. No 6 on Milan L. Crandall's P.L.C. heretofore described we mark it 2 S M.L.C. on E. face, for angle cor. No 3 Thence

N. 8.00 W. 16.66 chs. At 8.50 chs. Fence, bears E. and W. At 8.58 set a sand stone 16 x 8 x 5 ins. 11 ins. in the ground, for 1/4 mile cor. marked M.L.C. 1/4 M. on E. face and raise a mound of stone 2 ft. at base 1 1/2 ft. high & of cor. Pit impracticable At 8.40 chs. a shed bears E. 100 lks. dist. At 9.50 chs. Claimant's house bears E. 1.00 ch. dist. At 10.60 chs. fence bears E and W. At 11.00 chs. fence bears E and W. At 16.61 chs. fence bears E and W. At 16.64 chs. cor. No 5. on Milan L. Crandall's P.L.C. heretofore described, we mark the cor. 2 4 M.L.C. on S. E. face, for 2 cor. 4 Thence

S. 83.58 E. 1.88 chs. At 1.28 chs. Hobble Creek, 30 lks. Wide, 1 ft. deep course S. At 1.88 chs. set a quartzite stone, 16 x 7 x 5 ins. 11 ins. in the ground, for angle cor. No 5 marked 2 5 M.L.C.

on S.E. face, and raise a mound of stone 2 ft. base 1½ ft. high S.E. of cor. Pits impracticable. Thence through dense undergrowth.

N. 10° 11' E. 29 84/100 Chs. Set a sandstone, 16 x 8 x 8 ins. 11 ins. in the ground for 1 Mile cor. marked 1 M., M.L.C. on E. face, and raise a mound of stone 2 ft. base 1½ ft. high to E. of cor. Pits impracticable.

Land mountainous and level

Soil gravelly and black loam; first and second rate

No timber

Undergrowth, Oak, Maple, willow and Box Elder.

Good grass for grazing

Mountainous land or land covered with dense undergrowth 52 Chs.

Sept. 5, 1899. At the mon hour the sky is over cast and polar observations are impossible

Thence over level land, through dense undergrowth

N. 10° 11' E. 0.58 Chs. Set a sandstone, 18 x 10 x 8 ins., 12 ins. in the ground for angle cor. No 6, marked ∠ 6 M.L.C. on S. E. face and raise a mound of stone 2 ft. base, 1½ ft. high S.E. of cor. Pits impracticable. Thence

N. 85° W. 1.50 Chs. Set a cobble stone 22 x 10 x 4 ins., 11 ins. in the ground for angle cor. No 7 marked ∠ 7 M.L.C. on N.E. face and raise a mound of stone 2 ft. base 1½ ft. high N.E. of cor. Pits impracticable. Thence

N. 1° 20' E. 15.75 Chs. Set a quartzite stone 20 x 12 x 8 ins. 15 ins. in the ground for angle cor. No 8 marked ∠ 8 M.L.C. on S.E. face, and raise a mound of stone; 2 ft. base 1½ ft. high S.E. of cor. Pits impracticable Thence

N. 85° 30' E. 10.95 Chs. At 8.75 Chs. begin ascent of mountain bears N. & S. At 10.25 Chs. Set a sandstone 18 x 6 x 4 ins. 12 ins. in the ground for angle cor. No 9 marked ∠ 9 M.L.C. on S.W. face and raise a mound of stone 2 ft. base 1½ ft. high S.W. of cor. Pits impracticable. Thence

S. 8° E. 8.50 Chs. Set a sandstone 16 x 9 x 7 ins., 11 ins. in the ground for cor. No 10 marked ∠ 10 M.L.C. on S.W. face, and raise a mound of stone 2 ft. base, 1½ ft. high, S.W. of cor. Pits impracticable. Thence along N. face of Mountain

South 4.50 Chs. At 4.50 Chs. Set a sandstone 16 x 14 x 9 ins., 11 ins. in the

Boundary of P. L. C. Tp. 7 S., R. 4 E. - Continued

ground for 1/2 mile cor. marked 1/2 M. M. L. C. ow W. face; and raised a mound of stone, 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable. At 8.00 chs. top of ridge, bears N. 50° E. and S. 50° W.; descend. At 30.00 chs. bottom of hollow, 75 ft. below ridge course S. 85° W.; ascend. At 38.00 chs. top of ridge, 50 ft. above hollow, bears E. and W. descend. At 44.83 chs. set a sandstone, 18 x 9 x 6 ins. 12 ins. in the ground for 2 mile cor. marked 2 M. M. L. C. ow W. face; and raised a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.

Land, mountainous and level
Soil, black loam and gravelly; 1st and 3rd rate
No timber
Undergrowth, oak, maple, tag-alder and choke cherry
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.

South 22.31 chs.

Thence over mountainous land through dense undergrowth, descend. At 5.00 chs. bottom of hollow 40 ft. below 2 mile cor., course S. 80° W.; ascend. At 22.31 chs. the beginning cor. of Myron L. Crandall's private land claim

Land, mountainous.
Soil, gravelly; 3rd rate.
No timber
Undergrowth, oak and maple
Good grass for grazing
Mountainous land, or land covered with dense undergrowth, 2.31 chs.

September 5 1899.

General Description

Myron L. Crandall's private land claim, is located in sec. 28 Tp 7 S., R. 4 E., and lies mostly in the bottom of the left hand fork of Hobble Creek Cañon. The claimant's house is situated in the west central part of the claim.
About 75 acres of the claim is cultivated as farm and

garden, and is irrigated from Hobble Creek.
The soil in the bottom is black loam 1st rate; on the ridges the soil is gravelly, 2nd and 3rd rate.
The value of improvements is about $1000 00/100.
Total area of claim, 153 59/100 acres.

Boundaries of Myron L. Crandall's private land claim.
Latitudes departures and closing errors.

True bearing	Distance Chains.	Latitudes North Chains.	Latitudes South Chains.	Departures East Chains.	Departures West Chains.
West	24.32				24.32
North	7.30	7.30			
N. 8° 00' W.	16.66	16.50			2.32
S. 83° 58' E.	1.88		.20	1.87	
N. 10° 11' E.	30.42	29.94		5.38	
N. 85° 00' W.	1.50	.13			1.49
N. 6° 20' E.	13.75	13.67		1.52	
N. 85° 30' E.	10.95	.80		10.92	
S. 84° 00' E.	8.40		.88	8.35	
South	67.14		67.14		
Totals		68.34	68.29	28.04	28.13
		68.22			28.04
Error in Lat		.12	Error in Dep.		.09

Boundary of P. L. C. T. 7 S.. R. 4 E.

Boundaries of Alma Boylance's private land claim.
Alma Boylance, having duly presented his claim and proofs of 20 years adverse possession of a tract of land, in secs. 28 and 29 Tp 7 S. R. 4 E., we proceed, in accordance with special instructions to establish the boundary as follows:
Commencing at angle cor. No 5 on Myron L. Crandalls P. L. C. which bears South 11.97 chs. and East 3.65 chs. from ¼ sec. cor. bet. secs. 28 and 29, subsequently established. We mark it Beg. Cor. 1 A.R. on N. W. face, for beginning cor. on Alma Boylance's private land claim.
Sept. 6. 1899: At 7h 5-6m A. M. L. m. t., we set off 40' 16" N. on the Lat. arc; 6° 24' N. on the dec. arc; and determine a true meridian with the polar at the above described cor.
Thence we run, over level land through cultivated field
N. 83° 58' W. 11.60 chs. At 0.09 chs. Hobble creek, 30 lks. wide, 1 ft. deep course S.
At 1.88 chs. angle cor. No 5 on Milan L. Crandalls P. L. C. and Cor. No 4 on Myron L. Crandalls P. L. C. Along fence. At 7.17 fence, bears N. 10° E. and S.; leave cultivated land. At 7.52 chs. road in canon at foot of mountain bears N. 10° E. ¾ S. enter dense undergrowth. At 7.80 chs. angle cor. No 4 on Milan L. Crandalls P. L. C. At 11.60 chs. set a sandstone, 18 x 12 x 5 ins; 12 ins. in the ground, for angle cor. No 2 marked L 2, A.R. on N. face; and raise a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable. Thence
West 38.40 chs. At 10.60 chs. top of ridge, 300 ft. above creek, bears N. 15° W. and S. 15° E.; descend. At 17.00 chs. bottom of canon 150 ft. below ridge, course S. 35° E., ascend. At 28.40 chs. top of spur, 230 ft. above hollow, bears N. W. and S. E. set a limestone 15 x 8 x 5 ins. 9 ins. in the ground, for ½ mile cor. marked ½ M. A.R. on N. face; and raise a mound of stone, 2 ft. base 1½ ft. high N. of cor. Pits impracticable. At 38.40 chs. set a limestone, 16 x 9 x 6 ins. 11 ins. in the ground, for angle cor. No 3 marked L 3, A.R. on N. E. face; and raise a mound of stone, 2 ft. base 1½ ft. high N. E. of cor. Pits impracticable Thence
North 29.24 chs. At 7.00 chs. top of ridge, 40 ft. above angle cor. No 4, bears E. and W.; descend. At 14.25 chs. bottom of hollow, 100 ft. below ridge, course E., ascend. At 28.50 chs. top of spur 125 ft. above hollow, bears S. 70° E. and N. 70° W.

descend. At 29.24 Chs. set a quartzite stone, 14 X 12 X 6 ins., 9 ins. in the ground, for angle cor. No 4 marked < 4 A.R. on S.E. face, from which a maple 4 ins. diam. bears S. 70° E., 25 lks. dist. marked < 4 A.R. B.T.
A maple 4 ins. diam. bears S. 10° E., 20 lks. dist., marked A.R. < 4 B.T. This cor. is on top of ridge bears N. 70° W. and S. W.
Thence descend

East 0.76 Chs. Set a quartzite stone, 16 X 9 X 8 ins., 11 ins. in the ground, for 1 mile cor., marked 1 M. A.R. on S. face; and raise a mound of stone 2 ft. base 1½ ft. high S. of cor. Pits impracticable

72.30 / 7.70

Land, level and mountainous.
Soil, black loam and gravelly; 1st and 3d rate.
No timber
Undergrowth, oak, maple and service berry.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth.
72.30 Chs.
Sept. 6. 1899; At this cor. we set off 6° 20' N. on the decl. arc; and at 0h 3m P.M. l.m.t. observe the sun on the meridian, the resulting lat. is 40° 11' N.

Thence over mountainous land, through dense undergrowth; descend

East 39.22 Chs. Set a quartzite stone, 14 X 8 X 8 ins., 9 ins. in the ground, for angle cor. No 5 marked < 5 A.R. on S.E. face; and raise a mound of stone, 2 ft. base 1½ ft. high S.E. of cor. Pits impracticable. Thence

North 0.71 Chs. Set a quartzite stone, 14 X 10 X 6 ins., 9 ins. in the ground, for angle cor. No 6 marked < 6 A.R. on S.E. face; and raise a mound of stone, 2 ft. base 1½ ft. high S.E. of cor. Pits impracticable. Thence

S. 85° E. 15.38 Chs. At 0.07 Chs. set a sandstone, 16 X 9 X 9 ins. 11 ins. in the ground, for 1½ mile cor. marked ½ M., A.R. on S. face; and raise a mound of stone 2 ft. base 1½ ft. high S. of cor. Pits impracticable. At 3.20 Chs. road in cañon bears N. and S.; foot of mountain leave undergrowth. At 4.47 Chs. fence bears N. and S. At 9.35 Chs. claimants house bears S. about 2.00 Chs. dist. At 13.54 Chs. Hobble

Creek W 50 lks. wide 6 ins. deep course S. 80° E. At 13.88 Chs. angle cor. No 7 on Myron L. Crandalls P.L.C. At 15.38 Chs. angle cor. No 6 on Myron L. Crandalls P.L.C. heretofore described, we mark the Cor. < 7. A.R. on S.W. face; for angle cor. No 7

Thence through dense undergrowth

S. 10° 11' W. 24.69 Chs. At 0.38 Chs. 1 mile cor. on Myron L. Crandalls P.L.C. At 24.69 Chs. set a quartzite stone, 18 X 10 X 8 ins. 12 ins. in the ground, for 2 mile Cor., marked 2 M., A.R. on W. face; from which a Cottonwood 6 ins. diam. bears North 45 lks. dist., marked A.R. 1 M. B.T. A Cottonwood 10 ins. diam. bears W. 20 lks. dist., marked A.R., 1 M. B.T. and raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor.

68.32 / 11.68

Land, mountainous and level.

Soil, black loam and gravelly; 1st and 2nd rate

No timber

Undergrowth oak and maple, tag alder, cottonwood saplings and choke cherry.

Good grass for grazing

Mountainous land or land covered with dense undergrowth, 68.32 Chs.

Thence over level land, through dense undergrowth

S. 10° 11' W. 5.73 Chs. To beginning cor. on Alma Roy Lands private land claim

Land level.

Soil, black loam; 1st rate.

Undergrowth tag alder, choke cherry and cottonwood saplings

Land covered with dense undergrowth on 5.73 Chs.

September 6th 1899

General Description

Alma Roy lands private land claim is located in Secs. 28 and 29, T. 7 S. R. 4 E. Salt Lake

Boundary P.L.C. Tp. 7 S.R. 4 E. Continued

Base and Meridian: and lies partly in the left hand fork of Hobble Creek Cañon and partly on the mountain West of the Cañon.
About 30 acres of the claim is cultivated as farm and garden, and is irrigated from Hobble creek: the remainder of the claim is mostly used as pasture. Claimants house is situated near the N.E. cor. of claim.
Total area of claim, 155.39 Acres
Value of improvements about $1000.00

Latitudes, departures and closing errors.

True bearing	Distance	Latitudes		Departures	
		N.	S.	E.	W.
	chs.	chs.	chs.	chs.	chs.
N. 83° 58' W.	11.60	1.22			11.54
West	38.40				38.40
North	29.24	29.24			
East	39.98			39.98	
North	.71	.71			
S. 85° E.	15.38		1.34	15.32	
S. 10° 11' W.	30.42		29.94		5.38
Totals		31.17	31.28	55.30	55.32
			31.17		55.30
Error in lat			.11	Error in dep.	.02

Boundary of George L. McKenzie's private land claim.
George L. McKenzie, having duly presented his claim and proofs of 20 years adverse possession of a tract of land in Secs. 20, 21, 28 and 29, in Tp. 7 S. R. 4 E. we proceed in accordance with special instructions to establish the boundary as follows: At a point 9.70 Chs. N. 0° 03' W. of the cor. of Secs. 20, 21, 28 and 29 (as hereafter established in the subdivision of this Tp.) Set a sandstone, 16 X 12 X 10 ins., 11 ins. in the ground, for beginning cor. on George L. McKenzie's private land claim, marked Beg. Cor. / G.L.M. on S. face; and raise a mound of stone 2 ft. base 1½ ft. high S. of cor. Pits impracticable.
Sept 7, 1899: At 7.30 a.m. L. mn. t. we set off 40° 11' N. on the lat. a.c. 6° 3' N. on the dec. arc; and determine true meridian with the p. dar. at the above described cor.
Thence we run over mountainous land through dense undergrowth with descend.

S. 70° 10' E. 21.50 Chs. At 1.60 Chs. foot of mountain bears N. and S. leave undergrowth. At 1.65 Chs. road in main Cañon bears N. and S. At 1.80 Chs. bears N. and S. 20° E. At 2.46 Chs. irrigating ditch 6 lks. wide, course S. 15° E. At 10.00 Chs. enter pasture containing timber and dense undergrowth bears N. and S. At 17.60 Hobble Creek 40 lks. wide 1 ft. deep course S. W. At 20 Chs. begin ascent of Mountain and leave timber, bears N. & S. At 21.50 Chs. Set a quartzite stone, 20 X 14 X 10 ins., 15 ins. in the ground for angle cor. No 2 marked ∠2 G L M on S.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.W. of cor. Pits impracticable. Thence

East 18.50 Chs. At 15.00 Chs. Top of ridge 400 ft. above Cañon bears N. 30° E. and S. 50° W. descend. At 18.50 Chs. Set a quartzite stone, 18 X 8 X 6 ins., 12 ins. in the ground, for angle cor. No 3 and ½ mile cor. marked ∠3½ M G.L.M. on S.W. face; and raise a mound of stone 2 ft. base 1½ ft. high S.W. of cor. Pits impracticable. Thence descend

South 11.52 Chs. At 5.00 Chs. bottom of hollow, 70 ft. below cor. Course S. 70° W.; ascend. At 11.52 Chs. Set a quartzite stone 18 X 12 X 5 ins., 12 ins. in the ground, for angle cor. No 4 marked ∠4 G.L.M. on N.W. face; and

and raise a mound of stone, 2 ft. base, 1½ ft. high N.W. of cor. Pits impracticable. Thence.

West. 3.00 chs. Set a sandstone, 19X8X8 ins., 12 ins. in the ground, for angle cor. No 5 marked < 5 G.L.M. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high N. of cor. Pits impracticable. Thence

N. 84° W. 15.83 chs. At 7.43 chs. angle cor. No 10 on Myron L. Crandall's P.L.C. At 15.83 chs. angle cor. No 9 on Myron L. Crandall's P.L.C. heretofore described, we mark it < 6 G.L.M. on the N. face; for angle cor. No 6. Thence

S. 85° 50' W. 9.65 chs. At 2.20 chs. foot of descent, bears N. and S. At 9.65 chs. set a sandstone, 18X9X8 ins., 12 ins. in the ground, for 1 mile cor. marked 1 M. G.L.M. on N. face; from which a box-elder, 4 ins. diam. bears N. 60° E. 12 lks. dist. marked 1 M. G.L.M. B.T. A maple, 4 ins. diam. bears N. 35° W. 3 lks. dist. marked 1 M. G.L.M. B.T.

Land mountainous and level.

Soil, black loam and gravelly; 1st and 3d rate.

Timber scattering cottonwood.

Undergrowth, Oak, Maple, box-elder tag alder and choke-cherry

Good grass for grazing

Mountainous land or land covered with dense undergrowth, 71.60 chs.

Sept. 7th 1899 At this cor. we sett off 5° 57' N. on the decl. arc and at 0h 1m p.M.; l. m. t. observe the sun on the meridian the resulting lat. is 40° 11' N.

Thence over level land through dense undergrowth

S. 85° 50' W. 1.30 chs. angle cor. No 8 on Myron L. Crandall's P.L.C. heretofore described, we mark the cor. < 7 G.L.M. on N.W. face; for angle cor. No 7 from which a chope cherry 4 ins. diam. bears W. 30 lks. dist. marked < 7 G.L.M. B.T. A maple 4 ins. diam. bears N. 50° E. 40 lks. dist. marked < 7 G.L.M. B.T. Pl house bears N. 20° W. about 6.00 chains dist. Thence,

S. 6° 20' W. 13.75 chs. Angle cor. No 7 on Myron L. Crandall's P.L.C. heretofore described, we mark it < 8 G.L.M. on the N.W. face; for angle cor. No 8

Thence leave undergrowth bears N. and S.

N. 85° W. 13.88 chs. At 0.34 chs. Hobble Creek, 50 lks. wide, 8 ins. deep course S. 80° E. At 9.41 chs. fence bears N. and S.; At 10.18 chs. [illegible] mountain and enter dense undergrowth; road bears N.

At 53 ch. ½ mile cor. on Alma Roylance's P. L. C. At 13.58 chs. angle cor. No 6 on Alma Roylance's P. L. C. heretofore described we mark it ∠ 9 G. L. M. on N. face; for angle cor. No 9. Thence

South 0.71 Chs. Angle cor. No 5 on Alma Royalance's P. L. C. heretofore described we mark it ∠ 10. G. L. M. on N. W. face, for angle cor. No 10. Thence

West 23.92 Chs. At 10.36 Set a yellow sandstone, 26 X 9 X 4 ins., 18 ins. in the ground for 1½ mile cor. marked ½ M. G. L. M. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high N. of cor. Pits impracticable. At 23.92 Chs. set a sandstone 18 X 9 X 6 ins. 12 ins. in the ground, for angle cor. No 11 marked ∠ 11, G. L. M. on N. E. face; and raise a mound of stone, 2 ft. base 1½ ft. high, N. E. of cor. Pits impracticable. Thence

North 26.44 Chs. At 14.00 Chs. bottom of hollow 150 ft. below angle cor. 8 course E., Ascend At 26.44 Chs. set a quartzite stone 14 X 7 X 7 ins., 9 ins. in the ground, for 2 mile cor., marked 2 M. G. L. M. on E. face; and raise a mound of stone, 2 ft. base 1½ ft. high, E. of cor. Pits impracticable

Land mountainous and level.

Soil, black loam and gravelly; 1st and 2nd rate

No timber.

Undergrowth oak maple, and choke cherry

Good grass for grazing.

Mountainous land or land covered with dense undergrowth, 68.82 Chs.

Thence over mountainous land, through dense undergrowth; descend.

North 4.69 Chs. Set a sandstone 14 X 9 X 8 ins., 9 ins. in the ground for angle cor. No 12. marked ∠ 12. G. L. M. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable. Thence

East 30.21 Chs. The begining cor. on George L. McKenzie's private land claim.

Land Mountainous.

Soil, gravelly loam; 2nd rate.

Boundary P.L.C. Tp 7 S., R. 4 E. Concluded.

No timber.
Undergrowth oak and maple.
Good grass for grazing
Mountainous land & Land covered with dense undergrowth 34.20 Chs.

Sept. 7th 1899.

General Description

George L. McKenzie's private land claim is located in secs. 20, 21, 28 and 29, Tp. 7 S. R. 4 E. of the Salt Lake Base and Meridian; It lies partly in the bottom of the canon and partly on the hills adjacent to the canon.
About 35 Acres of the claim is fenced and cultivated as farm and garden, and is irrigated from Hobble Creek; the remainder of the claim is used as pasture. Claimants house is situated near the center of the claim.
The improvements are worth about $600.00
Total area of claim 153.45 Acres.

Boundaries of George L. McKenzie's private Land Claim

Latitudes, Departures and Closing errors

True bearings	Dist.	Latitudes		Departures	
		North	South	East	West
	chs.	chs.	chs.	chs.	chs.
S. 70°10' E.	21.50		7.29	20.22	
East	18.50			18.50	
South	11.52		11.52		
West	3.00				3.00
N. 84° W.	15.83	1.65			15.74
S. 85° 50' W.	10.95		.80		10.92
S. 6° 20' W.	13.75		13.67		1.52
N. 85° W.	13.88	1.21			13.83
South	.71		.71		
West	23.92				23.92
North	31.13	31.13			
East	30.21			30.21	
		33.99	33.99	68.93	68.93

Boundary of G. L. O. Tp. 7 S., R. 4 E.

Boundary of William Gallup's private land claim.
William Gallup, having duly presented his claim and proofs of twenty years adverse possession of a tract of land in Secs. 2 and 21 Tp. 7 S. R. 4 E. we proceed in accordance with special instructions to establish the boundaries as follows.
At a point 3.75 Chs. N. 0° 03' W. from the ¼ Sec. Cor. bet. Secs 20 and 21, (hereafter established in the subdivision of Tp. 7 S. R. 4 E.) We set a granite stone 20 x 8 x 6 ins., 15 ins. in the ground for beginning Cor. on William Gallup's private land claim, marked Beg. Cor. / W. G. on S. face, and raise a mound of stone 2 ft. base, 1½ ft. high. S. of Cor. Pit is impracticable.
Sept. 8, 1899: At 8h 0m A. M., Lat. Sun, U. pr. set off 40° 11' N. on the Lat. arc; 5° 39' N. on the Decl. arc, and determine a true meridian, with the prism at the above described Cor.
Thence we run over level land.

S. 59° 07' E. 12.70 Chs. At 2.65 Chs. reach from Pole Heaven Canon 25 lks. wide course S. 70° E. Enter dense undergrowth. At 6.15 Chs. reach 25 lks. wide from Pole Heaven Canon course S. E. road bears N. 75° E. and S. 65° W. At 12.50 Chs. road bears N. W. and S. E. leave undergrowth. At 12.70 Chs. set a granite stone 20 x 6 x 6 ins. 15 ins. in the ground for angle Cor. No 2 marked ∠ 2 W. G. on S. W. face, and raise a mound of stone 2 ft. base, 1½ ft. high. E. of Cor. Pit is impracticable. Thence

S. 28° 34' E. 7.50 Chs. At 0.50 Chs. road bears N. W. and S. E. At 1.50 Chs. fence, bears N. W. and S. E. enter dense undergrowth. At 6.10 Chs. fence bears N. 15° E. and S. 15° W. At 6.40 Chs. road in canon bears N. 15° E. and S. 15° W. At 7.50 Chs. set a quartzite stone, 18 x 8 x 6 ins., 12 ins. in the ground, for angle Cor. No 3 marked ∠ 3 W. G. on S. W. face, and raise a mound of stone, 2 ft. base 1½ ft. high S. W. of Cor. Pit is impracticable. Thence

S. 42° 14' E. 15.80 Chs. At 4.10 Chs. water ditch, 7 lks. wide course S. from this point Claimant's house bears S. about 4.00 Chs. distant his corral and barn are N. E. of house. At 9.80 Chs. Hobble Creek, 20 lks. wide, 1 ft. deep, rapid current, rocky bottom, course S. 35° W. At 12.20 Chs. spring branch, 10 lks. wide 4 ins. deep course S. 20° W. At 14.20 Chs. begin ascent of Mountain bears N. 20° E. and S. 20° W. At 15.80 Chs. set a quartzite stone 18 x 12 x 10 ins. 12 ins. in the ground for angle Cor. No 4 marked ∠ 4 W. G. on W. face, and raise a mound of stone 2 ft.

base 1½ ft. high. W. of cor. Pits impracticable. Th

S.16°28'W. 17.25 chs. At 4.00 chs. set a quartzite stone 20x15x5 ins. 15 ins. in the ground, for half mile cor. marked ½ M.W.G. on W. face; and raise a mound of stone, 2 ft. base 1½ ft. high W. of cor. Pits impracticable. At 17.25 chs. angle cor. No 2 on George L. McKenzie's P.L.C. heretofore described, we mark it < 5 W.G. on N.W. face, for angle cor. No 5. Thence ✓

N.70°10'W. 21.50 chs. At 1.50 chs. ft. of mountain, bears N. and S. enter scattering timber. At 3.90 chs. Hobble Creek 40 lks. wide 1 ft. deep course S.W. At 11.50 chs. leave timber and undergrowth bears N. and S. At 19.04 chs. Water ditch 6 lks. wide course S.15°E. At 19.70 chs. fence bears N. and S.20°E. At 19.85 chs. road in Cañon, bears N. and S. At 19.90 chs. begin ascent of mountain and enter dense undergrowth bears N. and S. At 21.50 chs. Angle cor. No 1 on George L. McKenzie's P.L.C. heretofore described, we mark it < 6 W.G. on N. face; for angle cor. No 6. Thence ✓

West 5.25 chs. Set a sandstone, 20x7x4 ins. 15 ins. in the ground for 1 mile cor. marked 1 M.W.G. on N. face; and raise a mound of stone 2 ft. base 1½ ft. high. N. of cor. Pits impracticable ✓

Land mountainous and level.

Soil, black loam and gravelly; 1st and 2nd rate.

Timber scattering cottonwood.

Undergrowth, oak, maple and choke cherry.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 67.25 chs.

September 8th, 1899. At this cor. we set off 5°35' N. on the decl. arc; and at 0h 4m P.M. l.m.t., observe the sun on the meridian, the resulting lat. is 40°11' N.

Thence, over mountainous land, through dense undergrowth, ascend

Boundary of P.L.C. T. 7 S., R. 4 E. - Continued

West 24.35 cop 3 Set a sandstone, 16 x 9 x 7 ins., 11 ins. in the ground for angle cor. No 7 marked < 7 W.G. on N.E. face; and raise a mound of stone 2 ft. base, 1½ ft. high N.E. of cor. Pits impracticable. Thence descend.

North 19.48 chs cop 3 At 9.00 chs. top of ridge 50 ft. above angle cor. No 7 bears N. 60° E. and S. 60° W. descend abruptly. Stone At 15.65 chs. set a lime stone 20 x 8 x 8 ins., 15 ins. in the ground for ½ mile cor. marked ½ M. W.G. on E. face; and raise a mound stone 2 ft. base 1½ ft. high E. of cor. pits impractic At 19.48 Chs. set a quartzite stone, 20 x 10 x 6 ins. 15 ins. the ground for angle cor. No 8 marked < 8 W.G. on S.E. face; and raise a mound of stone 2 ft. base 1½ high S.E. of cor. Pits impracticable. Thence

N. 51° E. 23.16 chs. At 4.00 Chs. road bears N. 54° E. and S. 54° W. at ft. of hill 4.10 Chs. fence bears N. 51° E and S. 60° W. At 23.16 Chs. set a granite stone 18 x 8 x 6 ins., 12 ins. in the ground for angle cor. No 9 marked < 9 W.G. on S. face; and ra a mound of stone 2 ft. base 1½ ft. high S. of cor. Pits impracticable. Thence

East 11.60 chs. At 1.00 chs. road bears N. 85° E. and S. 85° W. At 10.56 chs. road bears N. 80° W. and S. 80° E. At 11.00 chs. wash 20 lks. wide course S. 80° E. At 11.60 Chs. the begining cor on William Gallup's private land claim

Land mountainous
Soil gravelly loam 2nd rate.
No timber
Undergrowth, oak maple and service berry
Good grass for grazing
Mountainous land or land covered with dense undergrowth 78.59 Chs.
September 8th 1899.

General Description

William Gallup's private land claim is located in sec 20 and 21 Tp 7 S., R. 4 E. and lies mostly in Hobble Creek Cañon and on mountain West of the Cañon.

About 25. acres of the claim is highly cultivated as arm and garden, and is irrigated from Hobble Creek. remainder of the claim is used as a pasture.

Claimant and his family are living on the claim. The house is situated near the N.E. cor. of the claim. The value of the improvements is about $1200. Total area of claim is 152.38 acres.

Boundaries of William Gallup's private land claim.
Latitudes, Departures and closing errors.

Line bearing	Distance	Latitudes		Departures	
	Chains	North Chains	South Chains	East Chains	West Chains
S. 59° 07' E.	12.70		6.52	10.90	
S. 28° 34' E.	7.50		6.59	3.59	
S. 42° 14' E.	15.80		11.70	10.62	
S. 16° 28' W.	17.25		16.54		4.89
N. 70° 10' W.	21.50	7.29			20.22
West	29.60				29.60
North	19.48	19.48			
N. 51° E.	23.16	14.58		18.00	
East	11.60			11.60	
Totals		41.35	41.35	54.71	54.71

Boundaries of James H. Holley's private land claim.

James H. Holley having duly presented his claim and proofs of 20 years adverse possession of a tract of land in sec. 20, T. 7 S., R. 4 E., we proceed in accordance with Special Instructions to establish the boundary as follows:

Angle cor. No. 8 on William Gallup's private land claim, heretofore described, which is 10.48 chs. E. and 29.18 chs. N. of the ¼ sec. cor. bet. secs. 20 and 29. (as hereafter established in the subdivision of T. 7 S., R. 4 E.) we mark it Beg. Cor. 1 J. H. H. on N. W. face; for beginning cor. on James H. Holley's private land claim "tract 1"

Sept. 9, 1899: At 8h 0m a. m., l. m. t., we set off 40° 11' N., on the lat. arc; 5° 16' N., on the decl. arc; and determine a true meridian with the solar, at the above described cor.

Thence we run

Over mountainous land, through dense undergrowth.

S. 66° W. 11.50 chs. At 6.50 chs. road, bears N. E. and S. W. foot of mountain bears with road. At 11.50 chs. set a sandstone, 18 X 10 X 7 ins., 12 ins. in the ground, for angle cor. No. 2, marked ∠ 2 J. H. H. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

Thence

S. 75° W. 4.60 chs. Set a sandstone, 16 X 9 X 8 ins., 11 ins. in the ground, for angle cor. No. 3, marked ∠ 3 J. H. H. on N. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. E. of cor. Pits impracticable.

Thence

N. 41° 30' W. 12.65 chs. At 0.40 chs. fence bears N. 41° 30' W. and N. 75° E. Leave undergrowth. At 2.30 chs. wash, 4 lks. wide, course N. 60° E. At 11.40 chs. wash, 6 lks. wide, course E. Begin ascent of mountains, bears E. and W. At 12.00 chs. leave fence, bears N. and S. 41° 30' E. At 12.65 chs. set a limestone, 15 x 10 x 5 ins., 10 ins. in the ground, for angle cor. no. 4, marked ∠ 4 J. H. H. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. Enter dense undergrowth, bears E. and W.

Thence

N. 24° W. 51.25 chs. At 11.25 chs. set a sandstone, 9 x 10 x 8 ins., 12 ins. in the ground, for ½ mile cor. marked ½ M. J. H. H. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. At 31.00 chs. ridge, 900 ft. above valley, bears N. W. and S. E.; descend.

At 51.25 chs. set a quartzite stone, 16 x 10 x 9 ins., 11 ins. in the ground, for 1 mile cor., marked 1 M. J. H. H. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black loam and gravelly; 1st and 3rd rate.

No timber

Undergrowth, oak, maple and service berry.

Good grass for graging.

Mountainous land or land covered with dense undergrowth, 69.00 chs.

September 9, 1899: At the noon hour the sky is over cast and solar observations are impossible.

Thence
Over mountainous land, through dense undergrowth; ascend.

N. 24° W. 0.47 chs. Set a quartzite stone, 15 x 10 x 8 ins., 10 ins. in the ground, for angle cor. No. 5, marked ∠ 5 J. H. H. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence ascend.

East 23.94 chs. At 3.50 chs. bottom of hollow, 50 ft. below cor., course S. E.; ascend. At 10.74 chs. top of ridge, 200 ft above hollow, bears N. E. and S. W.; descend. At 19.50 chs. creek, 2 lks. wide, 2 ins. deep, in Spring Hollow, 150 ft. below ridge, course S. E.; ascend. At 23.94 chs. set a sandstone, 16 x 8 x 6 ins., 11 ins. in the ground, for angle cor. No. 6, marked ∠ 6 J. H. H. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Thence

S. 50° 49' E. 26.85 chs. At 15.59 chs. set a quartzite stone, 18 x 9 x 6 ins., 12 ins. in the ground, for 1½ mile cor. marked ½ M. J. H. H. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable. At 26.85 chs. set a quartzite stone, 18 x 8 x 6 ins. 12 ins. in the ground, for angle cor. No. 7, marked ∠ 7 J. H. H. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Thence

South 28.74 chs. At 0.50 chs. hollow, course S. 60°

E.; ascend. At 5.33 chs. top of bench, leave undergrowth and enter cultivated land, bears N. 60° W. and S. 60° E. At 12.93 chs. leave cultivated land and enter dense undergrowth, bears E. and W. At 21.33 chs. begin ascent, bears N. 80° E. and S. 80° W. At 27.08 chs. foot of ascent, leave undergrowth and enter cultivated land, bears N. 80° E. and S. 80° W. At 27.93 chs. wash, 25 lks. wide, 6 ft. deep, course N. 50° E. At 28.74 chs. set a sandstone, 16 x 9 x 7 ins., 11 ins. in the ground, for 2 mile cor., marked 2 M. J. H. M. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, mountainous and level.
Soil, black loam and gravelly; 1st and 3rd rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land or land covered with dense undergrowth 66.64 chs.

Fence.

South 4.83 chs. At 0.17 chs. fence, bears N. 65° E. and S. 65° W. leave cultivated land, bears with fence. At 4.49 chs. road, bears N. 65° E. and S. 65° W. Begin ascent and enter dense undergrowth, bears with road. At 4.83 chs. set a quartzite stone, 18 x 10 x 8 ins., 12 ins. in the ground, for angle cor. No. 8, marked 2 8 J. H. M. on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. E.

of cor. Pits impracticable.
Thence
S 31° W. 0.56 chs. To beginning cor. on James H. Holley's private land claim, also angle cor. No. 8. on William Gallup's O.L.C.
Land. mountainous and level
Soil, black loam and gravelly; 1st and 2nd rate.
No timber
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth 0.51 chs.

Latitudes Departures and closing

Course	Dist.	Latitudes		Departures	
		N. - chs.	S. - chs.	E. - chs.	W. - chs.
S. 66° W.	11.50		4.68		10.51
S. 75° W.	4.60		1.19		4.44
N. 41° 30' W.	12.65	9.47			8.38
N. 24° W.	31.72	47.25			21.64
East	23.94			23.94	
S. 30° 49' E.	26.83		16.96	20.81	
South	33.57		33.57		
S. 31° W.	0.30		.31		.29
Totals		56.72	56.71	44.75	44.76

General Description tract 1
James H. Holley's private land claim "tract 1" is located in sec. 20, T. 7 S., R. 4 E. and lies mostly at the mouth of Pole Heaven Canon
About 15 acres of the claim is cultivated as farm and garden
The soil is loam and gravelly; 1st and 2nd rate.
Area of "tract 1" 156.40 acres.
Estimated valuation of improvements on this tract $150.00

Boundary of P. L. C. T. 7 S., R. 4 E. –

Beginning 0.11 chs. N. and 16.88 chs. E. of the ¼ sec. cor. bet. secs. 20 and 21. (hereafter described.) Set a sandstone 18 X 10 X 8 ins., 12 ins. in the ground, for beginning cor. on James H. Holley's private land claim "tract 2", marked Beg. Cor. 1 J. H. H., on N. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. E. of cor. Pits impracticable

Thence we run.

Over level land.

North 2.00 chs. Set a quartzite stone, 16 X 10 X 9 ins., 11 ins. in the ground, for angle cor. No. 2, marked < 2 J. H. H. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence

East 2.00 chs. At 1.00 chs. claimants house bears South 10 lks. dist. At 2.00 chs. set a quartzite stone, 15 X 10 X 6 ins., 10 ins. in the ground, for angle cor. No. 3, marked < 3 J. H. H. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Thence

South 2.00 chs. Set a quartzite stone, 18 X 10 X 8 ins., 12 ins. in the ground, for angle cor. No. 4, marked < 4 J. H. H. on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable.

Thence

West 2.00 chs. to the place of beginning of boundary of "tract 2"

Land, level

Soil, black loam, 1st rate.

No timber

Sept 9, 1899.

Boundary of P. L. C. T. 7 S., R. 4 E. - Con

Latitudes Departures and closing errors

Course	Dist.	Latitudes		Departures.	
		N. – chs	S. – chs.	E. – chs.	W. – chs
North	2.00	2.00			
East	2.00			2.00	
South	2.00		2.00		
West	2.00				2.00
Totals		2.00	2.00	2.00	2.00

General Description tract 2

James H. Holley's private land claim "tract 2" is located in sec. 21, T. 7 S., R 4 E., and lies at the north of Pole Heaven Station:
Claimant's house is in the central part of this tract.
Estimated valuation of improvements on this tract $200.00
Area of "tract 2" 0.4 acres.
Area of "tract 1" 158.40 acres.
Total area of claim, 158.8 acres
Sept. 9. 1899.

Boundary of James Holley's private land claim.

James Holley having presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 20 and 21, T. 7 S., R. 4 E., we proceed in accordance with special instructions to establish the boundary as follows:

At a point 13.52 chs. N. 0° 03' W. of the 1/4 sec. cor., bet. secs. 20 and 21, (as hereafter established in the subdivision of T. 7 S., R. 4 E.) we set a sandstone, 24 x 12 x 8 ins., 18 ins. in the ground, for beginning cor. on James Holley's private land claim, marked B. eg. Cor. I. J. H. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.

Sept. 11, 1899: At 7h 36m a. m., l. m. t., we set off 40° 12' N., on the lat. arc, 41° 31' N., on the dec. arc; and determine a true meridian with the solar, at the above described cor.

Thence we run

Over level land, along fence; through dense undergrowth.

N. 20° 35' E. 11.92 chs. Set a quartzite stone, 20 x 12 x 5 ins., 13 ins. in the ground, for angle cor. No. 2., marked 2 J. H. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence along fence

S. 70° 35' E. 28.08 chs. At 20.00 chs. leave dense undergrowth, bears N. and S. At 28.08 chs. set a quartzite stone, 30 x 12 x 6 ins., 22 ins. in the ground, for angle cor. No. 3, and ½ mile cor., marked 3 ½ M. J. H. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits

impracticable

Thence along fence

S. 68° 35' E. 11.30 chs. At 2.30 chs. cor. of fence, bears N. 20° E. and S. 20° W. and N. 70° 35' W. At 2.50 chs. road in main cañon, bears N. 20° E. and S. 20° W. At 2.85 chs. fence, bears N. 20° E. and S. 20° W. At 3.50 chs. enter dense undergrowth, bears N. 20° E. and S. 20° W. At 6.25 chs. Hobble Creek, 20 lks. wide, 1 ft. deep, course S. 35° W. Begin ascent of mountain, bears with creek. At 11.30 chs. set a limestone, 20 x 8 x 5 ins., 15 ins. in the ground, for angle cor. No 4. marked L 4 J. H. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Gits impracticable.

Thence

S. 26° 32' W. 28.70 chs. At 23.06 chs. bottom of hollow 20 ft. below last cor. course W.; ascend. At 28.70 chs. set a limestone, 22 x 10 x 5 ins., 16 ins. in the ground, for 1 mile cor., marked 1 M. J. H. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Gits impracticable.

Land, mountainous and brush.
Soil, black loam and gravelly; 1st and 3rd rate.
No timber
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land or land covered with dense undergrowth 68.42 chs.
Sept. 11, 1899: At the noon hour the sky is overcast and solar observations are impossible.

Thence
Over mountainous land, through dense undergrowth.

S. 26° 32' W. 7. 50 chs. To angle cor. No. 4 on William Gallups P. L. C., heretofore described, we mark it ∠ 5 - J. St. on N. W. face; for angle cor. No. 5

Thence descend.

N. 42° 14' W. 15. 80 chs. At 1. 50 chs. foot of mountain, bears N. 20° E. and S. 20° W. At 3. 60 chs. spring branch, 10 lks. wide, 4 ins. deep, course S. 20° W. At 6. 00 chs. Hobble Creek, 20 lks. wide, 1 ft. deep, rapid current, course S. 35° W. At 11. 70 chs. water ditch, 7 lks. wide, course S. At 15. 80 chs. angle cor. No. 3 on William Gallups P. L. C. heretofore described, we mark it ∠ 6 J. St. on N. face; for angle cor. No 6. From this cor. claimant's house bears N. 15° E. about 11. 00 chs. dist.; his barn and corrals bear N. 30° E. about 10. 00 chs.

Thence

N. 28° 34' W. 7. 50 chs. At 1. 10 chs. road in main canon bears N. 15° E. and S. 15° W. At 1. 40 chs. fence, bears N. 15° E. and S. 15° W. At 6. 00 chs. fence, bears N. W. and S. E. Leave undergrowth At 7. 00 chs. road, bears N. W. and S. E. At 7. 50 chs. angle cor. No. 2. on William Gallups P. L. C., heretofore described, we mark it ∠ 7 J. St. on N. face; for angle cor. No. 7.

Thence

N. 39° 07' W. 12. 70 chs. At 0. 20 chs. road, bears N. W. and S. E. Enter dense undergrowth. At 6. 55 chs. wash, 25 lks. wide, from Pole Heaven Canon course S. E. Road bears N 75° E., and S. 65° W. At 9. 20 chs. set a quartzite

stone, 18 x 6 x 7 ins., 12 ins. in the ground, for 1½ mile cor. marked ½ M. J. H. on N. E. face; from which A boxelder, 6 ins. diam., bears N. 10 lks. dist., marked T. 7 S., R. 4 E. S. 21 ½ M. J. H. B. T. A maple, 6 ins. diam., bears N. 49 W., 16 lks. dist., marked T. 7 S., R. 4 E. S. 21, ½ M. J. H., B. T. At 10.05 chs. wash from Pole Heaven Canon, 25 lks. wide, course S. 70° E. leave undergrowth, bears with wash. At 12.70 chs. Beg. cor. 1 on William Gallup's P.L.C. heretofore described, we mark it L 8 J. H. on N. face: for angle cor. No. 8.

Thence [illegible] undergrowth

West 11.60 chs. At 0.60 chs. wash, 20 lks. wide, course S. 80° E. At 1.64 chs. road, bears N. [illegible] W. and S. 80° E. At [illegible] chs. road, bears N. 85° E. and S. 85° W. At 11.60 chs. angle cor. No. 9 on William Gallup's P.L.C. heretofore described, we mark it L 9 J. H. on N. E. face: for angle cor. No. 9.

Thence

S. 31° W. 22.66 chs. At 19.66 chs. fence, bears N. 51° E. and S. 60° W. At 19.[illegible] chs. road, bears N. 54° E. and S. 54° W. Begin ascent of mountain bears with road. At 22.66 chs. angle cor. No. 8 on James H. Holley's P.L.C. heretofore described, we mark it L 10 J. H. on N. E. face: for angle cor. No. 10.

Thence

North 2.24 chs. At 0.34 chs. road, bears N. 65° E. and S. 65° W. Foot of descent, bears with road, leave brush.

At 0.56 chs. fence, bears N. 65° E. and S. 65° W. enter cultivated land. At 2.24 chs. set a quartzite stone, 18 x 8 x 6 ins., 12 ins in the ground, for 2 mile cor, marked 2 M. J. H. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black loam and gravelly; 1st and 3rd rate.

No timber.

Undergrowth, oak, maple, boxelder, and chokecherry.

Good grass for graging.

Mountainous land, or land covered with dense undergrowth, 73.97 chs.

Thence, Over level Land.

North 31.33 chs. At 2.59 chs. 2 mile cor. on James H. Holley's P. L. C. At 3.40 chs. wash, 25 lks. wide, 6 ft. deep, course N. 50° E. At 4.25 chs. leave cultivated land, and ascend through dense undergrowth, bears N. 80° E. and S. 80° W. At 10.00 chs. top of bench, bears N. 80° E. and S. 80° W. thence across bench. At 18.40 chs. leave undergrowth and enter cultivated land, bears E. and W. At 26.00 chs. leave cultivated land; enter dense undergrowth; and begin descent from bench, bears N. 60° W. and S. 60° E. At 30.80 chs. hollow 100 ft. below bench, course S. 60° E. At 31.33 chs. angle cor. no 7 on James H. Holley's P. L. C. heretofore described, we mark it 2 11

J. M. on S. E. face; for angle cor. No. 11.

Thence

S. 68° 14' E. 31.43 chs. At 6.40 chs. top of bench, bears N. 50° W. and S. 50° E. thence across bench. At 8.67 chs. set a quartzite stone, 22 x 20 x 6 ins., 16 ins. in the ground, for 2½ mile cor., marked ½ m. J. M. on S. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. At 13.32 chs. fence, bears N. 80° E.; and S. 80° W. At 25.90 chs. fence, bears N. 60° W. and S. 60° E. At 30.55 chs. fence, bears N. 20° E. and S. 20° W. At 31.43 chs. set a quartzite stone, 26 x 10 x 6 ins., 16 ins. in the ground, for angle cor. No. 12, marked ∠ 12 J. M. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence

N. 0° 03' W. 2.12 chs. To beginning cor. on James Holley's private land claim.

Land, mountainous and level.
Soil, black loam and gravelly loam; 1st and 2nd rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 34.03 chs.

Sept 9, 1899.

Boundary of P.L.C. T. 7 S., R. 4 E. con.

Latitudes Departures and closing errors

Course	Dist.	Latitudes		Departures	
		N. — chs.	S. — chs.	E. — chs.	W. — chs.
N. 20° 55' E.	11.92	11.13		4.26	
S. 70° 55' E.	28.08		9.18	26.54	
S. 68° 35' E.	11.30		4.13	10.52	
S. 26° 32' W.	36.20		32.39		16.17
N. 42° 14' W.	15.80	11.70			10.62
N. 28° 34' W.	7.50	6.59			3.59
N. 59° 07' W.	12.70	6.52			10.90
West	11.60				11.60
S. 51° W.	22.66		14.26		17.61
North	33.57	33.57			
S. 68° 14' E.	31.43		11.66	29.19	
N. 0° 3' W.	2.12	2.12			
Totals		71.63	71.62	70.51	70.49

71 62 / .01 Error in lat

70 49 / .02 Error in dep.

General Description.

James Dolley's private land claim is located in secs. 20 and 21, T. 7 S., R. 4 E. and lies in Hobble Creek Canon.

About 60 acres of claim is cultivated as farm and garden, and is watered from Hobble Creek; the remainder of the claim is used as a pasture. Claimant's house is situated near the eastern part of the claim.

Total area of claim, 152.99 acres.

Value of improvements about $750.00

Boundaries of Orson H. Mower's private land claim.

Orson H. Mower having presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 16, 17, and 21, T. 7 S., R. 4 E., we proceed in accordance with Special Instructions to establish the boundary as follows:

At a point 15.35 chs. S. and 4.26 chs. E. of the cor. of secs. 16, 17, 20, and 21, T. 7 S., R. 4 E. as hereafter established. We set a quartzite stone, 20 x 10 x 5 ins., 15 ins. in the ground for beginning cor. on Orson H. Mower's private land claim, marked Beg. Cor. 1, O.H.M. on N. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pit impracticable.

Sept. 12, 1899: (At 7h 30m a.m., l.m.t., we set off 40° 12' N., on the lat. arc; 4° 9' N., on the dec. arc; and determine a true meridian with the solar, at the above described cor.

Thence we run

Over level land; through dense undergrowth.

N. 7° 23' W. 23.55 chs. At 1.40 chs. fence, bears S. 10° W. and N. 7° 23' W.; thence along fence. At 23.55 chs. set a quartzite stone, 22 x 20 x 10 ins., 16 ins. in the ground, for angle cor. No. 2, marked ∠2 O.H.M. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pit impracticable.

Thence

N. 33° 30' W. 14.65 chs. At 0.73 chs. fence, bears N. 35° W. and S. 20° E. At 0.90 chs. road, bears N. 35° W. and S. 20° E. At 14.65 chs. set a quartzite stone, 18 x 12 x 10 ins., 12 ins. in the ground,

for angle cor. No. 3, marked ∠ 3 O. H. M. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high E. of cor. Pits impracticable.

Thence along fence.

N. 42° E. 3.75 chs. At 1.80 chs. set a hard sand-stone, 20 X 10 X 8 ins., 15 ins. in the ground, for ¼ mile cor., marked ¼ M. O. H. M. on E. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. At 3.75 chs. set a sandstone, 18 X 10 X 6 ins., 12 ins. in the ground, for angle cor. No. 4, marked ∠ 4 O. H. M. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence along fence

N. 14° 30' E. 3.54 chs. Set a quartzite stone, 18 X 10 X 8 ins., 12 ins. in the ground, for angle cor. No. 5; marked ∠ 5 O. H. M. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence along fence

N. 80° 32' E. 5.52 chs. At 1.71 chs. irrigating ditch, 3 lks. wide, course S. W. At 5.32 chs. set a sandstone, 20 X 10 X 6 ins., 15 ins. in the ground, for angle cor. No. 6, marked ∠ 6 O. H. M. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence along fence

N. 53° 30' E. 2.79 chs. Set a sandstone, 22 X 12 X 6 ins., 16 ins. in the ground, for angle cor. No. 7, marked ∠ 7 O. H. M. on S face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence along fence.

East 3.63 chs. At 1.66 chs. creek, 20 lks. wide, 6 ins. deep, from Bartholamew's Canon, course S. 40° E. At 3.63 chs. set a quartzite stone, 18 x 8 x 5 ins., 12 ins. in the ground, for angle cor. No. 8, marked ∠8 O. H. M. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence along fence

S. 55° 49' E. 1.75 chs. Set a sandstone, 20 x 10 x 6 ins., 15 ins. in the ground, for angle cor. No. 9, marked ∠9 O. H. M. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence along fence

S. 41° 15' E. 2.07 chs. Set a quartzite stone, 20 x 12 x 6 ins., 15 ins. in the ground, for angle cor. No. 10, marked ∠10 O. H. M. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable

Thence along fence

S. 22° 54' E. 4.46 chs. Set a quartzite stone, 20 x 10 x 6 ins., 15 ins. in the ground for angle cor. No. 11, marked ∠11. O. H. M. on S. face, from which A cotton wood, 4 ins. diam., bears S. 20 lks. dist., marked T. 7 S., R. 4 E. S. 21, O. H. M., B. T.
A cotton wood, 4 ins diam., bears N. 80° W. 27 lks. dist. marked T. 7 S., R. 4 E. S. 21, O. H. M. B. T.

Thence along fence

S. 13° 10' E. 5.07 chs. Set a hard sandstone, 18 x 10 x 6 ins., 12 ins., in the ground, for angle cor. No. 12,

marked < 12 O. Id. M. on S. E. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence along fence

N. 74° 30' E. 4.00 chs. At 3.50 chs. road, bears N. 10° W. and S. 10° E. At 4.00 chs. set a quartzite stone, 18 X 10 X 6 ins., 12 ins. in the ground, for angle cor. No. 13, marked < 13 O. Id. M. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence

S. 2° E. 5.28 chs. Set a quartzite stone, 24 X 10 X 10 ins., 18 ins. in the ground, for 1 mile cor., marked 1 M. O. Id. M. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, level.

Soil; black loam; 1st rate.

No timber.

Undergrowth, oak, maple, cottonwood and hawthorn.

Good grass for graging.

Land covered with dense under-growth 80.00 chs.

Sept. 12, 1899: At this cor. we set off 4° 4' N., on the decl. arc; and at 0h 3m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 12' N.

Thence

Over level land; through dense undergrowth.

S. 2° E. 0.65 chs. At 0.50 chs. road, bears N. 10° W. and S. 25° E. At 0.65 chs. set

a quartzite stone, 20 x 10 x 8 ins. 15 ins. in the ground, for angle cor. No. 14, marked ∠ 14 O. H. M. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Thence

S. 27° 35' E. 8.18 chs. At 0 5-0 chs. road, bears N. 25° W. and S. 25° E. At 8.18 chs. set a quartzite stone, 22 x 10 x 6 ins, 16 ins. in the ground, for angle cor. No. 15, marked ∠ 15 O. H. M. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Thence

S. 38° 09' E. 16.39 chs. At 1.90 chs. water ditch, 6 lks. wide, course S. 20° E. At 2.15 chs. road, bears N. 45° W. and S. 38° 09' E.; leave undergrowth.

Thence along road. At 16.39 chs. set a quartzite stone, 18 x 8 x 8 ins, 12 ins. in the ground, for angle cor. No. 16, marked ∠ 16. O. H. M. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Thence along road.

S. 43° 47' E. 7.53 chs. Set a quartzite stone, 22 x 10 x 5 ins., 16 ins. in the ground, for angle cor. No. 17, marked ∠ 17 O. H. M. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence along road

S. 69° 41' E. 8.12 chs. At 3.40 chs road in main cañon, bears N. 20° E. and S. 20°

W. At 4.10 chs. fence, bears N. 20° E. and S. 20° W. Enter dense un growth, bears with fence; descend. At 6.25 chs. Hobble Creek, 30 lks. wide, 6 ins. deep; course S.: ascend mountain. At 7.25 chs. set a quartzite stone, 22 x 10 x 8 ins. 16 ins. in the ground, for 1½ mile cor., marked ½ M. O. H. M. on S face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. At 8.12 chs. a ledge, 3 x 2 x 2 ft., above ground, for angle cor. No. 18, we mark it < 18 O. H. M. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Thence

East 4.16 chs. Set a limestone, 18 x 10 x 6 ins, 12 ins., in the ground for angle cor. No 19, marked < 19 O. H. M. on S. W. face; and raise a mound of stone; 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Thence ascend.

South 34.97 chs. At 10.00 chs. top of ridge, 120 ft. above < cor. 19, bears N. 60° W. and S. 60° E.; descend. At 34.97 chs. bottom of hollow, 125 ft. below angle cor. No. 19, course W. Set a quartzite stone, 24 x 6 x 5 ins., 18 ins. in the ground, for 2 mile cor., marked 2 M. O. H. M. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high; W. of cor. Pits impracticable.

Land, level and mountainous

Soil, black loam and gravelly; 1st and 3rd rate.

No timber.

Undergrowth, oak, maple, boxelder and chokecherry.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 54.21 chs.

Thence
Over mountainous land, through dense undergrowth ascend.

South 4.08 chs. Set a quartzite stone, 24 x 10 x 5 ins., 18 ins. in the ground, for angle cor. No. 20, marked ∠20 O. M. M. on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high. N. W. of cor. Pits impracticable.

Thence

West 18.30 chs. At 2.00 chs. top of ridge, bears N. 25° W. and S. 25° E.; descend. At 18.30 chs. 1 mile cor. on James Holley's P. L. C. heretofore described, we mark the stone, ∠21 O. M. M. on N. E. face; for angle cor. No. 21 Thence

N. 26° 32' E. 28.70 chs. At 5.70 chs. hollow, course W., ascend. At 17.62 chs. set a blue limestone, 18 x 10 x 8 ins., 12 ins. in the ground, for 2½ mile cor., marked ½ M. O. M. M. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. At 28.70 chs. angle cor. No. 4 on James Holley's P. L. C., heretofore described, we mark it ∠22 O. M. M. on N. E. face; for angle cor. No. 22

Thence

N. 68° 35' W. 11.30 chs. At 0.15 chs. Dobble Creek, 20 lks. wide, 1 ft. deep, course S. 3.5° W.

foot of mountain, bears with creek. At 7.80 chs. leave undergrowth, bears N. 20° E. and S. 20° W. At 8.45 chs. fence, bears N. 20° E. and S. 20° W. At 8.80 chs. road in main cañon, bears N. 20° E. and S. 20° W. At 9.00 chs. cor. of fence, bears N. 20° E. and S. 20° W. and N. 70° 55° W. At 11.30 chs. angle cor. No. 3 and ½ mile cor. on James Holley P.L.C., heretofore described, we mark it < 23 O. H. M. on N. face, for angle cor. No 23. Claimant's house bears N. 36° E. about 5.00 chs. dist. His barn and corral and stack yard are all about 3. chs. E. of house

Thence

N. 70°55' W. 17.62 chs. At 8.08 chs. enter dense undergrowth, bears N. and S. At 17.62 chs. set a quartzite stone, 16 X 9 X 7 ins., 11 ins. in the ground, for 3 mile cor., marked 3 M. O. H. M. on N. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black loam and gravelly; 1st and 2nd rate.

No timber

Undergrowth, oak maple and boxelder, service berry and chokecherry.

Good grass for grazing.

Mountainous land or land covered with dense undergrowth, 59.08 chs.

Thence

Over level land along fence; through dense undergrowth.

N. 70°55' W. 10.46 chs. To the beginning cor. on Orson H. Mower's private land claim.

Boundary of P. L. C. – T. 7 S. R. 4 E. Continued

Land, level.
Soil, black loam; 1st rate.
No timber.
Good grass for graging
Land covered with dense under-
growth 10.46 chs.

Sept. 12. 1900.

Course	Dist.	Latitudes		Departures	
		N. – chs.	S. – chs.	E. – chs.	W. – chs.
N. 7° 23' W.	23.55	23.35			3.13
N. 33° 30' W.	14.65	12.22			8.09
N. 4° 25' W.	3.75	3.74			0.29
N. 40° 30' E.	3.54	2.69		2.30	
N. 80° 52' E.	5.32	0.84		5.25	
N. 45° 29' E.	2.93	2.05		2.09	
East	3.63			3.63	
S. 55° 49° E.	1.75		.98	1.45	
S. 41° 15' E.	2.07		1.56	1.36	
S. 22° 54' E.	4.46		4.11	1.74	
S. 13° 10' E.	5.07		4.94	1.15	
N. 74° 36' E.	4.00	1.07		3.85	
S. 2° E.	5.93		5.93	0.21	
S. 27° 35' E.	8.18		7.23	3.83	
S. 38° 09 E.	16.39		12.89	10.12	
S. 43° 47' E.	7.53		5.44	5.21	
S. 69° 41' E.	8.12		2.82	7.61	
East	4.16			4.16	
South	39.05		39.05		
West	18.30				18.30
N. 26° 32' E.	28.70	25.68		12.82	
N. 68° 35' W.	11.30	4.13			10.52
N. 70° 55' W.	28.08	9.18			26.54
		84.95	84.95	66.78	66.77

Error in dep. .01.

General Description.

Orson H. Mower's private land claim

is located in secs. 16, 17, and 21, T. 7 S., R. 4 E. and lies mostly in Idobble Creek Canon.

About 4½ acres of the claim is cultivated as farm and garden and is irrigated mostly from the creek in Burnham's Canon; the remainder of the claim is used as a pasture.

Claimant's house and other buildings are situated near the central part of the claim. ✓

Total area of claim. 156.09 acres.

The Claimant and family live on the claim.

Estimated value of improvements $1200.00 (about)

Boundary of P. L. C. T. 7 S., R. 4 E.

Boundaries of John T. Barker's private land claim.

John T. Barker having presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 16, 17, 20, and 21, T. 7 S., R. 4 E., we proceed in accordance with Special Instructions to establish the boundary as follows: At angle cor. No. 13 on Orson H. Mower's private land claim, heretofore described, which is 19.00 chs. N. and 13.67 chs. E. of the cor. of secs. 16, 17, 20, and 21 T. 7 S., R. 4 E. (described in the subdivision of T. 7 S., R. 4 E.) We mark the stone, Beg. Cor. 1 J. T. B. on N. W. face; for beginning cor. on John T. Barker's private land claim. Claimant's house bears N. 25° W. about 12.80 chs from this cor. His out buildings and corrals are W. of house. X

Sept. 13, 1899: At 8h 0m a.m., l.m.t., we set off 40° 12' N., on the lat. arc; 3° 45' N., on the decl. arc; and determine a true meridian with the solar at the above described cor.

Thence we run.

Over level land through dense undergrowth.

S. 74° 30' W. 4.00 chs. At 0.50 chs. road, bears N. 10° W and S. 10° E. Thence along fence. At 4.00 chs. angle cor. No. 12 on Orson H. Mower's P. L. C. heretofore described, we mark it, < 2 J. T. B. on N. face; for angle cor No. 2.

Thence along fence.

N. 13° 10' W. 3.07 chs. To angle cor. No 11 on Orson H. Mower's P. L. C., heretofore

described, we mark it, ∠ 3. G. T. B. on N. E. face; for angle cor. No. 3.

Thence along fence

N. 22° 54' W. 4.46 chs. To angle cor. No. 10 on Orson H. Mower's P. L. C., heretofore described, we mark it ∠ 4. G. T. B. on N. face; for angle cor. No 4.

Thence along fence

N. 41° 15' W. 2.07 chs. To angle cor. No. 9 on Orson H. Mower's P. L. C., heretofore described, we mark it ∠ 5 G. T. B. on N. E. face, for angle Cor. No. 5.

Thence along fence

N. 55° 49' W. 1.75 chs. To angle cor. No. 8 on Orson H. Mower's P. L. C., heretofore described we mark it ∠ 6 G. T. B. on N. face; for angle cor. No. 6.

Thence along fence

West 3.63 chs. At 1.97 chs. creek, 20 lks. wide 6 ins. deep from Bartholamew's Canon, course S. 20° E. At 3.63 chs. angle cor. No 7 on Orson H. Mowers P. L. C. heretofore described, we mark it ∠ 7 G. T. B. on N. face; for angle cor. No. 7

Thence along fence

S. 45° 29' W. 2.93 chs. To angle cor. No. 6 on Orson H. Mower's P. L. C. heretofore described, we mark it ∠ 8. G. T. B. on W. face, for angle cor. No 8.

Thence along fence

S. 80° 52' W. 5.32 chs. At 3.61 chs. water ditch, 3 lks. wide, course S. W. At 5.32 chs. angle cor. No. 5 on Orson H. Mower's P. L. C., heretofore described, we mark it ∠ 9 G. T. B. on N. W. face, for angle cor. No. 9.

Thence along fence

S. 40° 30' W. 3.54 chs. To angle cor. No. 4 on Orson H. Mower's P. L. C., heretofore de-

scribed, we mark it ∠ 10 G. T. B. on W. face, for angle cor. No. 10.

Thence along fence

S. 4° 25' E. 3. 75 chs. At 1.95 chs. ½ mile cor. on Orson H. Mowers O. L. C. at 3.75 chs. angle cor. No 3 on Orson H. Mowers O. L. C., heretofore described, we mark it ∠ 11 G. T. B on W. face, for angle cor. No. 11.

Thence

S. 33° 30' E. 14. 65 chs. At 3. 48 chs. set a quartzite stone, 18 X 12 X 4 ins., 12 ins. in the ground, for ¼ mile cor. marked ¼ M. G. T. B. on W. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor Pits impracticable. At 13. 75 chs. road, bears N. 35° W. and S. 20° E. At 13. 92 chs. fence, bears N. 35° W. and S. 20° E. At 14. 65 chs. angle cor No. 2 on Orson H. Mowers P. L. C., heretofore described, we mark it ∠ 12 G. T. B. on W. face, for angle cor No. 12.

Thence along fence

S. 7° 23' E. 23. 55 chs. At 22. 15 chs. leave fence, bears N. 7° 23' W. and S. 10° W. 21 23. 55 chs. Beg Cor. on Orson H. Mowers P. L. C., heretofore described, we mark it ∠ 13 G. T. B. on W. face, for angle cor No. 13.

Thence along fence

S. 20° 55' W. 5. 28 chs. Set a quartzite stone, 28 x 12 X 8 ins., 20 ins. in the ground, for ¼ mile cor. marked ¼ M. G. T. B. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, level.
Soil, black loam: 1st rate.
No timber
Undergrowth, oak, maple, boulder, and chokecherry.
Good grass for grazing.
Land covered with dense undergrowth, 80.00 chs.
Sept. 13, 1899: At the noon hour the sky is overcast and solar observations are impossible.

Thence
Over level land, along fence, through dense undergrowth.

S. 26° 35' W. 6.64 chs. To Beg. cor. No 1 on James Holley's P. L. C. heretofore described, we mark it ∠ 14 J. T. B. on N. face, for angle cor. No 14.

Thence

S. 0° 03' E. 2.12 chs. To angle cor. No. 12 on James Holley's P. L. C. heretofore described, we mark it ∠ 15 J. T. B. on N. W. face, for angle cor. No. 15.

Thence

N. 68° 14' W. 29.82 chs. At 0.88 chs. fence, bears N. 20° E. and S. 20° W. At 5.53 chs. fence, bears N. 60 W. and S. 60° E. At 18 11 chs. fence, bears N. 80° E. and S. 80° W. At 22.76 chs. 2½ mile cor. on James Holley's P. L. C. At 25.03 chs. edge of bench, bears N. 50° W. and S. 50° E. dense. At 29.82 chs. set a sandstone, 18 x 9 x 7 ins., 12 ins. in the ground, for angle cor. No 16 marked ∠ 16 J. T. B. on N. E. face and raise a mound of stone, 2 ft. base, 1½ ft. high, N. E.

of cor. Pits impracticable.

Thence ascend

North 41.42 chs. At 1.42 chs. set a sandstone, 18 X 12 X 5 ins., 12 ins. in the ground, for 1/2 mile cor., marked 1/2 M. J. T. B. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. Foot of mountain, bears N. 70° W. and S. 70° E.; ascend. At 6.00 chs. top of ridge, 150 ft. above 1/2 mile cor., bears N. W. and S E.: descend. At 20.50 chs. bottom of hollow 150 ft. below ridge, course S. 60° E.: ascend. At 41.42 chs. set a quartzite stone, 18 X 6 X 5 ins., 12 ins. in the ground, for 2 mile cor., marked 2 M. J. T. B. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black loam and gravelly; 1st and 2nd rate.

No timber.

Undergrowth, oak, maple, chokecherry and hazelder.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

Thence

Over mountainous land, through dense undergrowth ascend.

Nor 6.91 chs. Set a sandstone, 18 X 10 X 6 ins., 12 ins. in the ground for angle cor. No. 17, marked

<17 J. T. B. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.
This cor. is on top of ridge, 350 ft. above hollow, bears N. 80° W. and S. E.

Thence descend.

East 43.38 chs. At 16.00 chs. foot of mountain, bears N. and S. At 33.09 chs. set a quartzite stone, 30 x 14 x 8 ins. 24 ins. in the ground, for 2½ mile cor. marked ½ m. J. T. B. on S. face: and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. At 33.40 chs. creek, 20 lks. wide, 1 ft. deep, in Bartholamew Cañon, course S.: ascend mountain. At 36.50 chs. fence, bears N. W. and S. E. At 36.60 chs. road, bears N. W. and S. E. At 42.70 chs. fence, bears N. 60° W. and S. At 42.90 chs. road, bears N. 60° W. and S. At 43.38 chs. set a quartzite stone, 18 x 10 x 8 ins. 12 ins. in the ground, for angle cor. No. 18, marked <18 J. T. B. on S. W. face, and raise a mound of stone, 2 ft base, 1½ ft. high, S. W. of cor. Pits impracticable.

Thence

South 11.77 chs. To Beginning cor. 1 on John T. Barker's private land claim. Foot of mountain bears N. 10° W. and S. 10° E.

Land mountainous.
Soil, gravelly loam 2nd rate.
No timber.
Underground, oak and maple.
Good grass for grazing.

Boundary of P.L.C. T. 7 S., R. 4 E. — Continued

Mountainous land on land covered with dense undergrowth,
620.6 chs.

Sept. 13, 1899.

Latitudes Departures and closing errors.

Course		Dist.	Latitudes		Departures	
			N. – chs.	S. – chs.	E. – chs.	W. – chs.
S. 74° 30'	W.	4.00		1.07		3.85
N. 13° 11'	W.	5.07	4.94			1.15
N. 22° 54'	W.	4.46	4.11			1.74
N. 41° 15'	W.	2.07	1.56			1.36
N. 35° 49'	W.	1.75	.98			1.45
West		3.63				3.63
S. 45° 29'	W.	2.93		2.05		2.09
S. 80° 52'	W.	5.32		.84		5.25
S. 40° 30'	W.	3.54		2.69		2.30
S. 4° 25'	E.	3.75		3.74	.29	
S. 33° 30'	E.	14.65		12.22	8.09	
S. 7° 23'	E.	23.35		23.35	3.03	
S. 20° 35'	W.	11.92		11.13		4.26
S. 0° 03'	E.	2.12		2.12		
N. 68° 14'	W.	29.82	11.06			27.69
North		48.33	48.33			
East		43.38			43.38	
South		11.77		11.77		
Totals			70.98	70.98	54.79 54.77 .02	54.77
Error in Departure						

General Description

John T. Baker's private land claim is located in secs. 16, 17, 20, and 21, T. 7 S., R. 4 E., and lies mostly at the mouth of Bartholamews canon. About 30 acres of the claim is cultivated as farm and garden, and is watered from Bartholamew's creek, the remainder is used as pasture. Claimant and family live on claim. Claimants house, stable, out buildings and corrals are located in N. E. cor. of claim. Total area of claim 158.65 acres. Value of improvements about $ 1,000.00

Boundary of Hugh B. Wing's private land claim.

Hugh B. Wing having presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 16 and 21, T. 7 S., R. 4 E., we proceed in accordance with Special Instructions to establish the boundary as follows:

At angle cor. No. 17 on Orson H. Mowers P. L. C., heretofore described, which is 12.19 chs. S. and 5.00 chs. W. of the 1/4 sec. cor. bet. secs. 16 and 21, (as established hereafter in the subdivision of T. 7 S., R. 4 E.) we mark a B.Leg. cor. 1. H. B. W. on N. E. face, for beginning cor. on Hugh B. Wing's private land claim.

Sept. 14, 1899: At 7h 30m a. m., l. m. t., we set off 40° 12' N., on the lat. arc, 3° 2½' N. on the dec. arc; and determine a true meridian with the solar, at the above described cor.

Thence we run

Over level land, along road.

N. 43° 47' W. 7.53 chs. To angle cor. No. 16 on Orson H. Mowers P. L. C., heretofore described, we mark it L 2 H. B. W. on N. E. face; for angle cor. No. 2.

Thence along road.

N. 35° 09' W. 3.54 chs. Set a quartzite stone, 18 x 6 x 6 ins., 12 ins. in the ground, for angle cor. No. 3, marked L 3 H. B. W. on N. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. E. of cor. Pits impracticable.

Thence

N. 24° 35' E. 9.73 chs. At 0.20 chs. fence, bears N. 38° 09' W., S. 38° 09' E. and N. 24° 35' E. thence along fence, cultivated land on each side. At 9.73 chs. set a quartzite stone, 20 x 12 x 6 ins. 12 ins. in the ground, for angle cor. No. 4, marked

< 4 M. B. W. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. From this cor. the claimants house bears E. about 4.00 chs. dist., his corral and stack yard is N. of house about 2 chs.

Thence

Leave fence at edge of bench, bears N. W. and S. E. and S. 24° 35' W.; descend.

N. 23° 30' E. 23.70 chs. At 2.50 chs. road, in canon, bears N. W. and S. E.: foot of descent, bears with road. At 2.85 chs. fence, bears N. W., S. E., and N. 23° 30' E.; enter cultivated land. At 3.15 chs. spring branch, 5 lks wide, 10 ins. deep, course S. E. At 19.20 chs. set a quartzite stone, 18 X 10 X 6 ins., 12 ins. in the ground, for ¼ mile cor. marked 1/2 M. M. B. W. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. At 23.70 chs. set a quartzite stone, 18 X 12 X 8 ins., 12 ins. in the ground, for angle cor. No. 5, marked < 5 M. B. W. on N. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. E. of cor. Pits impracticable.

Thence along fence

S. 63° 46' W. 3.24 chs. Set a sandstone, 18 X 10 X 10. 12 ins. in the ground, for angle cor. No. 6, marked < 6 M. B. W. on N. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. E. of cor. Pits impracticable. Cor. of fence, bears N. E., S. W., and S. 63° 46' E.

Thence

N. 38 1/4 E. 8.35 chs. At 0.50 chs. road in cañon, bears N. E. and S. W. & enter dense undergrowth. At 8.35 chs. set a sandstone, 18 X 10 X 10 ins., 12 ins. in the ground, for angle cor. No. 7, marked 1/4 7 1/4. B. W. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence

East 23.91 chs. At 0.60 chs. road in cañon, bears N. E. and S. W. Leave undergrowth, bears with road. At 1.00 chs. fence, bears N. E. and S. W.; enter cultivated land. At 3.75 chs. leave cultivated land, and enter dense undergrowth, and scattering timber, bears N. E. and S. W. At 10.65 chs. Hobble Creek 25 lks. wide, 12 ins. deep, course S. At 12.50 chs. begin ascent of mountain, bears N. E. and S. W.; leave timber, bears N. E. and S. W. At 23.91 chs. set a sandstone, 18 X 9 X 7 ins., 12 ins. in the ground, for 1 mile cor. and angle cor. No. 8, marked 1 M. 1/4 8 1/4. B. W. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Land, level and mountainous.
Soil, black loam and gravelly; 1st and 2nd rate.
Timber, scattering cotton wood.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land or land covered with dense undergrowth 28.61 chs.

Sept. 14, 1899: At the noon hour the

sky is overcast and solar observations are impossible.

Thence
Over mountainous land, through dense undergrowth; ascend.

South 19.63 chs. At 23.00 chs. top of ridge, 200 ft. above cor. bears N. 5° W. and S. 5° E. descend. At 28.00 chs. bottom of hollow, 100 ft. below ridge, course W. At 38.00 chs. top of ridge, 130 ft. above hollow, bears N. E. and S. W.: descend. At 40.00 chs. set a quartzite stone, 18 x 10 x 6 ins., 12 ins. in the ground, for 1/4 mile cor., marked 1/4 M. 1/4. B. W. on N. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable. At 46.00 chs. hollow, 200 ft. below ridge, course N. 70° W. At 49.63 chs. set a quartzite stone, 18 x 10 x 5 ins., 12 ins. in the ground, for angle cor. No 9, marked 1/4 9 1/4. B. W. on N. W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. W. of cor. Pits impracticable.

Thence descend

West 24.72 chs. At 20.56 chs. angle cor. No 19 on Oregon 1st. mowers O. L. C. At 24.72 chs. angle cor. No. 18 on Oregon 1st. mowers O. L. C., hereto fore described; we mark it 1/4 10 1/4. B. W. on N. face, for angle cor. No 10.

Thence

N. 69 1/4 W. 3.65 chs. At 0.87 chs. 1/4 mile cor. on Oregon 1st. mowers O. L. C. At 1.87

chs. Hobbie Creek, 30 lks. wide, 6 ins. deep, course S. foot of descent ascend. At 4. 02 chs. fence, bears N. 20° E. and S. 20° W.; leave undergrowth, bears with fence, top of ascent, steep. At 4. 72 chs. road in canon, bears N. 20° E. and S. 20° W. At 5. 65 chs. set a sandstone, 16 x 10 x 9 ins., 11 ins. in the ground, for 2 mile cor., marked 2 M. M. B. W. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft high, N. of cor. Pits impracticable.

Land, mountainous and level.
Soil, black loam and gravelly; 1st and 2nd rate.
No timber.
Undergrowth, oak, maple and service berry.
Good grass for graging.
Mountainous land or land covered with dense undergrowth 78. 37 chs.

Thence Over level land along road.
N. 69° 45' W. 2. 47 chs. To beginning cor. on High B. W. Wing's private land claim.
Land, level.
Soil, black loam 1st rate.
No timber.

Sept. 14, 1899

Boundary of O. L. C. – 7 S., R. 4 E. – Continued

Latitudes Departures and closing errors

Course		Dist.	Latitudes		Departures	
			N. – chs.	S. – chs.	E. – chs.	W. – chs.
N. 43° 47'	W.	7.53	5.44			5.21
N. 38° 09'	W.	3.54	2.78			2.19
N. 24° 33'	E.	9.73	8.85		4.05	
N. 23° 30'	E.	23.70	21.73		9.45	
N. 63° 46'	W.	3.24	1.43			2.91
N. 38° 41'	E.	8.33	6.52		5.22	
East		23.91			23.91	
South		49.63		49.63		
West		24.72				24.72
N. 69° 41'	W.	8.12	2.82			7.61
Totals			49.57	49.63	42.63	42.64
			Error in lat.	49.57 / .06	Error in dep.	42.63 / .01

General Description.

Hugh B. Wings private land claim is located in sec. 16 and 21, T. 7 S., R. 4 E.

About 30 acres of the claim is cultivated as farm and garden, and is irrigated from Cobble Creek; the remainder is used as a pasture.

Claimant's house is located in the southwestern part of the claim.

Total area of claim is 159.80 acres.

Estimated value of improvements $400.00

Boundaries of Erastus J. Clark's private land claim.

Erastus J. Clark having duly presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 16 and 21, T. 7 S., R. 4 E., we proceed in accordance with Special Instructions to establish the boundaries as follows:

At a point 3.52 chs. E. and 11.69 chs. S. of the ¼ sec. cor. bet. secs. 9 and 16 (which is established and described hereafter in the subdivision of T. 7 S., R. 4 E.)

We set a sandstone, 20 x 10 x 5 ins., 15 ins. in the ground, for beginning cor. on Erastus J. Clark's land claim, marked Beg. Cor. 1 E. J. C. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

This cor. is on the top of ridge, bears N. 20° W. and S. E.

Sept. 15, 1899: At 8 h 0 m a. m., l. m., we set off 40° 13' N., on the lat. arc; 2° 59' N. on the decl. arc; and determine a true meridian with the polar at the above described cor.

Thence we run

Over mountainous land through dense undergrowth descending.

South 33.75 chs. At 25.00 chs. foot of descent, bears N. E. and S. W. At 33.75 chs. to angle cor. No 7 on North B. W. mgs. O. L. C., heretofore described, we mark it X 2 E. J. C. on W. face for angle cor. No. 2.

Thence

S. 38° 41' W. 8.35 chs. At 6.25 chs. set a quartzite stone, 20 x 10 x 8 ins., 15 ins. in the ground, for ¼ mile cor.; marked ¼ M. E. J. C. on W. face; and raise

a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impractical. At 7.85 chs. road in canon, bears N. E. and S. W.; leave undergrowth. At 8.35 chs. angle cor. No. 6 on Hugh B. Wing's P.S.C., heretofore described, we mark it L 3 E.G.C. on S.W. face, for angle cor. No. 3: Cor. of fence, bears N. E., S. W. and S. 63° 46' E.

Thence

S. 63° 46' E. 3.24 chs. to angle cor. No. 5 on Hugh B. Wing's P.S.C., heretofore described, we mark it L 4 E.G.C. on S.W. face, for angle cor. No. 4

Thence along fence

S. 23° 30' W. 23.70 chs. At 4.50 chs. ½ mile cor. on Hugh B. Wing's P.S.C. At 16.00 chs. claimants house bears W. about 4.00 chs. dist.; his barn, corrals, and out buildings are about 2.00 chs. W. of house. At 20.55 chs. spring branch, 5 lks. wide, 10 ins. deep, course S. E. At 20.85 chs. fence, bears N.W. and S.E. leave cultivated land. At 21.20 chs. road in canon, bears N.W. and S.E. Begin ascent. At 23.70 chs. angle cor. No. 4 on Hugh B. Wing's P.S.C., heretofore described, we mark it L 5 E.G.C. on W. face, for angle cor. No. 5 Cor. of fence, bears N.W., S.E. and S. 24° 35' W. Edge of bench, thence over bench.

Thence

S. 24° 35' W. 9.73 chs. At 9.53 chs. cor. of fence, bears N. 38° 09' W., S. 38° 09' E. and N. 24° 35' E. At 9.73 chs. angle cor. No. 3 on Hugh B. Wing's P.S.C., heretofore described, we mark it L 6 E.G.C. on N. face, for

angle cor. No. 6.

N. 38° 09' W. 1.23 chs. set a quartzite stone, 20 x 9 x 8 ins., 15 ins. in the ground, for 1 mile cor.; marked 1 M. E. Z. C. on N. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. E. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black loam and gravelly; 1st and 3rd rate.

No timber.

Undergrowth, oak, maple, and sage.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 41.60 chs.

September 15, 1899 I at this cor. me set off 2° 54' N., on the decl. arc; and at 0h 3m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 12' N.

Thence over level land, along road.

N. 38.09' W. 11.62 chs. At 9.47 chs. leave road, bears N. W. and S. 38° 09' E.; enter dense undergrowth. At 9.72 chs. water ditch, 6 lks. wide, course S. 70° E. At 11.62 chs. angle cor. No 15 on Orson H. Mower's P. S. C., heretofore described, we mark it, ⟨ 7 E. Z. C. on N. E. face, for angle cor. No. 7.

Thence

N. 27° 55' W. 8.18 chs. At 7.68 chs. road, bears N. 25° W. and S. 25° E. At 8.18 chs. angle cor. No. 14 on Orson H. Mower's P. S. C., heretofore described, we mark it ⟨ 8 E. Z. C. on E. face, for angle Cor. No. 8.

Thence

N. 2° W. 5.93 chs. At 0.15 chs. road, bears N. 10° W.

and S. 2 5° E. At 0.65 chs. 1 mile cor. on Orson H. Mower's P. L. C. At 5.93 chs. angle cor. No. 13 on Orson H. Mower's P. L. C. and cor. No 1 on John T. Barker's P. L. C., heretofore described, we mark it ∠ 9 E. Q. C. on E. face, for angle cor. No. 9.

Thence

Begin ascent of mountain bears N. 10° W. and S. 10° E.

North 47.49 chs. At 11.77 chs. angle cor. No. 18 on John T. Barker's P. L. C. At 14.27 chs. set a quartzite stone, 22 x 14 x 4 ins., 18 ins. in the ground, for 1/2 mile cor. on Erastus J. Clark's P. L. C., marked 1/2 M. E. Q. C. on E face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor. Pits impracticable. At 47.49 chs. set a quartzite stone, 20 x 12 x 10 ins., 15 ins. in the ground for angle cor. No. 10, marked ∠ 10 E. Q. C. on S. E. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. E. of cor. Pit, impracticable.

Thence ascend.

N. 86° 55' E. 6.78 chs. At 1.60 chs. top of ridge, bears N. and S. 10° E. At 6.78 chs. set a quartzite stone, 18 x 8 x 11 ins., 12 ins. in the ground, for 2 mile cor., marked 2 M. E. Q. C. on S. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor. Pits impracticable.

Land, level and mountainous.

Soil, black loam and gravelly; 1st and 3rd rate.

No timber.

Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 66.99 chs.

Thence
Over mountainous land, through dense undergrowth; descend.
N. 86° 55' E. 21.01 chs. At 2.87 chs. bottom of hollow; 150 ft. below ridge, course S. 20° E., ascend. At 21.01 chs. the beginning. cor. on Erastus G. Clark's private land claim.
Land, mountainous.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 21.01 chs.
Sept. 15, 1899.

Latitudes departures and closing errors

Course	Distance Chs.	Latitudes N. Chs.	Latitudes S. Chs.	Departures E. Chs.	Departures W. Chs.
South	33.75		33.75		
S. 38° 41' W.	8.35		6.25		5.22
S. 63° 46' E.	3.24		1.43	2.91	
S. 23° 30' W.	23.70		21.73		9.45
S. 24° 35' W.	9.73		8.85		4.05
N. 38° 09' W.	12.85	10.11			7.94
N. 27° 55' W.	8.18	7.23			3.83
N. 2° W.	5.93	5.93			0.21
North	47.49	47.49			
N. 86° 55' E.	27.79	1.50		27.75	
Totals		72.26	72.28	30.66	30.70
			72.26		30.66
Dif.			.02		.04

Boundary of O. L. C. T. 7 S., R. 4 E. – Con

General Description

Erastus J. Clark's private land claim lies mostly in Hobble Creek Cañon, and partly on the mountain W. of the cañon.

About 20 acres of the claim is cultivated as farm and garden, and is irrigated from Hobble Creek and the creek from Bartholamew's Cañon: the remainder of the claim is used as a pasture.

Claimant's house is near the south eastern part of the claim.

Claimant and family reside on the claim.

Area of claim 159.12 acres.

Estimated valuation of improvements $800.00

Boundaries of Oscar Anderson's private land claim.

Oscar Anderson having duly presented his claim and proofs of 26 years adverse possession of a tract of land in secs. 16 and 17. T. 7 S., R. 4 E., we proceed in accordance with Special Instructions to establish the boundaries as follows:

Set a quartzite stone, 22 x 12 x 9 ins., 16 ins. in the ground, for beginning cor. on Oscar Anderson's private land claim, marked Beg. Cor. / O. A. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable

Sept. 16, 1879: At 8h 0m a. m., l. m. t., we set off +0° 13' N., on the lat. arc; 2° 36' N. on the decl. arc; and determine a true meridian with the solar at the above described cor.

Thence we run

Over the mountainous land, through dense undergrowth; descend.

S. 1 E. 12 chs. At 10.00 chs. set a quartzite stone, 36 x 14 x 9 ins., 24 ins. in the ground, for ½ mile cor., marked ½ m. O. A. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. At 11. 12 chs. set a quartzite stone, 18 x 9 x 6 ins., 12 ins. in the ground, for angle cor. No 2, marked ∠ 2 O. A. on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable.

Thence

West 38.88 chs. At 0.63 chs. road, bears N. W. and S. E. at foot of mountain N. W. and S. E. At 0.73 chs. fence, bears N. W. and S. E. At 3.83 chs. creek, 20 lks. wide, 1 ft. deep in Barthola mew's canon, course S. At 4.14 chs. 2½ mile cor. on John T. Baker's P. L. C. At 6.33 chs. Claimant's house bears N. 0.50 chs. dist. At 21.23 chs. ascend mountain, bears N. and S. At 37.23 chs. angle cor. No. 17 on John T. Baker's P. L. C. At 38.88 chs. set a sandstone, 15 x 10 x 6 ins., 10 ins. in the ground, for angle cor. No. 3 and 1 mile cor., marked 3.1 M. O. A. on N. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high N. E. of cor. Pits impracticable. Top of ridge bears N. 80° W. and S. E. descend.

Land, mountainous

Soil, gravelly loam; 2nd rate.

No timber.

Undergrowth, oak, maple, and service berry.

Good grass for grazing.

Mountainous land or land covered with dense undergrowth, 80.00 chs.

Sept. 16, 1899: At the noon hour the sky is overcast and solar observations are impossible.

Thence

Over mountainous land through dense undergrowth; along E. face of mountain; ascend.

North 41.12 chs. At 0.30 chs. top of ridge; bears

N. 80° W. and S. 80° E. descend. At 40.00 chs. set a quartzite stone, 16 x 12 x 7 ins., 11 ins. in the ground, for 1/2 mile cor., marked 1/2 M. O. A. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. At 41.12 chs. set a quartzite stone, 22 x 12 x 9 ins., 16 ins. in the ground, for angle cor. No. 4, marked 4 O. A. on S. E. face; and raise a mound of stone 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence ascend.

East 38.88 chs. At 14.50 chs. cr. 15 lks. wide, 8 ins. deep, rapid current, in bottom of Bartholomew's Cañon 100 ft. below cor., course S. 10° E. At 15.00 chs. road, bears N. 30° W. and S. 30° E.; ascend mountain. At 33.00 chs. top of ridge 300 ft. above hollow bears N 10° E. and S.; descend. (1138.88 chs. beginning cor. and 2 mile cor.; we mark it, 2 M. a on the S. W. face, for 2 mile cor. on Oscar Anderson's private land claim.

Land, mountainous

Soil, gravelly loam; 2nd rate.

No timber

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land or land covered with dense undergrowth, 80.00 chs.

Sept. 16, 1899.

Boundary of P. L. C. T. 7 S., R. 4 E. Con.

Latitude Departures and closing no

Course	Dist.	Latitudes N.-chs.	Latitudes S.-chs.	Departures E. chs.	Departures W.-chs
South	41.12		41.12		
West	38.88				38.88
North	41.12	41.12			
East	38.88			38.88	
Totals		41.12	41.12	38.88	38.88

General Description

Oscar Anderson's private land claim was mostly in Bartholamew's Cañon; in secs. 16 and 17, T. 7 S., R. 4 E.

About 5 acres of the claim is cultivated as farm and garden, and is irrigated from the creek in Bartholamew's Cañon; the remainder of the land is used as a pasture for sheep and cattle owned by claimant.

Claimant's house is located near the S. E. cor. of the claim.

Total area of claim 154.84 acres.

Estimated valuation of improvements 3200 ‰.

Boundaries of George W. Clark's private land claim.

George W. Clark having duly presented claim and proofs of 20 years adverse possession of a tract of land in secs. 15 and 16, T. 7 S., R. 4 E.; we proceed in accordance with Special Instructions to establish the boundaries as follows:

At angle cor. No. 7 on Hugh B. Wing's G. L. C., and angle cor. No. 2 on Erastus G. Clark's P. L. C., heretofore described, which is 34.56 chs. N. and 3.45 chs. E. of the ¼ sec. cor. bet. secs. 16 and 21. (as hereafter established and described in the subdivision of T. 7 S., R. 4 E.) we mark it, Beg. Cor. 1 G. W. C. on N. E. face, for beginning cor. on George W. Clark's private land claim.

Sept. 17. 1899: At 7h 38m a.m., l.m.t., we set off 40° 12' N., on the lat. arc; 2° 13' N., on the decl. arc; and determine a true meridian with the solar, at the above described cor.

Thence we run

Over level land, through dense undergrowth.

North 32.19 chs. At 8.75 chs. begin ascent of mountain, bears N. E. and S. W. At 32.19 chs. set a quartzite stone 18 X 10 X 6 ins., 12 ins. in the ground for angle cor. No. 2 on George W. Clark's P. L. C., marked 2 2 G. W. C. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable. Claimant's house, bears S. 32° E. about 20.00 chs. dist. from this cor.

Thence

East 17.74 chs. At 1.00 chs. top of ridge; 25.0 ft. above cation, bears N. W. and S. E.;

descend. At 7.81 chs. set a quartzite stone, 18 X 8 X 6 ins., 12 ins. in the ground, for ½ mile cor., marked ½ M. O. W. C. on S. face, and raise a mound of stone 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. At 17.74 chs. set a quartzite stone, 18 X 9 X 3 ins. 12 ins. in the ground, for angle cor. No. 3, marked 3 O. W. C. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence

S 38° E. 13.25 chs. At 4.20 chs. road in cañon, at foot of mountain, bears N. 20° E. and S. 20° W. At 5.60 chs. Hobble Creek, 20 lks. wide, 12 ins. deep, course S. 25° W.; ascend. At 13.25 chs. set a quartzite stone, 18 X 12 X 8 ins., 12 ins. in the ground, for angle cor. No. 4, marked 4 O. W. C. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence

Ascend mountain bears E. and N. W.

N 46° E. 9.90 chs. Set a quartzite stone, 22 X 10 X 6 ins., 16 ins. in the ground, for angle cor. No. 5, marked 5 O. W. C. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence descend.

East 6.92 chs. Set a quartzite stone, 22 X 8 X 3 ins. 16 ins. in the ground, for 1 mile cor., marked 1 M. O. W. C. on S. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of

cor. Pits impracticable.
Land, mountainous and level.
Soil, black loam and gravelly; 1st and 2nd rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.
Sept. 17, 1899: At this cor. we set off 2° 9' N., on the decl. arc; and at 0h 3m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 13' N.

Thence
Over mountainous land, through dense undergrowth.

East 5.08 chs. Set a quartzite stone, 18 X 10 X 6 ins., 12 ins. in the ground, for angle cor. No. 6, marked < 6 G. W. C. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Thence descend.

South 32.05 chs. At 8.65 chs. road, bears E. and W. in bottom of granges Cañon course W.; ascend. At 21.00 chs. top of ridge, 300 ft. above cañon, bears N. W. and S. E.; descend. At 32.05 chs. set a sandstone, 20 X 10 X 4 ins., 15 ins. in the ground, for angle cor. No. 7, marked < 7 G. W. C. on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable.

Thence

Boundary of T. 2 S. R. 3, R. 4 E. — continued.

West | 42.87 chs. At 1.00 chs bottom of hollow 20 ft. below angle cor., course N. 20° W. At 2.87 chs. set a sandstone, 20 X 14 X 7 ins., 15 ins. in the ground, for 1½ mile cor., marked ½ M. G. W. C. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. At 5.52 chs. top of ridge, 100 ft. above hollow, bears N. and S.; descend. At 14.32 chs. hollow, 120 ft. below ridge, course N. 15° W.; ascend. At 17.87 chs. top of ridge, 100 ft. above hollow, bears N. 15° W. and S. 5° W.; descend. At 24.19 chs. angle cor. No. 8. on Hugh B. Wings P. L. C. At 35.60 chs. foot of descent, bears N. E. and S. W. Enter scattering timber, bears N. E. and S. W. At 37.45 chs Hobble Creek, 25 lks. wide, 12 ins. deep, course S. At 42.87 chs. set a quartzite stone, 20 X 6 X 6 ins, 15 ins. in the ground, for 2 mile cor., marked 2 M. G. W. C. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black loam and gravelly; 1st and 3rd rate.

Timber, scattering cottonwood.

Undergrowth, oak, maple and cervicberry.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

Thence

Over level land, through dense undergrowth and scattering timber.

West 5.23 chs. At 1.48 chs. leave underground and timber, and enter cultivated land, bears N.E. and S.W. At 4.23 chs. fence, bears N.E. and S.W.; leave cultivated land. At 4.63 chs. road in Canon, bears N.E. and S.W. Enter dense underground, bears N.E. and S.W. At 5.23 chs. the beginning cor. on George W. Clark's private land claim.

Land, level.
Soil, black loam; 1st rate
Timber, scattering cotton wood.
Undergrowth, oak and maple.
Good grass for grazing.
Land covered with dense underground, 2.08 chs.

Sept. 17. 1899.

Latitudes Departures and closing errors.

Course	Dist.	Latitudes		Departures	
		N. – chs.	S. – chs.	E. – chs.	W. – chs.
North	32.19	32.19			
East	17.74			17.74	
S. 58° E.	13.25		7.02	11.24	
N. 46° E.	9.90	6.88		7.12	
East	12.00			12.00	
South	32.05		32.05		
West	48.10				48.10
Totals		39.07	39.07	48.10	48.10

General Description

George W. Clark's private land claim is located in Secs. 15 and 16, T. 7 S., R. 4 E., and lies mostly in Lobbie's Creek Canon.

About 25 acres of the claim is cultivated as farm and garden, and is irrigated from the creek in the left hand fork of Stobbie Creek Canon; the remainder of the claim is used as a pasture.

Claimant's house is near the central part of the claim.

Total area of claim 148.17 acres.

Value of improvements about $500.00.

Boundaries of Sarah Elizabeth Strong private land claim.

Sarah Elizabeth Strong having duly presented her claim and proofs of 20 years adverse possession of a tract of land in secs. 9. 10. and 16, T. 7 S. R. 4 E. we proceed in accordance with Special Instructions to establish the boundaries as follows:

At a point 19.58 chs. N. and 11.42 chs. E. of the cor. of secs. 9. 10. 15, and 16, T. 7 S., R. 4 E. (as established and described hereafter in the subdivision of T. 7 S. R. 4 E.) Set a quartzite stone, 20 x 10 x 8 ins, 15 ins. in the ground for beginning cor. on Sarah Elizabeth Strong's private land claim, marked B.C. Cor. / S. E. S. on W. face; from which

A cotton wood, 6 ins. diam. bears N. 65° W. 140 lks. dist., marked T. 7 S. R. 4 E., S. 10 S. E. S. B. T. and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable

Sept. 18, 1899: At 8h 0m a.m., L. mg. 1., we set off 40° 13' N., on the lat. arc; 1° 50' N., on the decl. arc; and determine a true meridian with the solar, at the above described cor.

Thence we run

Over mountainous land, through dense undergrowth.

S. 0° 16' W. 22.67 chs. Set a quartzite stone, 18 x 9 x 6 ins., 12 ins. in the ground, for angle cor. No. 2, marked L 2 S. E. S. on W. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Thence ascend.

S. 0° 2' E. 13.45 chs. At 12.00 chs. top of spur, 130 ft. above cor. bears N. E. and S. W.; descend. At 13.45 chs. angle cor. No. 3, on gorge

W. Clark's P.L.C., heretofore described, we mark it < 3 S.E.S. on W. face, for angle cor. No. 3 From this cor. claimant's house bears N. 31° 30' W. about 15.80 chs. to N.W. cor. corrals and stack yard, bears N. 80° W. about 11.00 chs. dist.

Thence

S. 46° W. 9.90 chs. At 3.88 chs. set a quartzite stone, 18 x 10 x 8 ins., 12 ins. in the ground, for ½ mile cor., marked ½ M. S.E.S. on N.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N.W. of cor. Pits impracticable. At 9.90 chs. angle cor. No. 4 on George W. Clark's P.L.C., heretofore described, we mark it < 4 S.E.S. on N. face, for angle cor. No. 4

Thence

S. 8° W. 13.25 chs. At 7.65 chs. Stobble Creek, 20 lks. wide, 12 ins. deep, course S. 25° W.; ascend. At 9.15 chs. road in canon, bears N. 20° E. and S. 20° W. At 13.25 chs. angle cor. No. 3 on George W. Clark's P.L.C., heretofore described, we mark it, < 3 S.E.S. on N. face, for angle cor. No. 3.

Thence,

West 10.84 chs. At 9.93 chs. ½ mile cor. on George W. Clark's P.L.C. At 10.84 chs. Set a quartzite stone, 20 x 10 x 4 ins., 15 ins. in the ground, for angle cor. No. 6, marked < 6 S.E.S. on N.E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N.E. of cor. Pits impracticable.

Thence

Along E. face of mountain.

North 9.89 chs. Set a sandstone line

stone, 20 x 12 x 8 ins., 15 ins. in the ground, for 1 mile cor., marked 1 M. S. E. S. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, mountainous
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak, maple and service-berry.
Good grass for grazing.
Mountainous land or land covered with dense undergrowth, 80.00 chs.
Sept. 18, 1899: At the noon hour the sky is overcast and solar observations are impossible.

Thence
Over mountainous land, through dense undergrowth, along E. face of mountain.

North 45. 69 chs. At 40.00 chs. set a sandstone, 20 x 12 x 8 ins., 15 ins. in the ground, for 1½ mile cor., marked ½ M. S. E. S. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. At 45. 69 chs. set a sandstone, 18 x 10 x 8 ins. or 12 ins., in the ground, for angle cor. No. 7, marked ∠7 S. E. S. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence
Descend.

S. 60° 30' E. 34. 31 chs. At 15.00 chs. bottom of cañon, 150 ft. below angle cor. course S. 10° E., ascend gently. At 34. 31 chs. set a quartzite stone, 26 X 12 X 10 ins., 18 ins. in the ground for 2 mile cor. pr. marked 2 m. S. E. S. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Land, mountainous.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak, maple and service-berry.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.

Thence
Over mountainous land, through dense undergrowth; descend.

S. 60° 30' E. 12. 18 chs. At 9.50 chs. ditch, 4 lks. wide, course S. W. At 10.75 chs. Hobble Creek, 20 lks. wide, 4 ins. deep, course S. W., ascend. At 12. 18 chs. the beginning cor. on Sarah Elizabeth Strong's private land claim. At 9.00 chs. road, bears N. E. and S. W.

Land, mountainous
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak, maple and service berry.
Good grass for grazing.
Mountainous land or land covered with dense undergrowth,

Boundary of O. L. C. T. 7 S. R. 4 E. Con

.12. 18 chs.

Sept. 18. 1899.

Latitudes Departures and closing errors.

Course	Dist.	Latitudes		Departures.	
		N.-chs.	S.-chs.	E.-chs.	W.-chs.
S. 30°15' W.	22.67		19.58		11.42
S. 0° 2' E.	13.43		13.43	.01	
S. 46° W.	9.90		6.88		7.12
N. 58° W.	13.25	7.02			11.24
West	10.84				10.84
North	55.58	55.58			
S. 60°30' E.	46.49		22.66	40.60	
Totals		62.60	62.57	40.61	40.62
		62.57			40.61
Error in lat.		.03		Error in dept.	.01

General Description.

Sarah Elizabeth Strong's private land claim lies mostly in Hobble Creek Canon in secs. 9, 10, and 16, T. 7 S. R. 4 E.

About 30 acres of the claim is cultivated as farm and garden, and is irrigated mostly from reservoirs, the remainder of the claim is used as a pasture.

Claimant's house is located near the east central part of the claim.

Total area of claim, 159.64 acres.

Value of improvements about $800.00

BLANK

PAGE

BLANK

PAGE

Boundaries of John W. Dougall's private land claim.

John W. Dougall having duly presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 9 and 10, T. 7 S., R. 4 E., we proceed in accordance with Special Instructions to establish the boundaries as follows:

At a point 11.30 chs. S. and 10.43 chs. E. of the ¼ sec. cor. bet. secs. 3 and 10, T. 7 S., R. 4 E. (as established and described hereafter in the subdivision of T. 7 S., R. 4 E.) Set a quartzite stone, 20 x 10 x 8 ins., 15 ins. in the ground, for beginning cor. on John W. Dougall's P.S.C., marked Beg. Cor. / J. W. D. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

September 19, 1899; At 8h 0m a.m., l.m.t., we set off 40° 13' N., on the lat. arc; 1° 26' N., on the decl. arc; and determine a true meridian with the solar, at the above described cor.

Thence we run

Over level land; through dense undergrowth

.53° 13' E. 8.00 chs. At 3.85 chs. Hobble Creek, 20 lks. wide, 6 ins. deep, course S. W.; ascend mountain. At 5.87 chs. fence, bears N. E. and S. W. At 8.00 chs. set a quartzite stone, 18 x 10 x 8 ins., 12 ins. in the ground, for angle cor. No. 2, marked < 2 J. W. D. on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Thence along side of mountain.

.36° 47' W. 34.50 chs. At 32.00 chs. set a hard sandstone, 18 x 10 x 7 ins., 12 ins. in the ground, for ¼ mile cor., marked

marked ½ M. J. W. D. on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable. At 34.50 chs. set a sandstone, 30 x 10 x 10 ins., 24 ins. in the ground, for angle cor. No. 3, marked <3 J. W. D. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Thence

S. 54° 30' W., 26.00 chs. set a sandstone, 20 x 14 x 5 ins., 15 ins. in the ground, for angle cor. No. 4, marked <4 J. W. D. on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable.

Thence descend.

N. 35° 30' W., 11.50 chs. At 3.40 chs. Hobble Creek, 20 lks. wide, 12 ins. deep, course S. W. At 3.75 chs. fence, bears N. E. and S.; ascend. At 5.75 chs. road, bears N. E. and S. W. At 9.00 chs. ditch, 3 lks. wide, 2 ins. deep, course S. W. At 11.50 chs. set a hard sandstone, 18 x 10 x 6 ins., 12 ins. in the ground, for 1 mile cor., marked 1 M. J. W. D. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black and gravelly loam; 1 stand 2 nd rate.

No timber.

Undergrowth, oak, maple, service-berry and choke cherry.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

September 19, 1899: At this cor. we set off 1° 22' N., on the decl. arc; and at 0h 2m

p.m., l.m.t., observe the sun on the meridian, the resulting lat. is 40°13' N.

Thence over mountainous land; through dense undergrowth; ascend.

N.35°30'W. 34.50 chs. set a sandstone, 24x13x8 ins., 18 ins. in the ground, for angle cor. No. 5, marked <5 J.W.D. on N.E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N.E. of cor. Pits impracticable.

Thence

N.54°30'E. 29.63 chs. At 5.50 chs. set a sandstone, 18x8x8 ins., 12 ins. in the ground, for 1½ mile cor., marked ½M. J.W.D. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. At 6.75 chs. top of ridge, 50 ft. above angle cor., bears N.20° W. and S.20° E. descend. At 10.00 chs. bottom of hollow, 50 ft. below ridge, course S.E., ascend. At 29.63 chs. set a hard sandstone, 18x8x5 ins., 12 ins. in the ground, for angle cor. No. 6, marked <6 J.W.D. on S.E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.E. of cor. Pits impracticable.

Thence descend.

S.50°20'E. 9.55 chs. At 7.76 chs. road, bears N. and S. At 7.80 chs. ditch, 4 lks. wide, 2 ins. deep, course S. At 9.55 chs. set a quartzite stone, 18x7x6 ins., 12 ins. in the ground, for angle cor. No. 7, marked <7 J.W.D. on S.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.W. of cor. Pits impracticable. Foot of descent, enter cultivated land, bears E. and W.

Thence

South 6.32 chs. At 3.95 chs. ditch, 4 lks. wide, course S.E. Leave cultivated land and enter dense undergrowth, bears N.W. and S.E. At 4.45 chs. road, bears N.W. and S.E. At 6.32 chs. set a quartzite stone, 18 x 12 x 8 ins., 12 ins. in the ground, for 2 mile cor., marked 2 M. J.W.D. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black and gravelly loam; 1st and 2nd rate.

No timber.

Undergrowth, oak, maple, and service-berry.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 76.05 chs.

Thence over level land; through dense undergrowth.

South 13.59 chs. set a sandstone, 30 x 10 x 9 ins., 24 ins. in the ground, for angle cor. No. 8, marked ∠8 J.W.D. on S.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.W. of cor. Pits impracticable.

Thence

S. 50°20' E. 5.90 chs. At 1.60 chs. ditch, 6 lks. wide, course S.W. At 2.10 chs. fence, bears N. 20° E. and S. 20° W. Leave undergrowth and enter cultivated land. At 3.55 chs. the N.E. cor. of claimant's house bears S. 5 lks. dist. At 3.75 chs. ditch, 6 lks. wide, course S.W. At 5.90 chs. set a sandstone, 16 x 9 x 7 ins., 11 ins. in the ground, for angle cor. No. 9, marked

marked 9 J.W.D. on S. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence

N. 50° E. 7.54 chs. set a sandstone, 20 x 10 x 7 ins., 15 ins. in the ground, for angle cor. No. 10, marked 10 J.W.D. on S.E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.E. of cor. Pits impracticable.

Thence

N. 48° 50' E. 27.02 chs. At 6.06 chs. ditch, 4 lks. wide, course S.E. At 6.46 chs. leave cultivated land and enter dense undergrowth, bears N.W. and S.E. Descend. At 8.46 chs. bottom of Whitamore Canon, course S.E.; ascend. At 12.97 chs. set a sandstone, 20 x 12 x 8 ins., 15 ins. in the ground, for 2½ mile cor., marked ½ M. J.W.D. on S.E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.E. of cor. Pits impracticable. Edge of bench; enter cultivated land, and leave undergrowth, bears N.W. and S.E. At 17.50 chs. leave cultivated land and enter dense undergrowth, bears N. and S. At 19.70 chs. fence, bears N. and S. At 19.95 chs. road, bears N. and S. At 20.95 chs. fence, bears N. and S. At 22.40 chs. fence, bears N. and S. Leave undergrowth and enter cultivated land, bears N. and S. At 24.50 chs. leave cultivated land and enter dense undergrowth, bears N. and S. At 27.02 chs. the beginning cor. on John W. Dougall's private land claim.

Land, nearly level.

Soil, black loam; 1st rate.

No timber.
Undergrowth, oak and maples.
Good grass for grazing.
Land covered with dense undergrowth, 29.62 ch.

September 19, 1899.

General Description.

John W. Dougall's private land claim lies mostly in Hobble Creek Canon, in secs. 9 and 10, T. 7 S., R. 4 E.

About 12 acres of the claim is cultivated as farm and garden, and is mostly watered from Whitamore Creek; the remainder of the claim is used as a pasture

Claimant's house is located near the North central part of the claim.

Total area of claim, 158.17 acres.

Estimated valuation of improvements about $500.

Latitudes departures and closing errors.

True bearing	Distance	Latitudes		Departures	
		N.	S.	E.	W.
	Chs.	Chs.	Chs.	Chs.	Chs.
S. 53° 13' E.	8.00		4.79	6.41	
S. 36° 47' W.	34.50		27.63		20.66
S. 54° 30' W.	26.00		15.10		21.17
N. 35° 30' W.	46.00	37.45			26.71
N. 54° 30' E.	29.63	17.21		24.12	
S. 50° 20' E.	9.55		6.10	7.35	
South	19.91		19.91		
S. 50° 20' E.	5.90		3.77	4.54	
N. 50° E.	7.54	4.85		5.78	
N. 48° 50' E.	27.02	17.79		20.34	
Totals		77.30	77.30	68.54	68.54

Boundaries of Hugh M. Dougall's private land claim.

Hugh M. Dougall having duly presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 3, 4, and 10, T. 7 S., R. 4 E., we proceed in accordance with Special Instructions to establish the boundaries as follows:

Cit angle cor. No. 10 on John W. Dougall's P.S.C., heretofore described, which is 29.09 chs. S. and 9.91 chs. W., of the ± sec. cor. bet. secs. 3 and 10, T. 7 S., R. 4 E. (as established and described hereafter in the subdivision of T. 7 S., R. 4 E.) we mark it Beg. Cor. 1 H. M. D. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable. September 20, 1899; Cit 8h 30m a. m., l. m. t., we set off 40° 13' N., on the lat. arc; 1° 02' N., on the decl. arc; and determine a true meridian with the solar at the above described cor.

Thence we run

Over level land; through cultivated field.

S. 50° W. 7.54 chs. to angle cor. No. 9 on John W. Dougall's P.S.C., heretofore described, we mark it ∠2 H. M. D. on N. face, for angle cor. No. 2.

Thence

N. 50° 20' W. 5.90 chs. At 1.75 chs. claimant's house bears N. 8 lks. dist. At 2.15 chs. ditch, 6 lks. wide, course S. W. At 3.80 chs. fence, bears N. 20° E. and S. 20° W. Leave cultivated land and enter dense undergrowth. At 4.30 chs. ditch, 6 lks. wide course S. W. At 5.90 chs. angle cor. No. 8 on John W. Dougall's P.S.C., heretofore described, we mark it

		<3 H. M. D. on N. E. face, for angle cor. No. 3.
		Thence
North	19.91 chs.	At 13.59 chs. the 2 mile cor. on John W. Dougall's P.S.C. At 15.46 chs. road, bears N. W. and S. E. At 15.96 chs. ditch, 4 lks. wide, course S. E. Leave dense undergrowth and enter cultivated land, bears N. W. and S. E. At 19.91 chs. angle cor. No. 7 on John W. Dougall's P.S.C., heretofore described, we mark it <4 H. M. D. on N. E. face, for angle cor. No. 4. Leave cultivated land and enter dense undergrowth, bears E. and W.
		Thence
N. 50° 20' W.	46.65 chs.	At 1.75 chs. ditch, 4 lks. wide, 2 ins. deep, course S. At 1.79 chs. road, bears N. and S. At 6.65 chs. set a sandstone 16x8x8 ins., 11 ins. in the ground, for ¼ mile cor., marked ½ M. H. M. D. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. At 9.55 chs. angle cor. No. 6 on John W. Dougall's P.S.C. At 46.65 chs. set a sandstone, 18x8x8 ins., 12 ins. in the ground, for 1 mile cor., marked 1 M. H. M. D. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.
		Land, mountainous and level.
		Soil, black loam and gravelly; 1st and 3rd rate.
		No timber.
		Undergrowth, oak, maple, and choke cherry.
		Good grass for grazing.
		Mountainous land, or land covered with dense undergrowth, 64.71 chs.
		September 20, 1899. At the noon hour the sky is overcast and solar observations

	are impossible.
	Thence over mountainous land; through dense undergrowth; ascend.
N.50°20'W.	29.75 chs. set a quartzite stone, 24x9x9 ins., 18 ins. in the ground, for angle cor. No. 5, marked <5 H.M.D. on E. face; and raised a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
	Thence
N.36°47'E.	15.25 chs. At 10.25 chs. road, bears N.50°20'W. and S.50°20'E. At 10.25 chs. set a sandstone, 20x9x9 ins., 15 ins. in the ground, for 1½ mile cor., marked ½ M.H.M.D. on N.E. face; and raised a mound of stone, 2 ft. base, 1½ ft. high, N.E. of cor. Pits impracticable. At 12.00 chs. bottom of Whitamore Canon, course S.50°20'E.; ascend. At 15.25 chs. set a quartzite stone, 26x12x4 ins., 18 ins. in the ground, for angle cor. No. 6, marked <6 H.M.D. on S.E. face; and raised a mound of stone, 2 ft. base, 1½ ft. high, S.E. of cor. Pits impracticable.
	Thence
.50°20'E.	35.00 chs. At 28.60 chs. road, bears N.70°W. and S.70°E. At 32.65 chs. bottom of Whitamore Canon, course S.70°E.; ascend. At 34.65 chs. ditch, 4 lks. wide, course S.70°E. At 35.00 chs. set a quartzite stone, 16x10x9 ins., 11 ins. in the ground, for 2 mile cor., marked 2 M.H.M.D. on S. face; and raised a mound of stone, 2 ft. base, 1½ ft. high,

S. of cor. Pits impracticable.
Land, mountainous.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak, maple, and serviceberry.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.

Thence over mountainous land; through dense undergrowth; descend.

S. 50° 20' E. 39.96 chs. At 0.65 chs. top of spur, bears N. E. and S. W.; descend. At 4.90 chs. ditch, 4 lks. wide; course S. E. At 10.65 chs. road, bears N. W. and S. E. Enter scattering timber, bears with road. At 25.20 chs. bottom of Whitamore Canon, course S. E.; ascend. At 25.80 chs. ditch, 6 lks. wide; course S. E.; Leave timber, bears N. W. and S. E. At 37.10 chs. ditch, 6 lks. wide, course S. E. At 38.30 chs. fence, bears N. E. and S. W. At 39.96 chs. set a hard sandstone, 18 x 7 x 5 ins., 12 ins. in the ground, for angle cor. No. 7, marked 7 H. M. D. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. Top of ridge, 100 ft. above canon, bears N. and S.; descend.

Thence

S. 27° 26' E., 26.30 chs. At 0.04 chs. set a sandstone, 16 x 9 x 7 ins., 11 ins. in the ground, for 2½ mile cor., marked ½ M. H. M. D. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. At 13.80 chs. ditch, 6 lks. wide, course S. Foot of mountain

leave undergrowth and enter cultivated land, bears N. and W. At 20.80 chs. ditch, 6 lks. wide, course S. 60° E. At 26.30 chs. set a sandstone, 15x10x6 ins., 10 ins. in the ground, for angle cor. No. 5, marked <8 H. M. D. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Thence

S. 48° 50' W. 13.10 chs. At 0.13 chs. 2½ mile cor. on John W. Dougall's P.L.C. Leave cultivated land and enter dense undergrowth, bears N.W. and S.E. At 4.64 chs. Bottom of Whitamore Canon, course S.E.; ascend. At 6.64 chs. leave undergrowth and enter cultivated land, bears N.W. and S.E. At 7.04 chs. ditch, 4 lks. wide, course S.E. At 13.10 chs. the beginning cor. on Hugh M. Dougall's private land claim.

Land, mountainous and level.
Soil, gravelly loam; 2nd rate.
Timber, cottonwood.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 60.27 chs.

September 20, 1899.

---

* General Description.

Hugh M. Dougall's private land claim lies mostly in Whitamore Canon, in secs. 3, 4, and 10, T. 7 S., R. 4 E. About 35 acres of the claim is highly cultivated as farm and garden, and is irrigated from Whitamore Creek; the remainder of the claim

is used as a pasture.
Claimant's house is located in the eastern part of the claim.
Total area of claim 15 & 90/100 acres.
The improvements are worth about $450.00.

Latitudes, departures and closing errors

True bearing	Distance	Latitudes		Departures	
		N.	S.	E.	W.
	Chs.	Chs.	Chs.	Chs.	Chs.
S. 50° W.	7.54		4.85		5.78
N. 50° 20' W.	5.90	3.77			4.54
North	19.91	19.91			
N. 50° 20' W.	76.40	48.77			58.51
N. 36° 47' E.	15.25	12.21		9.13	
S. 50° 20' E.	74.96		47.85	57.70	
S. 27° 26' E.	26.30		23.34	12.12	
S. 48° 50' W.	13.10		8.62		9.86
Totals		84.66	84.66	78.95	78.79 / 78.95
				Error in dep.	.04

Boundaries of Hugh M. Dougall Jrs/private land claim.

Hugh M. Dougall Jr. having duly presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 3, 4, and 10, T.7S., R.4E., we proceed, in accordance with Special Instructions, to establish the boundaries as follows:

At angle cor. No. 8 on Hugh M. Dougall's private land claim, heretofore described, which is 20.46 chs. S. and 0.05 chs. W. of the ✠ sec. cor. bet. secs. 3 and 10, T.7S., R.4E. (described hereafter in the subdivision of T.7S., R.4E.) we mark the cor. Beg. Cor. 1 H.M.D. Jr. on N. face, for beginning cor. on Hugh M. Dougall Jrs. private land claim.

September 21, 1899: At 8h 30m a.m., l.m.t., we set off 40° 13' N., on the lat. arc; 0° 39' N., on the decl. arc; and determine a true meridian with the solar at the above described cor.

Thence we run

Over cultivated land.

N. 27° 26' W. 26.30 chs. At 5.50 chs. ditch, 6 lks. wide, course S. 60° E. At 12.50 chs. ditch, 6 lks. wide, course S. leave cultivated land and enter dense undergrowth, and begin ascent of mountain; bears N. and W. At 26.26 chs. 2½ mile cor. on Hugh M. Dougall's P.S.C. At 26.30 chs. angle cor. No. 7 on Hugh M. Dougall's P.S.C., heretofore described. we mark it ∠2 H.M.D. Jr. on N. faces, for angle cor. No. 2. Top of ridge, bears N. and S.

Thence descend.

N. 50° 20' W. 53.70 chs. At 1.66 chs. fence, bears N.E. and S.W. At 2.86 chs. ditch, 6 lks. wide, course N.E.

At 13.70 chs. set a quartzite stone, 18 x 10 x 6

ins., 12 ins. in the ground, for 1/2 mile cor., marked 1/2 M. H.M. D. Jr. on N. E. face; from which

A cottonwood, 6 ins. diam., bears N. 20° E., 40 lks. dist., marked 1/2 M., H.M. D. Jr. B.T.; and raise a mound of stone, 2 ft. base, 1½ ft. high, N.E. of cor. Pits impracticable.

At 14.16 chs. ditch, 6 lks. wide, course S.E. Enter scattering timber, bears N.W. and S.E. At 14.76 chs. bottom of Whitamore Canon, course S.E.; ascend. At 29.31 chs. road, bears N.W. and S.E. Leave timber, bears with road. At 35.06 chs. ditch, 4 lks. wide, course S.E. At 39.31 chs. top of spur, bears N.E. and S.W.; descend. At 39.96 chs. 2 mile cor. on Hugh M. Dougall's P.L.C. At 40.31 chs. ditch, 4 lks. wide, course S. 70° E. At 42.31 chs. bottom of Whitamore Canon, course S. 70° W.; ascend. At 46.36 chs. road, bears N. 70° W. and S. 70° E. At 53.70 chs. set a quartzite stone, 18 X 12 X 10 ins., 12 ins. in the ground, for 1 mile cor., marked 1 M. H.M. D. Jr. on N.E. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, N.E. of cor. Pits impracticable.

Land, mountainous and level.
Soil, black and gravelly loam; 1st and 2nd rate.
Timber, scattering cottonwood.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 69.00 chs.
September 21, 1899: At this cor. we set off 0° 35' N., on the decl. arc; and at 0h 3m p.m. l. m.t., observe the sun on the meridian, the resulting lat. is 40° 14' N.

Thence over mountainous land; through dense undergrowth; ascend.

N. 50° 20' W. 21.26 chs. to angle cor. No. 6 on Hugh McDougall's P.S.C., heretofore described, we mark it < 3 H.M. D. Jr. on E. face, for angle cor. No. 3.

Thence

N. 36° 47' E. 17.20 chs. set a quartzite stone, 18 x 12 x 8 ins., 12 ins. in the ground, for angle cor. No. 4, marked < 4 H.M. D. Jr. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence

S. 50° 20' E. 41.54 chs. At 1.54 chs. set a quartzite stone, 18 - 12 x 6 ins., 12 ins. in the ground, for 1½ mile cor., marked ¼ M. H.M. D. Jr. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. At 25.74 chs. top of ridge, 200 ft. above 1½ mile cor.; bears N.W. and S.E.; descend. At 41.54 chs. set a quartzite stone, 16 x 12 x 10 ins., 11 ins. in the ground, for 2 mile cor., marked 2 M. H.M. D. Jr. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Sand, mountainous.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 8000 chs.

Thence over mountainous land; through dense undergrowth; descend.

S. 50° 20' E. 33.41 chs. At 19.50 chs. bottom of hollow, 250 ft.

below - 2 mile cor., course S.; ascend gently. At 33.41 chs. top of ridge, 150 ft above hollow, bears N.W. and S.E. Set a quartzite stone, 22 x 10 x 8 ins., 16 ins. in the ground, for angle cor. No. 5, marked ∠5 H.M.D. Jr. on S.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.W. of cor. Pits impracticable.

Thence

S. 6° 30' E. 22.10 chs. At 6.59 chs. set a quartzite stone, 24 x 12 x 10 ins., 18 ins. in the ground, for 2½ mile cor., marked ¼ M.H.M.D. Jr. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. At 14.50 chs. ditch, 6 lks. wide, course E. At 14.55 chs. fence, bears E. and W., at foot of mountain; enter cultivated land, bears E. and W. At 22.10 chs. set a sandstone, 16 x 9 x 6 ins., 11 ins. in the ground, for angle cor. No. 6, marked ∠6 H.M.D. Jr. on S.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.W. of cor. Pits impracticable.

Thence

S. 58° 30' E. 11.50 chs. At 6.50 chs. road, bears N.E. and S. At 11.50 chs. Beg. cor. No. 1 on John W. Dougall's P. L. C., heretofore described, we mark it ∠7 H.M.D. Jr. on S.W. face, for angle cor. No. 7. Claimants house bears S. 60° W. about 400 chs. dist.

Thence through dense undergrowth.

S. 48° 30' W. 12.99 chs. At 2.52 chs. leave undergrowth and enter cultivated land, bears N. and S. At 4.62 chs. leave cultivated land, and enter dense undergrowth, bears N. and S. Fence, bears N. and S. At 6.07 chs. fence, bears N. and S. At 7.07 chs. road, bears N. and S. At 7.32 chs. fence, bears N. and S. At 9.52 chs. leave undergrowth and enter cultivated land, bears N. and S. At 12.99 chs. set a sandstone, 15 x 10 x 5 ins., 10 ins. in the ground, for 3 mile cor., marked 3 M.H.M.D. Jr. on W. face; and raise a

mound of stones, 2 ft. base, 1½ ft. high;
W. of cor. Pits impracticable.
Land, mountainous and level.
Soil, black loam and gravelly; 1st and 2nd rate.
No timber.
Undergrowth, oak, maple, and service berry.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 55.36 chs.

Thence
Over level land, through cultivated field.
S. 48 50' W. 0.93 chs. to the beginning cor. on Hugh M. Dougall Jr.'s Private Land Claim.
Land, level.
Soil, black loam; 1st rate.
No timber.

September 21, 1899.

General Description.

Hugh M. Dougall Jr.'s private land claim is situated in secs. 3, 4, and 10, T. 7 S., R. 4 E., and lies mostly along the foot hills N. of Whitamore canon.
About 25 acres of the claim is cultivated as farm and garden and is irrigated from Whitamore and Hobble creeks; the remainder of the claim is used as a pasture.
Claimants house is located at the east end of the claim.
Value of improvements about $500.00.
Total area of claim 159 43/100 acres.

Boundary of P.S.C. T. 7 S., R. 4 E. - Concluded.

Latitudes, departures, and closing errors

True bearing	Distance	Latitudes		Departures	
		N.	S.	E.	W.
	Chs.	Chs.	Chs.	Chs.	Chs.
N. 27° 26' W.	26.30	23.34			12.12
N. 50° 20' W.	74.96	47.85			57.70
N. 36° 47' E.	17.20	13.78		10.30	
S. 50° 20' E.	74.95		47.84	57.69	
S. 6° 30' E.	22.10		21.96	2.50	
S. 58° 30' E.	11.50		6.01	9.81	
S. 48° 50' W.	13.92		9.16		10.48
Totals		84.97	84.97	80.30	80.30

Boundaries of William J. Curtis' private land claim.

William J. Curtis having presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 3, 10, and 11, T.7 S., R.4 E., we proceed in accordance with Special Instructions, to establish the boundaries as follows:

At angle cor. No. 2 on John W. Dougall's P.S.C., heretofore described, which is 16.09 chs. S. and 16.84 chs. E. of the ¼ sec. cor. bet. secs. 3 and 10, (as established hereafter in the subdivision of T.7 S., R.4 E.) we mark it Beg. Cor. 1 W.J.C. on E. face, for beginning cor. on William J. Curtis' P.S.C.

September 22, 1899: At 8h 30m a.m., l.m.t., we set off 40° 13' N., on the lat. arc; 0° 16' N., on the decl. arc; and determine a true meridian with the solar at the above described cor.

Thence we run

Over mountainous land; through dense undergrowth; descending

N. 53° 13' W. 8.00 chs. At 2.13 chs. fence, bears N.E. and S.W. At 4.15 chs. Hobble Creek, 20 lks. wide, 6 ins. deep, course S.W.; thence over level land. At 8.00 chs. beginning cor. on John W. Dougall's P.S.C.; also angle cor. No. 7 on Hugh M. Dougall Jrs.' P.S.C., heretofore described; we mark it 4 2 W.J.C. on N.E. face, for angle cor. No. 2. Leave undergrowth and enter cultivated land, bears N. and S. 60° W. From this cor. claimant's house bears N. about 3.50 chs. dist. His corral and sheds are S.E. of house.

Thence

N. 58° 30' W. 11.50 chs. At 5.00 chs. road, bears N.E. and S. At 11.50 chs. angle cor. No. 6 on Hugh M. Dougall Jr's P.S.C., heretofore

described, we mark it <3 W.J.C. on E. face, for angle cor. No. 3.

Thence

N.6°30' W. 22.10 chs. At 7.55 chs. fence, bears E. and W.; at foot of mountain; leave cultivated land and enter dense undergrowth. At 7.60 chs. ditch, 6 lks. wide, course E. At 15.51 chs. 2½ mile cor. on Hugh M. Dougall Jr's. P.S.C. At 20.50 chs. set a quartzite stone, 18x10x7 ins., 12 ins. in the ground, for ¼ mile cor., marked ½ M. W.J.C. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. At 22.10 chs. angle cor. No. 5 on Hugh M. Dougall Jr's. P.S.C., heretofore described, we mark it <4 W.J.C. on E. face, for angle cor. No. 4. Top of ridge, 150 ft. above flat, bears N.W. and S.E.; descend.

Thence descend.

N. 55° E. 18.62 chs. set a sandstone, 18x9x8 ins., 12 ins. in the ground, for angle cor. No. 5, marked <5 W.J.C. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. At foot of mountain, bears N.10° E. and S.10° W.

Thence

S.6°30' E. 18.80 chs. At 17.00 chs. edge of bench, bears N.E. and S.W. At 18.80 chs. set a quartzite stone, 18x12x10 ins., 12 ins. in the ground, for angle cor. No. 6, marked <6 W.J.C. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Thence

S.46° E. 0.98 chs. set a sandstone, 16x14x8 ins., 11 ins. in the ground, for 1 mile cor., marked 1 M. W.J.C. on S.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.W. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black and gravelly loam; 1st and 2nd rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 60.95 chs.
September 22, 1899: At the noon hour the sky is overcast and solar observations are impossible.

Thence over mountainous land; through dense undergrowth; descend.

S. 46° E. 45.65 chs. At 3.88 chs. road in canon, bears N. E. and S. W.; at foot of descent. At 3.98 chs. fence, bears N. E. and S. W. Leave undergrowth and enter cultivated field. At 4.38 chs. ditch, 4 lks. wide, course S. W. At 9.17 chs. Hobble Creek, 20 lks. wide, 6 ins. deep, course S. W. At 13.60 chs. fence, bears N. E. and S. W. Leave cultivated land and enter dense undergrowth; ascend. At 40.00 chs. set a quartzite stone, 18 x 10 x 5 ins., 12 ins. in the ground, for 1/4 mile cor., marked 1/4 M. W. J. C. on S. W. face; and raise a mound of stones, 2 ft. base, 1/2 ft. high, S. W. of cor. Pits impracticable. At 45.65 chs. set a quartzite stone, 18 x 10 x 5 ins., 12 ins. in the ground, for angle cor. No. 7, marked L 7 W. J. C. on W. face; and raise a mound of stones, 2 ft. base, 1/2 ft. high, W. of cor. Pits impracticable. This cor. is on top of ridge, 350 ft. above canon, bears N. 60° W. and S. 60° E.; descend.

Thence

South 22.12 chs. At 8.00 chs. bottom of hollow, 50 ft. below ridge, course N. 70° W.; ascend.

At 22.12 chs. set a sandstone, 16x10x10 ins., 11 ins. in the ground, for angle cor. No. 8, marked ∠8 W. J. C. on N. W. face; and raised a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable. This cor. is on top of ridge, 60 ft. above hollow bears E and W.

Thence descend.

N. 66° W. 10.10 chs. set a sandstone, 20x15x10 ins., 15 ins. in the ground, for angle cor. No. 9, marked ∠9 W. J. C. on N. face; and raised a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

Thence

N. 66° 40' W. 2.13 chs. set a sandstone, 18x9x7 ins., 12 ins. in the ground, for 2 mile cor., marked 2 M. W. J. C. on N. face; and raised a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black loam and gravelly; 1st and 3rd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 70.38 chs.

Thence over mountainous land, through dense undergrowth; descend.

N. 66° 40' W. 32.55 chs. set a sandstone, 18x9x6 ins., 12 ins. in the ground, for angle cor. No. 10, marked ∠10 W. J. C. on N. E. faces; and raised a mound of stone, 2 ft. base, 1½ ft. high, N. E. of cor. Pits impracticable.

Thence

N. 36¾° E. 14.85 chs. At 7.45 chs. set a sandstone, 15x10x5 ins., 10 ins. in the ground, for 2½ mile cor., marked ½ M. W. J. C. on E. face;

and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. At 14.85 chs. the beginning cor. on William J. Curtis' private land claim.

Land, mountainous.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 47.40 chs.

September 22, 1899.

General Description.

William J. Curtis' private land claim is located in secs. 3, 10, and 11, T. 7 S., R. 4 E., and lies mostly in Hobble Creek Canon.

About 20 acres of the claim is cultivated as farm and garden, and is irrigated from Hobble Creek; the remainder of the claim is used as a pasture.

Claimant's house and other improvements are located near the central part of claim.

Total area of claim 154.50 acres.

Value of improvements, about $400.00

Claimant and family are living on the claim.

Latitudes, departures, and closing errors.

True bearing	Distance	Latitudes		Departures	
		N.	S.	E.	W.
	chs.	chs.	chs.	chs.	chs.
N. 53° 13' W.	8.00	4.79			6.41
N. 58° 30' W.	11.50	6.01			9.81
N. 6° 30' W.	22.10	21.96			2.50
N. 55° E.	18.62	10.68		15.25	
S. 6° 30° E.	18.80		18.68	2.13	
S. 46° E.	46.63		32.39	33.54	
South	22.12		22.12		
N. 66° W.	10.10	4.11			9.23
N. 66° 40' W.	34.68	13.74			31.84
N. 36° 47' E.	14.85	11.89		8.89	
Totals		73.18	73.19	59.81	59.79
Error in lat.			73.19		
Error in dep.			.01	59.79	
				.02	

Boundaries of P. Edgar Whiting's private land claim, "tract 1".

P. Edgar Whiting having duly presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 2, 3, 10, and 11, J.7S., R.4E., we proceed in accordance with Special Instructions, to establish the boundary as follows:

At a point 6.86 chs. N. and 17.36 chs. E. of the ± sec. cor. bet. secs. 3 and 10 (as hereafter established and described in the subdivision of J.7S., R.4E.) We set a sandstone, 22x12x10 ins., 16 ins. in the ground, for beginning cor. on P. Edgar Whiting's P.S.C., marked Beg. Cor. I P.E.W. on N.E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N.E. of cor. Pits impracticable.

September 23, 1899: At 8h 30m a. m., l.m.t., we set off 40°14' N., on the lat. arc, 0°08', on the decl. arc; and determine a true meridian, with the solar at the above described cor.

Thence we run

Over mountainous land, along hill side.

N.50°05'E., 27.42 chs. At 18.50 chs. road, bears N.30°E. and S.30°W. At 20.00 chs. claimant's house bears E. about 1.75 chs. At 27.42 chs. cor. of fence, bears N.10°45'E., S.61°15'E., and S.49°W. Set a quartzite stone, 20x12x8 ins., 15 ins. in the ground, for angle cor. No. 2, marked ∠2 P.E.W. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. Foot of bench, bears N.15°W. and S.39°W.

Thence along fence

S.61°15'E. 2.15 chs. set a quartzite stone, 18x10x8 ins., 12 ins. in the ground, for angle cor. 3, marked ∠3 P.E.W., on S.E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.E. of cor. Pits impracticable.

Thence

N. 59° E. 1.78 chs. set a quartzite stone, 24 X 12 X 10 ins., 18 ins. in the ground, for angle cor. No. 4, marked ∠4 P. E. W. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence

S. 73° E. 40.70 chs. At 0.10 chs. Hobble Creek, 30 lks. wide, 6 ins. deep, course S. 59° W. At 2.00 chs. a saw-mill bears S. about 3.00 chs. dist. At 4.50 chs. ditch, 8 lks. wide which runs to the saw-mill, course S. 60° W. At 6.10 chs. fence, bears N. 15° E. and S. 15° W. Begin ascent of mountain and enter dense undergrowth, bears with fence. At 8.65 chs. set a quartzite stone, 18 X 14 X 8 ins., 12 ins. in the ground, for ½ mile cor., marked ½ M. P. E. W. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. At 17.35 chs. fence, bears N. 20° E. and S. 20° W. At 18.85 chs. water ditch, 3 lks. wide, course S. 20° W. At 19.35 chs. fence, bears N. 20° E. and S. 20° W. At 40.70 chs. set a quartzite stone, 18 X 10 X 6 ins., 12 ins. in the ground, for angle cor. No. 5, marked ∠5 P. E. W. on S. W. face; and raise a mound of stone 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Thence descend

S. 50° W. 7.95 chs. At 3.40 chs. hollow, course N. 70° W. At 7.95 chs. set a quartzite stone, 18 X 12 X 12 ins., 12 ins. in the ground, for 1 mile cor., marked 1 M. P. E. W. on W. face; dig pits, 24 X 18 X 12 ins., on line N. 50° E. and S. 50° W. of stone, 5 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

and, mountainous and level.

Soil, black loam and gravelly; 1st and 3rd rate.
No timber.
Undergrowth, sage and oak.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 69.97 chs.

Thence over mountainous land; through dense undergrowth; ascend gently.
S.50°W. 40.41 chs. At 3.00 chs. top of spur, bears N.30°W. and S.30° E. At 21.00 chs. bottom of hollow, course N.W.; ascend. At 40.00 chs. set a quartzite stone, 18x8x6 ins., 12 ins. in the ground, for 1/4 mile cor., marked 1/4 M. P. E.W. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. At 40.41 chs. set a quartzite stone, 20x8x7 ins., 15 ins. in the ground, for angle cor. No. 6, marked 6 P. E.W. on N.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N.W. of cor. Pits impracticable. Intersect bdy. of William J. Curtis' P.S.C. 1.70 chs. N.46°W. of 1/4 M. cor. thence
N.46°W. 36.65 chs. At 24.68 fence, bears N.E. and S.W. Leave dense undergrowth and enter cultivated land; foot of descent. At 24.11 chs. Hobble Creek, 20 lks. wide, 6 ins. deep, course S.W. At 33.90 chs. ditch, 4 lks. wide, course S.W. At 34.30 chs. fence, bears N.E. and S.W. Leave cultivated field and enter dense undergrowth. At 34.40 chs. road in canon, bears N.E. and S.W.; ascend. At 36.65 chs. the beginning cor. on P. Edgar Whiting's private land claim, "tract 1".
Land, mountainous and level.

Soil, black and gravelly loam; 1st and 2nd rate.
No timber.
Undergrowth, oak and sage.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 67.44chs.

General Description.

P. Edgar Whiting's private land claim, tract 1", is located in secs. 2, 3, 10, and 11, T.7S., R.4E.; and lies mostly in Hobble Creek Canon. About 20 acres of the claim is highly cultivated as farm and garden and is irrigated from Hobble Creek; the remainder of the claim is used as a pasture.
Claimants house is located near the N. W. cor. of the claim.
Total area of "tract 1" 139.66 Acres.
Value of improvements about $3700.00

Latitudes, departures, and closing errors.

True bearing	Distance	Latitudes		Departures	
		N.	S.	E.	W.
	Chs.	Chs.	Chs.	Chs.	Chs.
N. 50° 05' E.	27.42	17.59		21.03	
S. 61° 15' E.	2.15		1.03	1.85	
N. 59° E.	1.78	.92		1.53	
S. 73° E.	40.70		11.90	38.92	
S. 5.0° W.	48.36		31.09		37.06
N. 46° W.	36.65	25.46			26.36
Totals		43.97	44.02	63 36	63.42
Error in lat.			43.97 05	Error in dep.	63.36 .06

X Boundary of P.S.C.-T.7S.,R.4E.

Boundaries of P. Edgar Whiting's private land claim, "tract 2".

P. Edgar Whiting having duly presented his claim and proofs of a tract of land in sec. 2, T.7S., R.4E., we proceed, in accordance with Special Instructions, to establish the boundaries as follows:

At a point 11.43 chs. N. and 17.54 chs. E. of the ± sec. cor. bet. secs. 2 and 3, T.7S., R.4E. (as described hereafter in the subdivision of T.7S., R.4E.) Set a quartzite stone, 20x14x10 ins., 15 ins. in the ground, for beginning cor. on P. Edgar Whiting's private land claim, "tract 2". Marked Beg. Cor. 1 P.E.W. on N.E. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, N.E. of cor. Pits impracticable.

Thence we run

Over mountainous land; through dense undergrowth; along side of mountain.

N.39°E. 21.40 chs. set a sandstone, 16x9x7 ins., 11 ins. in the ground, for angle cor. No. 2, marked ∠2 P.E.W. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence ascend

S.42°E. 8.06 chs. At 7.60 chs. foot of mountain, bears N. and S. Ditch, 3 lks. wide, course S. At 8.06 chs. set a sandstone, 16x10x10 ins., 11 ins. in the ground, for angle cor. No. 3, marked ∠3 P.E.W. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Thence

S.3°E. 11.68 chs. At 10.54 chs. set a quartzite stone, 20x12x5 ins., 15 ins. in the ground, for ½ mile cor., marked ½ M. P.E.W. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. At 11.68 chs. set a quartzite stone,

18×14×10 ins., 12 ins. in the ground, for angle cor. No. 4, marked <4 P. E. W. on N.W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, N.W. of cor. Pits impracticable.

Thence descend.

N. 87° W. 19.50 chs. At 0.48 chs. fence, bears N. 30° W. and S. 3° E. Water ditch, 3 lks. wide course S. 10° W. Enter cultivated land, bears with fence. Thence across bench. At 16.15 chs. fence, bears N. 30° E. and S. 30° W. Leave cultivated land and enter dense undergrowth, bears N. 30° E. and S. 30° W. Leave bench. Descend. At 19.50 chs. the beginning cor. on P. Edgar Whiting's private land claim, "tract 2".

Land, mountainous and level.

Soil, black loam and gravelly; 1st and 3rd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 44.97 chs.

September 23, 1899: At the noon hour the sky is overcast and solar observations are impossible.

September 23, 1899.

General Description

P. Edgar Whiting's private land claim, "tract 2", is located in sec. 2, T. 7 S., R. 4 E., and lies on a bench E. of Hobble Creek Canon.

About 10 acres of this "tract" is cultivated as a farm, and is irrigated from Hobble Creek.

Value of improvements about $200.00.

Area of "tract 2" 14.83 Acres.

Total area of "tracts" 1 and 2, 159.33 Acres.

Boundary of P. S. C. - T. 7 S., R. 4 E. - Concluded.

Latitudes, departures, and closing errors.

True bearing	Distance	Latitudes		Departures	
		N.	S.	E.	W.
	chs.	chs.	chs.	chs.	chs.
N. 39° E.	21.40	16.63		13.47	
S. 42° E.	8.06		5.99	5.39	
S. 3° E.	11.68		11.66	.61	
N. 87° W.	19.50	1.02			19.47
Totals		17.65	17.65	19.47	19.47

Boundaries of Arthur C. Whiting's private land claim.

Arthur C. Whiting having duly presented his claim and proofs of 20 years possession of a tract of land in secs. 2 and 3, T.7 S., R.4 E., we proceed, in accordance with Special Instructions, to establish the boundaries as follows:

At angle cor. No. 4 on P. Edgar Whiting's P.S.C. "tract 1", heretofore described, which is 17.52 chs. S. and 2.01 chs. E. of the ± sec. cor., bet. secs. 2 and 3 (hereafter described in subdivision of T.7 S., R.4 E.), we mark it Beg. Cor. 1 A. C. W. on N. E. face, for beginning cor. on Arthur C. Whiting's P.S.C.

September 25, 1899; At 8h 30m a. m., l. m. t., we set off 40° 13' N., on the lat. arc; 0° 55' S., on the decl. arc; and determine a true meridian with the solar, at the above described cor.

Thence we run

Over level land; through dense under growth;

N. 9° 20' E. 4.00 chs. At 3.60 chs. fence, bears E. and W. At 3.80 chs. Hobble Creek, 20 lks. wide, 1 ft. deep, course S. E. At 4.00 chs. set a sandstone, 18 x 10 x 10 ins., 12 ins. in the ground, for angle cor. No. 2, marked ∠2 A. C. W. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

Thence

N. 60° W. 3.50 chs. At 0.25 chs. Hobble Creek, 20 lks. wide, 1 ft. deep, course S. E. At 3.30 chs. water ditch, 10 lks. wide, course S. 20° W. At 3.40 chs. fence, bears N. 20° E. and S. 10° 45' W. At 3.50 chs. set a sandstone, 18 x 12 x 10 ins., 12 ins. in the ground, for angle cor. No. 3, marked ∠3 A. C. W. on N. E. face; and

raise a mound of stone, 2 ft. base, 1½ ft. high, N.E. of cor. Pits impracticable.

Thence

N. 24°30' E. 4.87 chs. At 1.00 chs. road in cañon, bears N.E. and S.W. At 4.87 chs. set a quartzite stone, 18 x 12 x 8 ins., 12 ins. in the ground, for angle cor. No. 4, marked ∠4 A.C.W. on S.E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.E. of cor. Pits impracticable.

Thence

S. 88°05' E. 2.31 chs. At 1.50 chs. road, bears N. and S. At 1.91 chs. creek, 5 lks. wide, 1 in. deep, course S. 20° E. At 2.31 chs. set a sandstone, 30 x 10 x 10 ins., 22 ins. in the ground, for angle cor. No. 5, marked ∠5 A.C.W. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. Claimant's house bears S. 10° E. about 4.00 chs. dist.

Thence

N. 39° E. 21.56 chs. At 10.17 chs. fence, bears N. 30° W. and S. 30° E. At 11.67 chs. road in cañon, bears N. 20° E. and S. 20° W. At 12.92 chs. Hobble Creek, 20 lks. wide, 1 ft. deep, course S. 20° W. At 20.75 chs. begin ascent, bears N. 20° E. and S. 20° W. At 21.56 chs. the beginning cor. on P. Edgar Whiting's P.S.C. "tract 2" heretofore described, we mark it ∠6 A.C.W. on S.E. face, for angle cor. No. 6.

Thence ascend

S. 87° E. 19.50 chs. At 2.35 chs. fence, bears N. 30° E. and S. 30° W. Leave brush and enter cultivated land. Thence across bench. At 3.76 chs. set a quartzite stone, 22 x 12 x 8 ins., 16 ins. in the ground, for ¼ mile cor., marked ¼ M.A.C. W. on S. face; and raise a mound

of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. At 19.02 chs. fence, bears N.3° W. and S.3° E. Water ditch, 3 lks. wide, course S.10° W. Enter dense undergrowth. Leave bench. Leave cultivated land; bears with fence; ascend. At 19.50 chs. angle cor. No. 4 on P. Edgar Whiting's P.S.C. "tract 2" heretofore described, we mark it ∠7. A.C.W. on S.W. faces, for angle cor. No. 7.

Thence

South 8.28 chs. set a quartzite stone, 18 x 10 x 6 ins., 12 ins. in the ground, for angle cor. No. 8, marked ∠8 A.C.W. on S.W. face, dig pits 24 x 18 x 12 ins., E. and N. of stone, 3 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, S.W. of cor.

Thence ascend.

East 15.98 chs. set a quartzite stone, 20 x 12 x 8 ins., 15 ins. in the ground, for 1 mile cor., marked 1 M. A.C.W. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high S. of cor. Pits impracticable.

Land, mountainous and level.
Soil, black and gravelly loam; 1st and 3rd rate.
No timber.
Undergrowth, oak, maple and sage.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 63.33 chs.
September 25, 1899: At the noon hour the sky is overcast and solar observations are impossible.

Thence over mountainous land; through dense undergrowth; ascend.

East 5.99 chs. set a quartzite stone, 20x8x6 ins., 15 ins. in the ground, for angle cor. No. 9, marked ∠9 A. C. W. on S.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.W. of cor. Pits impracticable.

South 22.74 chs. At 20.00 chs. bottom of hollow, 200 ft. below angle cor., course W.; ascend. At 22.84 chs. top of ridge, 100 ft. above hollow, bears N. 80° W. and S. 80° E. Set a quartzite stone, 18x10x8 ins., 12 ins. in the ground; for angle cor. No. 10, marked ∠10 A. C. W. on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable.

Thence descend.

S. 70° W. 19.20 chs. At 11.17 chs. set a quartzite stone, 20x10x8 ins., 15 ins. in the ground, for 1/2 mile cor., marked ½ M. A. C. W. on N.W. face; dig pits, 24x18x12 ins., N. 70° E. and S. 70° W. of stone, 3 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. W. of cor. At 19.20 chs. angle cor. No. 5 on P. Edgar Whiting's P. S. C. "tract 1", heretofore described, we mark it ∠11 A. C. W. on N.W. face, for angle cor. No. 11

Thence

N. 73° W. 31.17 chs. At 21.35 chs. fence, bears N. 20° E. and S. 20° W. At 21.85 chs. water ditch, 3 lks. wide, course S. 20° W. At 22.35 chs. fence, bears N. 20° E. and S. 20° W. At 31.17 chs. set a quartzite stone, 18x14x10 ins., 12 ins. in the ground, for 2 mile cor., marked 2 M. A. C. W. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits

impracticable.
Land, mountainous.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak, maple, and sage.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.

Thence over mountainous land, through dense undergrowth; descend.
N. 73° W. 8.73 chs. At 0.08 chs. ½ mile cor. on P. Edgar Whiting's P. L. C. At 2.63 chs. fence, bears N. 15° E. and S. 15° W. foot of descent; leave undergrowth, bears with fence. At 4.23 chs. ditch, 8 lks. wide, which leads to saw-mill, course S. 60° W. At 6.73 chs. a saw mill bears S. about 3.00 chs. dist. At 8.63 chs. Hobble Creek, 30 lks. wide, 6 ins. deep, course S. 59° W. At 8.73 chs. the beginning cor. on Arthur C. Whiting's privat land claim.
Land, mountainous and level.
Soil, black and gravelly loam; 1st and 2nd rate.
No timber.
Undergrowth, oak and sage.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 2.63 chs.

Latitudes, departures and closing errors.

Course	Distance chs.	Latitudes N. chs.	Latitudes S. chs.	Departures E. chs.	Departures W. chs.
N. 9° 20' E.	4.00	3.95		.65	
N. 60° W.	3.50	1.75			3.03
N. 24° 30' E.	4.87	4.43		2.02	
S. 88° 05' E.	2.31		.08	2.31	
N. 39° E.	21.56	16.76		13.57	
S. 87° E.	19.50		1.02	19.47	
South	8.28		8.28		
East	21.97			21.97	
South	22.84		22.84		
S. 70° W.	19.20		6.57		18.04
N. 73° W.	40.70	11.90			38.92
		38.79	38.79	59.99	59.99

General Description.

Arthur C. Whiting's privat land claim is located in secs. 2 and 3, T. 7S., R.4E., and lies mostly in Hobble Creek Canon, and on the bench east of the canon.

About 45 acres of the claim is highly cultivated as farm and garden, and is irrigated from Hobble Creek; the remainder of the claim is used as a pasture.

Claimant's house is located near the S.W. cor. of the claim.

Claimant is living on the claim.

Value of improvements about $650.00.

Total area of claim, 155 92/100 acres

September 25, 1899.

Boundary of P.S.C.- T.7S., R.4E.

Boundaries of Aaron Johnson's private land claim, "tract 1".

Aaron Johnson having duly presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 2 and 3, T.7S., R.4E., we proceed, in accordance with Special Instructions, to establish the boundaries as follows:

Beginning at angle cor. No. 3 on P. Edgar Whiting's P.S.C. "tract 1," heretofore described, which is 18.44 chs. S. and 0.49 chs. E. of the ¼ sec. cor. bet. secs. 2 and 3 (described hereafter in the subdivision of T.7S., R.4E.), we mark it Beg. Cor. 1 A.J. on N. face, for beginning cor. on Aaron Johnson's private land claim, "tract 1".

Thence we run

Over level land, along fence.

N.61°15'W. 2.15 chs. to angle cor. No. 2 on P. Edgar Whiting's P.S.C. "tract 1", heretofore described, we mark it <2 A.J. on N.E. faces, for angle cor. No. 2. Cor. of fence, bears N.10°45' E., S.61°15'E. and S.49°W. Enter dense undergrowth.

Thence

N.10°27'E. 5.68 chs. to angle cor. No. 3 on Arthur C. Whiting's P.S.C., heretofore described, we mark it <3 A.J. on S. face, for angle cor. No. 3.

Thence

S.60° E. 3.50 chs. At 0.10 chs. fence, bears N.20° E. and S.10°45'W. At 0.20 chs. water ditch, 10 lks. wide, course S.20°W. At 3.25 chs. Hobble Creek, 20 lks. wide, 1 ft. deep, course S.E. At 3.50 chs. angle cor. No. 2 on Arthur C. Whiting's P.S.C., heretofore described, we mark it <4 A.J. on S. face, for angle cor. No. 4.

Thence

S. 9°20'W. 4.00 chs. At 0.20 chs. Hobble Creek, 20 lks. wide 1 ft. deep, course S.E. At 0.40 chs. fence,

bears E. and W. At 4.00 chs. beginning cor. on Arthur C. Whiting's P.S.C., which is angle cor. No. 4 on P. Edgar Whiting's P.S.C. "tract 1," heretofore described, we mark it ⟨5 Q.J. on W. face; for angle cor. No. 5 Leave undergrowth.

Thence

S. 59° W. 1.78 chs. to the beginning cor. on Aaron Johnson's private land claim, "tract 1".

Land, level.
Soil, black loam; 1st rate.
No timber.
Undergrowth, oak and sage.
Good grass for grazing.
Land covered with dense undergrowth, 13.18 chs.

September 25, 1899.

Latitudes, departures, and closing errors.

True bearing	Distance	Latitudes		Departures	
		N.	S.	E.	W.
	Chs.	Chs.	Chs.	Chs.	Chs.
N. 61° 15' W.	2.15	1.03			1.88
N. 10° 27' E.	5.68	5.59		1.03	
S. 60° E.	3.50		1.75	3.03	
S. 9° 20' W.	4.00		3.95		.65
S. 59° W.	1.78		.92		1.53
Totals		6.62	6.62	4.06	4.06

General Description

Aaron Johnson's private land claim, "tract 1" is located in secs. 2 and 3, T. 7 S., R. 4 E.; and lies in bottom of Hobble Creek Canon.

The claim is cultivated as garden and orchard, and is irrigated from Hobble Creek.

Claimant's house is located in the center of claim.

Value of improvements about $400.00,

Area of "tract 1" = 1 78/100 acres.

September 25, 1899

Boundary of P.S.C. - T. 7 S., R. 4 E.

Boundaries of Henry Voyce's private land claim.

Henry Voyce having duly presented his claim and proofs of 20 years adverse possession of a tract of land in sec. 3, T. 7 S., R. 4 E., we proceed, in accordance with Special Instructions, to establish the boundaries as follows; At a point 4.44 chs. S. and 25.62 chs. W. of the ¼ sec. cor. bet. secs. 2 and 3, T. 7 S., R. 4 E. (described hereafter in the subdivision of T. 7 S., R. 4 E.). We set a sandstone, 18 x 10 x 7 ins., 12 ins. in the ground, for beginning cor. on Henry Voyce's private land claim, marked Beg. Cor. I H.V. on S.W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.W. of cor. Pits impracticable. September 26, 1899; (At 8h 30m a.m., l. m. t., we set off 40°13' N., on the lat. arc; 1° 1' S., on the decl. arc; and determine a true meridian, with the solar, at the above described cor.

Thence we run
Over level bench; through dense undergrowth.

S. 42°44' E. 23.88 chs. (At 0.25 chs. fence, bears N. 11° E. and S. 40° W. (At 15.00 chs. fence, bears N. 35° W. and S. 42°44' E. At 20.86 chs. fence, bears N. 40° E. and S. 40° W. ½ N. 42°44' W. At 21.00 chs. leave bench and descend, bears N. E. and S. W. At 23.88 chs. set a hard sandstone, 20 x 12 x 9 ins., 15 ins. in the ground, for angle cor. No. 2, marked 2 2 H.V. on S.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.W. of cor. Pits impracticable.

Thence along side hill.

S.50°05'W. 16.95 chs. At 16.12 chs. set a hard sandstone, 18x10x7 ins., 12 ins. in the ground, for ¼ mile cor., marked ¼ M. H.V. on N.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N.W. of cor. Pits impracticable. At 16.95 chs. the beginning cor. on P. Edgar Whiting's P.S.C. "tract 1", heretofore described, we mark it ⟨3 H.V. on N. face, for angle cor. No. 3. Ascend.

Thence

N.46°W. 2.61 chs. At 0.63 chs. 1 mile cor. on William J. Curtis' P.S.C. At 2.61 chs. angle cor. No. 6 on William J. Curtis' P.S.C., heretofore described, we mark it ⟨4 H.V. on N.E. face, for angle cor. No. 4

Thence

N.6°30'W. 18.80 chs. At 1.80 chs. top of ascent; edge of bench. At 18.80 chs. angle cor. No. 5 on William J. Curtis' P.S.C., heretofore described, we mark it ⟨5 H.V. on N. face; for angle cor. No. 5; at foot of mountain; ascend.

Thence

S.55°W. 17.76 chs. set a hard sandstone, 18x9x5 ins., 12 ins. in the ground, for 1 mile cor., marked 1 M. H.V. on N.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N.W. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black and gravelly loam; 1st and 2nd rate.

No timber.

Undergrowth, oak and sage.

Good grass for grazing.

Mountainous land, or land covered

with dense undergrowth, 80.00 chs.
September 26, 1899: At this cor. we set off 1° 22' S., on the decl. arc; and at 0h 2m p.m., l.m.t., observe the sun on the meridian, the resulting lat. is 40° 13' N., which is the proper lat. nearly.

Thence over mountainous land; through dense undergrowth.

S. 55° W. 0.86 chs. to angle cor. No. 4 on William T. Curtis' P.S.C., heretofore described, which is angle cor. No. 5 on Hugh M. Dougall Jr's P.S.C., we mark it < 6 H.V. on N. face, for angle cor. No. 6. Top of ridge, 150 ft. above flat, bears N.W. and S.E.; descend.

Thence

N. 50° 20' W. 49.21 chs. At 13.91 chs. bottom of hollow, 150 ft. below ridge, course S.; ascend. At 33.41 chs. 2 mile cor. on Hugh M. Dougall Jr's. P.S.C. At 39.14 chs. set a sandstone, 18 x 12 x 5 ins., 12 ins. in the ground, for 1/2 Mile cor., marked 1/2 M. H.V. on N.E. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N.E. of cor. Pits impracticable. At 49.21 chs. set a sandstone, 16 x 10 x 9 ins., 11 ins. in the ground, for angle cor. No. 7, marked < 7 H.V. on N.E. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N.E. of cor. Pits impracticable. Top of ridge, 250 ft. above hollow, bears N.W. and S.E., descend.

Thence

N. 0° 02' W. 15.95 chs. At 9.00 chs. bottom of hollow, 50 ft. below ridge, course S.E.; ascend. At 15.95 chs. edge of high bench,

50 ft above hollow, bears N. W. and S. E. Set a sandstone, 16 x 9 x 9 ins., 11 ins. in the ground, for angle cor. No. 8, marked ∠ 8 H. U. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence

S. 50° 20' E. 13.98 chs. set a sandstone, 20 x 10 x 10 ins., 15 ins. in the ground, for 2 mile cor., marked 2 M. H. U. on S. W. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Land, mountainous and level.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.

Thence over level bench; through dense undergrowth.

S. 50° 20' E. 12.67 chs. set a sandstone, 20 x 15 x 6 ins., 15 ins. in the ground, for angle cor. No. 9, marked ∠ 9 H. U. on S. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence

N. 39° 40' E. 12.28 chs. set a sandstone, 18 x 10 x 8 ins., 12 ins. in the ground, for angle cor. No. 10, marked ∠ 10 H. U. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence

S. 50° 20' E. 33.35 chs. At 6.50 chs. leave bench and descend, bears N. and S. At 15.05 chs. set a sandstone, 20 x 10 x 6 ins., 15 ins. in the ground, for 2½ mile cor., marked

½ M. H. U. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable. At 33.35 chs. Foot of descent; enter bench, bears N. and S. The beginning cor. on Henry Voyce's private land claim.

Land, mountainous.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 57.29 chs.

September 26, 1899.

Latitudes, departures, and closing errors.

True bearing	Distance	Latitudes		Departures	
		N.	S.	E.	W.
	Chs.	Chs.	Chs.	Chs.	Chs.
S. 42°44' E.	23.88		17.54	16.20	
S. 50°05' W.	16.95		10.88		13.00
N. 46° W.	2.61	1.81			1.88
N. 6°30' W.	18.80	18.68			2.13
S. 55° W.	18.62		10.68		15.25
N. 50°20' W.	49.21	31.41			37.88
N. 0°02' W.	15.95	15.95			.01
S. 50°20' E.	26.65		17.01	20.51	
N. 39°40' E.	12.28	7.45		7.84	
S. 50°20' E.	33.35		21.29	25.67	
Totals		77.30	77.40 (77.30 + .10)	70.22 (70.16 + .06)	70.15

General Description.

Henry Voyce's private land claim is situated in sec. 3, T. 7 S., R. 4 E., and lies west of Hobble Creek Canon. About 6 acres of the claim is cultivated as farm and garden, and is irrigated from creek in Dry Canon; the remainder of the claim is used as a pasture.

Value of improvements, about $50.00

Total area of claim 137.35 acres.

Claimants house not seen from line.

September 26, 1899.

Boundaries of Alfred Voyce's private land claim.

Alfred Voyce having duly presented his claim and proofs of 20 years' adverse possession of a tract of land in secs. 2 and 3, T.7 S., R.4 E., we proceed, in accordance with Special Instructions, to establish the boundaries as follows:

At a point 13.68 chs. N. and 22.62½ chs. W. of the ¼ sec. cor., bet. secs. 2 and 3, T.7 S., R.4 E. (described hereafter in the subdivision of T.7 S., R.4 E.) We set a sandstone, 20 x 10 x 8 ins., 15 ins. in the ground, for beginning cor. on Alfred Voyce's P.S.C., marked Beg. Cor. 1 A.V. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

September 27, 1899: At 8h 35m a.m., l.m.t., we set off 40° 13' N., on the lat. arc; 1° 41' S., on the decl. arc; and determine a true meridian with the solar, at the above described cor.

Thence we run

Over mountainous land; through dense undergrowth.

S. 61° 10' E. 25.25 chs. At 10.00 chs. cor. of fence, bears N.E. and W. At 17.75 chs. foot of descent; fence, bears N. 50° W. S. 50° E.

Thence along lane. (At 24.00 chs. 1 road, bears N.W. and S. 30° E. At 25.25 chs. set a sandstone, 22 x 10 x 8 ins., 16 ins. in the ground, for angle cor. No. 2, marked < 2 A.V. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence

S. 32° 10' E. 8.40 chs. (At 5.30 chs. creek, 5 lks. wide, 1 in. deep, course S. 20° E. At 8.40

chs. angle cor. No. 5 on Arthur C. Whitings P.S.C., heretofore described, we mark it ∠3 A.V. on W. face, for angle cor. No. 3.

Thence

N. 88° 05' W. 2.31 chs. At 0.40 chs. creek, 5 lks. wide, 1 in. deep, course S. 20° E. At 0.81 chs. road, bears N. and S. At 2.31 chs. angle cor. No. 4 on Arthur C. Whiting's P.S.C., heretofore described, we mark it ∠4 A.V. on W. face, for angle cor. No. 4. From this cor. claimant's born bears N. 70° W. about 2.00 chs. dist.

Thence

S. 24° 30' W. 4.87 chs. At 3.87 chs. road in canon, bears N.E. and S.W. At 4.04 chs. set a sandstone, 18 x 10 x 5 ins., 12 ins. in the ground, for ¼ mile cor., marked ¼ M. A.V. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. At 4.87 chs. angle cor. No. 3 on Arthur C. Whiting's P.S.C., heretofore described, which is also angle cor. No. 3 on Aaron Johnson's P.S.C. "tract 1", we mark the stone ∠5 A.V. on W. face, for angle cor. No. 5. From this cor. claimant's house bears N. 80° W. about 3.00 chs. dist.

Thence

S. 10° 27' W. 5.68 chs. angle cor. No. 2 on P. Edgar Whiting's P.S.C. "tract 1," also angle cor. No. 2 on Aaron Johnson's P.S.C. "tract 1," heretofore described, we mark it ∠6 A.V. on W. face, for angle cor. No. 6. Foot bench bears N. 15° W. 3/4 W.

Thence ascend

S. 50° 05' W. 10.47 chs. At 8.92 chs. road, bears N. 30° E. and S. 30° W. At 10.47 chs. angle cor. No. 2 on Henry Voyce's P.S.C., here-

tofore described, we mark it ⟨7 A.V. on N. face, for angle cor. No. 7.

Thence

N.42°44'W. 23.02 chs. At 2.88 chs. top of ascent, bears N.E. and S.W.; thence across bench. At 3.02 chs. fence, bears N.40°E. and S.40°W. and N.42°44'W. At 8.88 chs. fence, bears N.35°W. and S.42°44'E. At 17.63 chs. fence, bears N.40°E. and S.40°W. At 23.02 chs. set a sandstone, 18x9x8 ins., 12 ins. in the ground, for 1 mile cor., marked 1 M. A.V. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black and gravelly loam; 1st and 2nd rate.

No timber.

Undergrowth, oak, maple, and sage.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

September 27, 1899: At the noon hour the sky is overcast and solar observations are impossible.

Thence over level land; through dense undergrowth.

N.42°44'W. 0.86 chs. to beginning cor. on Henry Voyce's P.S.C., heretofore described, we mark it ⟨8 A.V. on N. face, for angle cor. No. 8.

Thence ascend mountain.

N.50°20'W. 33.35 chs. At 18.30 chs. 2½ mile cor. on Henry Voyce's P.S.C. At 26.85 chs. top of ascent, bears N. and S.; thence across bench. At 33.35 chs. angle cor. No. 10 on Henry Voyce's

P.S.C., heretofore described, we mark it < 9 Q.U. on N. face, for angle cor. No. 9.

Thence

S. 39°40' W. 12.28 chs. At 5.79 chs. set a sandstone, 20 x 8 x 8 ins., 15 ins. in the ground, for 1/4 mile cor., marked 1/4 M. Q.U. on N.W. face; and raise a mound of stone, 2 ft. base, 1/2 ft. high, N.W. of cor. Pits impracticable. At 12.28 chs. angle cor. No. 9 on Henry Voyce's P.S.C. heretofore described, we mark it < 10 Q.U. on N. face, for angle cor. No. 10.

Thence

N. 50°20' W. 26.65 chs. At 12.67 chs. 2 mile cor. on Henry Voyce's P.S.C. At 26.65 chs. angle cor. No. 8 on Henry Voyce's P.S.C., heretofore described, we mark it angle 11 Q.U. on N.E. face, for angle cor. No. 11. Edge of bench, bears N.W. and S.E.

Thence

N. 0°02' W. 6.56 chs. set a sandstone, 20 x 10 x 8 ins., 15 ins. in the ground, for 2 mile cor., marked 2 M. Q.U. on E. face; and raise a mound of stone, 2 ft. base, 1/2 ft. high, E. of cor. Pits impracticable.

Land, mountainous and level.
Soil, black loam and gravelly; 1st and 2nd rate.
No timber.
Undergrowth, oak, maple, and sage.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.

Thence over level bench; through

dense undergrowth.

N. 0° 02' W. 9.10 chs. set a sandstone, 18 x 9 x 8 ins., 12 ins. in the ground, for angle cor. No. 12, marked < 12 G. L. on S. E. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence

S. 50° 20' E. 30.99 chs. At 30.90 set a sandstone, 20 x 10 x 10 ins., 15 ins. in the ground, for 2½ mile cor., marked ¼ M. A. L. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable. At 30.99 chs. set a sandstone, 18 x 12 x 8 ins., 12 ins. in the ground, for angle cor. No. 13, marked < 13 A. L. on S. E. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence

N. 39° 40' E. 10.17 chs. set a sandstone, 20 x 9 x 8 ins., 15 ins. in the ground, for angle cor. No. 14, marked < 14 A. L. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. Edge of bench, bears N. W. and S.

Thence descend.

S. 61° 45' E. 29.74 chs. At 16.00 chs. water ditch, 4 lks. wide, course S. W. At 29.74 chs. set a sandstone, 18 x 10 x 8 ins., 12 ins. in the ground, for 3 mile cor., marked ¾ M. A. L. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Land, mountainous.

Soil, gravelly loam; 2nd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered

with dense undergrowth, 80.00 chs.

Thence over mountainous land, through dense undergrowth; descend.
.61°45' E. 0.80 chs. to beginning cor. on Alfred Voyce's private land claim.
Land, mountainous.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 0.80 chs.

September 27, 1899.

Latitudes, departures, and closing errors.

True bearing	Distance	Latitudes		Departures	
		N.	S.	E.	W.
	Chs.	Chs.	Chs.	Chs.	Chs.
S. 61°10' E.	25.25		12.18	22.12	
S. 32°10' E.	8.40		7.11	4.47	
N. 88°05' W.	2.31	.08			2.31
S. 24°30' W.	4.87		4.43		2.02
S. 10°27' W.	5.68		5.59		1.03
S. 50°05' W.	10.47		6.72		8.03
N. 42°44' W.	23.88	17.54			16.20
N. 50°20' W.	33.35	21.29			25.67
S. 39°40' W.	12.28		9.45		7.84
N. 50°20' W.	26.65	17.01			20.51
N. 0°02' W.	15.96	15.96			.01
S. 50°20' E.	30.99		19.78	23.86	
N. 39°40' E.	10.17	7.83		6.49	
S. 61°45' E.	30.54		14.46	26.90	
Totals.		79.71	79.72 79.71	83.84 83.62	83.62
Error in lat.			.01		
Error in dep.				.22	

General Description.

Alfred Voyce's private land claim is located in secs. 2 and 3, T. 7 S., R. 4 E.;

and lies west of Hobble Creek Canon. About 20 acres of the claim is cultivated as farm and garden, and is irrigated from a reservoir in Dry Canon; the remainder of the claim is used as a pasture.

Claimants house and barn are located near the east end of claim. He is living on the claim with his family.

Value of improvements about $800 00/100.

Total area 144 76/100 acres.

September 27, 1899.

Boundaries of Mary E. Whiting's land claims.

Mary E. Whiting having duly presented her claim and proofs of 20 years adverse possession of a tract of land in secs. 2 and 3 in T. 7 S., R. 4 E. and sec. 35 in T. 6 S., R. 4 E.; we proceed, in accordance with Special Instructions to establish the boundaries as follows:

At angle cor. No. 2 on Alfred Voyce's P. L. C., heretofore described, which is 1.49 chs. N. and 0.50 chs. W. of the ¼ sec. cor. bet. secs. 2 and 3, T. 7 S., R. 4 E. (described hereafter in subdivision T. 7 S. R. 4 E.) We mark the stone, Beg. Cor. 1 M. E. W. on E. face, for beginning cor. on Mary E. Whiting's private land claim. September 28, 1899: At 8h 25m a. m., l. m. t., we set off 40° 14' N., on the lat. arc; 2° 05' E., on the decl. arc; and determine a true meridian, with the solar, at the above described cor.

Thence we run

Over mountainous land; through dense undergrowth; ascend.

N. 19° 30' E. 53.87 chs. At 1.10 chs. creek, from Berry Port and Dry cañons, 3 lks. wide, course S. E. At 8.20 chs. top of ascent, bears N. W. and S. E. Leaves undergrowth and enter cultivated land, bears N. W. and S. E. Thence across bench, along fence. At 9.15 chs. fence, bears N. W. and S. E. At 40.00 chs. set a sandstone, 26 x 10 x 6 ins., 18 ins. in the ground, for ½ mile cor., marked ½ M. M. E. W. on E. face; and raise a mound of stones, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. At 53.87 chs. set a sandstone, 20 x 10 x 8 ins., 15 ins. in the ground,

for angle cor. No. 2, marked L2 M. E.W. on S. E. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable. Enter dense undergrowth.

Thence along fence.

N. 19° 55' E. 4.27 chs. set a sandstone, 16X10X10 ins., 11 ins. in the ground, for angle cor. No. 3, marked L3 M. E. W. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable. Leave brush and enter cultivated land.

Thence

S. 77° 5' E. 21.86 chs. At 4.00 chs. leave cultivated land and enter dense undergrowth, bears N. and S. At 8.50 chs. water ditch, 3 lks. wide, course S. At 20.85 chs. wire fence, bears N. and S. At 21.86 chs. set a sandstone, 20X12X8 ins., 15 ins. in the ground, for 1 mile cor. on Mary E. Whiting's P.S.C., marked 1 M. M. E. W. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black loam and gravelly; 1st and 3rd rate.

No timber.

Undergrowth, oak.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 26.06 chs.

September 28, 1899: At the noon hour the sky is overcast and solar observations are impossible.

Thence

Over level bench; through dense under-

growth.

S. 77° 15' E. 33.64 chs. At 1.25 chs. leave bench, bears N.E. and S.W.; descend. At 6.95 chs. enter heavy cotton-wood timber, bears N.E. and S.W. At 8.85 chs. Hobble Creek, 20 lks. wide, 6 ins. deep, rapid current, rocky bottom, in Hobble Creek Cañon, course S.W.; ascend. At 9.95 chs. road, bears N.E. and S.W. At 10.70 chs. leave timber, bears N.E. and S.W. At 17.60 chs. water ditch, 4 lks. wide, course S. 10° W. At 33.64 chs. set a quartzite stone, 18 x 10 x 6 ins., 12 ins. in the ground, for angle cor. No. 4, marked ∠4 M.E. W. on S.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.W. of cor. Pits impracticable.

Thence

South 8.59 chs. At 6.36 chs. set a quartzite stone, 18 x 8 x 8 ins., 12 ins. in the ground, for 1½ mile cor., marked ½ M. M.E.W. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. At 8.59 chs. set a quartzite stone, 18 x 12 x 6 ins., 12 ins. in the ground, for angle cor. No. 5 on Mary E. Whiting's P.S.C., marked ∠5 M.E. W. on N.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N.W. of cor. Pits impracticable.

Thence descend.

West 35.86 chs. At 5.00 chs. bottom of hollow, 40 ft. below angle cor., course N.W.; ascend. At 7.50 chs. top of ridge, 50 ft. above hollow, bears N.W. and S.E.; descend. At 12.00 chs. bottom of hollow, 40 ft. below

ridge, course N.W.; ascend. At 15.00 chs. top of ridge, 40 ft. above hollow, bears N.W. and S.E.; descend. At 26.00 chs. ditch, 4 lks. wide, course S.W. At 35.86 chs. set a quartzite stone, 18 x 8 x 8 ins., 12 ins. in the ground, for angle cor. No. 6, marked ∠6 M.E.W. on N.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N.W. of cor. Pits impracticable.

Thence

S. 39° W. 1.91 chs. set a quartzite stone, 18 x 14 x 8 ins., 12 ins. in the ground, for 2 mile cor., marked 2 M.M. E.W. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black loam and gravelly; 1st and 3rd rate.

Timber, cottonwood.

Undergrowth, oak, maple, and service berry.

Good grass for grazing.

Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.

Thence

Over mountainous land; through dense undergrowth; descent gently along E. side of canon. At 50.9 chs. hollow, course West.

S. 39° W. 50.91 chs. At 7.95 chs. angle cor. No. 2 on P. Edgar Whiting's P.S.C. "tract 2". At 29.35 chs. the beginning cor. on P. Edgar Whiting's P.S.C. "tract 2"; which is also angle cor. No. 6 on Arthur C. Whiting's P.S.C. At 30.16 chs. foot of descent, bears

N. 20° E. and S. 20° W. Thence along canon bottom. At 37.99 chs. Hobble Creek, 20 lks. wide, 1 ft. deep, course S. 20° W. At 39.24 chs. road in canon, bears N. 20° E. and S. 20° W. At 40.00 chs. set a sandstone, 16 x 10 x 6 ins., 11 ins. in the ground, for 2 1/2 mile cor. on Mary E. Whiting's P. S. C., marked 1/2 M. M. E. W. on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable. At 40.74 chs. fence, bears N. 30° W. and S. 30° E. At 43.40 chs. claimant's barn bears W. about 1.00 chs. dist. At 50.91 chs. angle cor. No. 5 on Arthur C. Whiting's P. S. C.; which is angle cor. No. 3 on Alfred Voyce's P. S. C., heretofore described, we mark it < 7 M. E. W. on N. face, for angle cor. No. 7.

Thence

N. 32° 10' W. 8.40 chs. At 1.60 chs. claimants' house bears North about 75 lks. dist. At 3.10 chs. creek, 5 lks. wide, 1 in. deep, course S. 20° E. At 5.40 chs. the beginning cor. on Mary E. Whiting's private land claim.

Land, mountainous and level.
Soil, black and gravelly loam; 1st and 2nd rates.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 54.31 chs.

September 25, 1879.

Latitudes, departures, and closing errors.

True bearing	Distance	Latitudes		Departures	
		N.	S.	E.	W.
	Chs.	Chs.	Chs.	Chs.	Chs.
N. 19°30' E.	53.87	50.78		17.98	
N. 19°55' E.	4.27	4.01		1.45	
S. 77°15' E.	55.50		12.25	54.13	
South	8.59		8.59		
West	35.86				35.86
S. 39° W.	52.82		41.05		33.24
N. 32°10' W.	8.40	7.11			4.47
Totals		61.90	61.89	73.56	73.57

Error in lat. .01 (61.89 / 61.90)

Error in dep. .01 (73.56 / 73.57)

General Description

Mary E. Whiting's private land claim is located in secs. 2 and 3, T.7 S., R.4 E. and sec. 35, T.6 S., R.4 E., and lies mostly on the bench bet. Hobble Creek Canon and Berry Port Canon.

About 50 acres of the claim is cultivated as farm and garden and is irrigated from creek in Packard Canon and Hobble Creek; the remainder of the claim is used as a pasture.

Claimant's house and other improvements are situated near the S. end of the claim.

Total area of claim, 151 99/100 acres.

Value of improvements about $1000.00.

The claimant is living on the claim.

September 28, 1899

Boundaries of Joseph H. Curtis' private land claim "tract 1".

Joseph H. Curtis having duly presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 3, T.7 S., R.4 E., we proceed, in accordance with "Special Instructions" to establish the boundaries as follows:

At a point 12.35 chs. N. and 3.53 chs. W. of the ¼ sec. cor. bet. secs. 2 and 3, T.7 S., R.4 E. (described hereafter in the subdivision of T.7 S., R.4 E.) Set a sandstone, 18 x 10 x 5 ins., 12 ins. in the ground, for beginning cor. on Joseph H. Curtis' private land claim "tract 1", marked Beg. Cor. / J.H.C. on N.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N.W. of cor. Pits impracticable.

From this cor. claimant's house bears N. 63° 30' W. 2.50 chs. dist.

September 29, 1899: At 8h 30m a.m., l.m.t., we set off 40° 11' N., on the dec. arc; 2° 28' S., on the dec. arc; and determine a true meridian with the solar, at the above described cor.

Thence we run

Over level land; through dense undergrowth.

West 4.50 chs. At 1.00 chs. fence, bears N. 0° E. and S. 80° W. At 4.12 chs. fence, bears N. 25° W. and S. 25° E. At 4.40 chs. road, bears N. 25° W. and S. 25° E. At 4.50 chs. set a sandstone, 22 x 12 x 6 ins., 16 ins. in the ground, for angle cor. No. 2, marked 2 / 2 J.H.C. on N.E. face; and raised a mound of stone, 2 ft. base, 1½ ft. high, N.E. of cor. Pits impracticable.

Thence

N. 25° W. 6.25 chs. set a sandstone, 18 x 12 x 6 ins., 12 ins. in the ground, for angle cor. No. 3, marked ∠3 J. H. C. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence

East 4.50 chs. At 1.60 chs. road, bears N. 20° W. and S. 20° E. At 2.44 chs. fence, bears N. 20° W. and S. 20° E. At 3.27 chs. fence, bears N. 80° W. and S. 80° E. At 4.30 chs. wash, 10 lks. wide, from Berry Port Canon, course S. 25° E. At 4.50 chs. set a sandstone, 18 x 10 x 6 ins., 12 ins. in the ground, for angle cor. No. 4, marked ∠4 J. H. C. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Thence

S. 25° E. 6.25 chs. At 5.41 chs. wash, 10 lks. wide, from Berry Port Canon, course S. E. At 6.25 chs. the beginning cor. on Joseph H. Curtis' private land claim "tract 1".

Land, level.

Soil, black loam; 1st rate.

No timber.

Undergrowth, oak and sage.

Good grass for grazing.

Land covered with dense undergrowth, 21.50 chs.

Latitudes, departures, and closing errors.

True bearing	Distance	Latitudes		Departures	
		N.	S.	E.	W.
	chs.	chs.	chs.	chs.	chs.
West	4.50				4.50
N. 25° W.	6.25	5.66			2.64
East	4.50			4.50	
S. 25° E.	6.25		5.66	2.64	
Totals		5.66	5.66	7.14	7.14

General Description

Joseph H. Curtis' private land claim, "tract 1" is located in sec. 3, T. 7 S., R. 4 E.; and lies at the mouth of Berry Port Canon.

Claimant's house is situated in the central part of the claim. He is living on the claim.

Value of improvements about $400.00

Total area of "tract 1" 2 55/100 acres.

Boundaries of John C. Whitings private land claim.

John C. Whiting having duly presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 2 and 3, T.7 S., R.4 E. and secs. 34 and 35, T.6 S., R.4 E., we proceed, in accordance with Special Instructions, to establish the boundaries as follows:

Beginning at angle cor. No. 2 on Mary E. Whiting's P.S.C., heretofore described, which is 12.25 chs. N. and 17.49 chs. E. of the cor. of secs. 2, 3, 34, and 35, on N. bdy. of T.7 S., R.4 E. (described hereafter in the N. bdy. of T.7 S. R.4 E.), we mark it Beg. Cor. J. C. W. on S.W. face, for beginning cor. on John C. Whiting's private land claim.

September 29, 1899: At 10h 0m a. m., l. mn. A., we set off 40° 14' N., on the lat. arc; 2° 30' S., on the decl. arc; and determine a true meridian with the solar at the cor. described above.

Thence we run

Over level bench. Along fence. Through cultivated land.

S. 19° 30' W. 53.87 chs. At 13.87 chs. ½ mile cor. on Mary E. Whiting's P.S.C. At 40.00 chs. set a quartzite stone, 18 x 12 x 4 ins., 12 ins. in the ground, for ¼ mile cor., marked ¼ M. J. C. W. on W. face; and raise a mound of stones, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. At 44.72 chs. fence, bears N.W. and S.E. At 45.67 chs. begin descent from bench, bears N.W. and S.E. Leave fence and enter dense undergrowth, bears N.W. and S.E. At 49.00 chs. claimant's horn bears W. about 100 ch. dist. At 52.77 chs. creek from Berry Port and

Dry cañons, 3 lks. wide, course S.E. At 53.87 chs. angle cor. No. 2 on Alfred Voyce's P.S.C. also beginning cor. on Mary E. Whiting's P.S.C., heretofore described, we mark it <2 J.C.W. on N. face, for angle cor. No. 2.

Thence along lane.

N.61°10'W. 25.25 chs. At 1.25 chs. road, bears N.W. and S.30° E. At 3.00 chs. claimant's house bears N. about 4.00 chs. dist. At 7.50 chs. fence, bears N.50°W. and S.50° E. Leave lane. Ascend mountain. At 15.25 chs. cor. of fence, bears N.E. and W. At 25.25 chs. the beginning cor. on Alfred Voyce's P.S.C., heretofore described, we mark it <3 J.C.W. on N.E. face, for angle cor. No. 3.

Thence descend.

North 0.78 chs. set a sandstone, 20x8x4 ins., 15 ins. in the ground, for 1 mile cor., marked 1 M. J.C.W. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.

Land, mountainous and level.
Soil, black loam and gravelly; 1st and 3rd rate.
No timber.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 34.33 chs.
September 29, 1899: At the noon hour the sky is overcast and solar observations are impossible.

Thence over mountainous land;

through dense undergrowth; descend.
North 44.03 chs. At 2.50 chs. road, bears N.50°W. and S.50°E. in Clay Canon, course S.50°E.; ascend. At 11.00 chs. top of ascent, bears N.50°W. and S.50°E., thence across bench. At 40.00 chs. set a sandstone, 18x14x10 ins., 12 ins. in the ground, for 1/4 mile cor., marked 1/4 M.J.C.W. on on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. Leave bench and ascend, bears E. and W. At 44.03 chs. set a sandstone, 18x10x8 ins., 12 ins. in the ground, for angle cor. No. 4, marked <4 J.C.W. on S.E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.E. of cor. Pits impracticable.

Thence descend.
East 18.84 chs. At 18.34 chs. ditch, 3 lks. wide, course S.20°W. At 18.58 chs. road, bears N.20°E. and S.20°W. At 18.84 chs. fence, bears N.20°E. and S.20°W. set a sandstone, 18x12x5 ins., 12 ins. in the ground, for angle cor. No. 5, marked <5 J.C.W. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. Foot of descent, leave undergrowth and enter cultivated land, bears N.20°E. and S.20°W.

Thence
S.27°50'E. 8.10 chs. At 4.10 chs. bottom of Berry Port Canon, course S.20°W. Leave cultivated land and enter dense undergrowth, bears N.20°E. and S.20°W. Ascend. At 8.10 chs. top of ascent, bears N.20°E. and

S.20° W. Set a sandstone, 16x12x7 ins, 11 ins. in the ground, for angle cor. No. 6, marked <6 J.C.W. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. Thence across bench.

Thence

N.87°15' E. 9.03 chs. set a quartzite stone, 18x8x5 ins., 12 ins. in the ground, for 2 mile cor., marked 2 M. J.C.W. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black loam and gravelly; 1st and 3rd rate.

No timber.

Undergrowth, oak and service berry.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

Thence

Across bench, through dense undergrowth.

N.87°15' E. 8.48 chs. to the beginning cor. on John C. Whiting's private land claim; which is angle cor. No. 2 on Mary E. Whiting's private land claim.

Land, level.

Soil, black loam; 1st rate.

No timber.

Undergrowth, oak.

Good grass for grazing.

Land covered with dense undergrowth, 8.48 chs.

September 29, 1899.

Latitudes, departures, and closing errors.

True bearing	Distance	Latitudes		Departures	
		N.	S.	E.	W.
	Chs.	Chs.	Chs.	Chs.	Chs.
S. 19°30' W.	53.87		50.78		17.98
N. 61°10' W.	25.25	12.18			22.12
North	44.91	44.91			
East	18.84			18.84	
S. 27°50' E.	8.10		7.16	3.78	
N. 87°15' E.	17.51	.84		17.49	
Totals		57.93	57.94	40.11	40.10
Error in lat.			57.93	40.10	
			.01		
Error in dep.				.01	

General Description.

John C. Whiting's private land claim is located in secs. 2 and 3, T. 7 S., R. 4 E. and in secs. 34 and 35 in T. 6 S., R. 4 E., and lies in and about Berry Port Canon.

About 22 acres of the claim is cultivated as farm and garden, and is irrigated from creek in Packard Canon and from springs about 1 mile N. of N. E. cor. of claim; the remainder of the claim is used as a pasture. Claimant's house and other buildings are located near the southern part of claim.

Claimant is living on the claim.

Value of improvements about $600.00.

Total area of claim, excluding Joseph H. Curtis' P.S.C. "tract 1" (which is 2 55/100 acres), is 154 18/100 acres.

September 29, 1899.

Boundaries of Moroni Miner's private land claim.

Moroni Miner having duly presented his claim and proofs of 20 years adverse possession of a tract of land in sec. 3, T. 7 S., R. 4 E. and in sec. 34, T. 6 S., R. 4 E., we proceed, in accordance with Special Instructions, to establish the boundaries as follows:

Beginning at angle cor. No. 4 on John C. Whiting's P. S. C., heretofore described, which is 18.56 chs. N. and 22.62 chs. W. of the cor. of secs. 2, 3, 34, and 35, on N. bdy. T. 7 S., R. 4 E. (described hereafter in the N. bdy. T. 7 S. R. 4 E.) we mark it Beg. Cor. 1 M. M. on S. W. face, for beginning cor. on Moroni Miner's private land claim.

September 30, 1899: At 8h 55m a. m., l. m. t., we set off 40° 14' N., on the lat. arc; 2° 52' S., on the decl. arc; and determine a true meridian, with the solar, at the above described cor.

Thence we run

Over mountainous land; through dense undergrowth; descend.

South 44.91 chs. At 4.03 chs., 1½ mile cor. on John C. Whiting's P. S. C. Foot of descent, bears E. and W.; thence across bench. At 33.03 chs. leave bench and descend, bears N. 50° W. and S. 50° E. At 40.00 chs. set a sandstone, 20 x 10 x 5 ins., 15 ins. in the ground, for ¼ mile cor., marked ½ M. M. M. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. At 41.53 chs. road, bears N. 50° W. and S. 50° E., in bottom of Dry Canon, course S. 50° E.; ascend. At 44.03 chs. 1 mile cor. on John C. Whiting's P. S. C. At

44.91 chs. angle cor. No. 3 on John C. Whiting's P.S.C.; also beginning cor. on Alfred Voyce's P.S.C., heretofore described, we mark it < 2 M.M. on N.W. face, for angle cor. No. 2.

Thence

N. 61°45' W. 30.54 chs. At 0.80 chs. 3 mile cor. on Alfred Voyce's P.S.C. At 14.54 chs. water ditch, 4 lks. wide, course S.E. At 30.54 chs. angle cor. No. 14 on Alfred Voyce's P.S.C. heretofore described, we mark it < 3 M.M. on N. face, for angle cor. No. 3. Top. of ascent, bears N.W. and S.; thence across bench.

Thence

S. 39°40' W. 4.55 chs. set a sandstone, 16 x 9 x 7 ins., 11 ins. in the ground, for 1 mile cor., marked 1 M.M.M. on N.W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N.W. of cor. Pits impracticable. Land, mountainous and level.

Soil, black loam and gravelly; 1st and 3rd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 5000 chs.

September 30, 1899: At the noon hour the sky is overcast and solar observations are impossible.

Thence over level bench; through dense undergrowth.

S. 39°40' W. 5.62 chs. to angle cor. No. 13 on Alfred Voyce's P.S.C., heretofore described, we mark it < 4 M.M. on N. face, for angle cor. No. 4.

Thence

N.50°20'W. 30.99 chs. At 0.09 chs. 2½ mile cor. on Alfred Voyce's P.S.C. At 30.99 chs. angle cor. No.12 on Alfred Voyce's P.S.C., heretofore described, we mark it <5 M.M. on E. face, for angle cor. No.5.

Thence

East 5.00 chs. At 3.39 chs. set a sandstone, 16x9x8 ins., 11 ins. in the ground, for 1½ mile cor., marked ½ M.M.M. on S. face. At 5.00 chs. set a sandstone, 20x10x6 ins., 15 ins. in the ground, for angle cor. No.6, marked <6 M.M. on S. face; and raise a mound of stones, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Thence

N.54°09'E. 31.71 chs. At 10.00 chs. edge of bench, bears N.W. and S.E.; descend abruptly. At 18.50 chs. water ditch, 4 lks. wide, course S.E. Foot of descent, bears N.W. and S.E. Enter Dry Canon. At 21.00 chs. road, bears N.W. and S.E. At 23.00 chs. bottom of Dry Canon, 200 ft. below angle cor., course S.E.; ascend. At 30.00 chs. top of ascent, bears N.W. and S.E.; thence across bench. At 31.71 chs. set a quartzite stone, 18x12x10 ins., 12 ins. in the ground, for angle cor. No.7, marked <7 M.M. on S.E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.E. of cor. Pits impracticable.

Thence

East 6.68 chs. set a quartzite stone, 20x10x5 ins., 15 ins. in the ground, for 2 mile cor., marked 2 M.M.M. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Land, mountainous and level.
Soil, black loam and gravelly; 1st

and 3rd rate.
No timber.
Undergrowth, oak, maple, and service-berry.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.00 chs.

Thence over bench; through dense undergrowth East 20.00 chs. At 10.00 chs. leave bench and descend, bears N.W. and S.E. At 20.00 chs. the beginning cor. on Moroni Miner's private land claim.
Land, mountainous and level.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 20.00 chs.

September 30, 1899.

Latitudes, departures, and closing errors.

True bearing	Distance	Latitudes		Departures	
		N.	S.	E.	W.
	Chs.	Chs.	Chs.	Chs.	Chs.
South	44.91		44.91		
N. 61° 45' W.	30.54	14.46			26.90
S. 39° 40' W.	10.17		7.83		6.49
N. 50° 20' W.	30.99	19.78			23.86
East	5.00			5.00	
N. 54° 09' E.	31.71	18.57		25.70	
East	26.68			26.68	
Totals		52.81	52.74	57.38	57.25
		52.74		57.25	
Error in lat.		.07			
Error in dep.				.13	

General Description.

Moroni Miner's private land claim is located in sec. 3, T.7 S., R.4 E. and in sec. 34, T.6 S., R.4 E.; and lies mostly

in Dry Canon.
About 5 acres of the claim has been cultivated as farm and garden, and is irrigated from a reservoir in Dry Canon; the remainder of the claim is used as a pasture.
Claimant's house is situated near the central part of the claim and cannot be seen from line.
Value of improvements about $100.00.
Total area of claim, 158.86 acres.

September 30, 1899.

Sam'l P. Stewart
John R. Stewart.
U. S. Deputy Surveyors.

BLANK

PAGE

Boundary of Jesse Fifields private land claim.

Jesse Fifield having duly presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 19, and 30, T. 7 S., R. 4 E., we proceed in accordance with Special Instructions to establish the boundary as follows:

The cor. of secs. 19, 20, 29, and 30, heretofore described we mark it Beg. Cor. No. 1. J. F. on N. W. face for beginning cor. on Jesse Fifield's private land claim.

February 25, 1901: At 8h 30m a. m., l. m. t., we set off 40° 11' N. on the lat. arc, 9° 8' S. on the decl. dlc. and determine a true meridian with the solar at the above described cor.

Thence we run

Over mountainous land, descend, through dence undergrowth.

S. 89° 54' W. 40.00 chs. At 25.76 chs. road in canon, bears N. 80° E. and S. 80° W. At 29.76 chs. bottom of Pole Heaven Cañon, 150 ft. below angle cor. No. 1, course N. 80° E.; ascend. At 40.00 chs. the ¼ sec. cor. bet. secs. 19 and 30 heretofore described, we mark it ¼ M. ∠ 2, J. F. on N. face for ½ mile cor. and angle cor. No. 2.

Thence descend.

South 20.00 chs. At 6.00 chs. foot of mountain, bears N. 60° E. and S. 80° W. At 8.00 chs. road, bears N. 60° E. and S. 80° W. At 10.00 chs. foot of mountain bears N. 60° E. and S. 60° W.; ascend. At 20.00 chs. set a quartzite stone, 18 × 6 × 6 ins., 12 ins. in the ground for angle cor. No. 3, marked ∠ 3 J. F. on N. W. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable.

Thence descend.

West 20.00 chs. From this point a log cabin bears N. 43° E. about 8.00 chs. dist. Set a sandstone, 15 × 10 × 6 ins., 10 ins. in the ground, for 1 mile cor. and angle cor. No. 4, marked 1 M. ∠ 4 J. F. on N. E.

face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. E. of cor. Pits impracticable.

Land, mountainous and level.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, aspen, oak, and maple.
Good grass for grazing.
Mountainous land or land covered with dense undergrowth, 80.00 Chs.
February 25, 1901; At the noon hour the sky is overcast and solar observations are impossible.

Thence over mountainous land through dense undergrowth; descend.

North 40.00 chs. At 1.75 chs. foot of descent, bears N. 60° E. and S. 60° W. At 2.50 chs. a small spring bears E. 25 lks. dist. At 10.55 chs. fence bears N. 85° E. and S. 85° W. At 10.70 chs. road bears N. 85° E. and S. 85° W. At 12.00 chs. foot of mountain bears N. 80° E. and S. 80° W.; descend. At 19.00 chs. top of ridge 130 ft. above cañon bears E. and W.; descend. At 19.96 chs. intersect line bet. secs. 19 and 30 at point 20.00 chs. S. 89° 54' W. of ¼ sec. cor. Set a quartzite stone, 16 x 9 x 5 ins., 10 ins. in the ground, for closing cor. of secs. 19 and 30, marked C. C. on W. and J. T. on E. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high; W. of cor. Pits impracticable. At 27.00 chs. foot of descent, bears E. and W. At 30.00 chs. wash, 5 lks. wide, 2 ft. deep, course E.; ascend gently. At 40.00 chs. set a quartzite stone, 16 x 8 x 6 ins., 10 ins. in the ground, for angle cor. No. 5, and ½ mile cor., marked ¼ 5, ½ M. J. T. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence

East 40.00 chs. At 20.00 chs. foot of mountain, bears N. W. and S. E.; ascend. At 30.00 chs. top of ridge 100 ft. above canon, bears N. and S.; descend. At 40.00 chs. Set a sandstone, 15 x 8 x 8 ins., 10 ins. in the ground, for 2 mile cor., marked 2 M., J. T. on S. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Sand; mountainous and level.

Soil, gravelly loam; 2nd rate.

No timber.

Undergrowth, aspen, maple, and oak.

Good grass for grazing.

Mountainous land or land covered with dense undergrowth, 80.00 chs.

Thence over mountainous land through dense undergrowth; descend.

East 20.00 chs. intersect line bet. secs. 19, and 20 at point N. 0° 4' W. 19.93 chs. from cor. of secs. 19, 20, 29, and 30., set a quartzite stone, 18 x 6 x 5 ins., 12 ins. in the ground, for closing cor. of secs. 19 and 20, and angle cor. no. 6, marked C. C. on N. and 6 J. T. on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

Thence descend gradually.

S. 0° 4' E. 19.93 chs. At 10.93 chs. bottom of Pole Heaven Canon, 250 ft. below sec. cor., course N. 70° E.; ascend. At 11.51 chs. pole fence, bears N. 70° E. and S. 70° W. At 12.03 chs. road in canon, bears N. 70° E. and S. 70° W. At 19.93 chs. the beginning cor. of Jesse Tifield's private land claim, and cor. of secs. 19, 20, 29 & 30.

Sand, mountainous.

Soil, gravelly; 2nd rate.

Good grass for grazing.
No timber.
Undergrowth, aspen, maple, and oak.
Mountainous land or land covered with dense undergrowth, 39.93 Chs.

Latitudes departures and closing errors.

Course	Dist	Latitudes		Departures	
	Chs.	N. – Chs.	S. – Chs.	E. – Chs	W. – Chs.
S. 89°54' W.	40.00		.07		40.00
South	20.00		20.00		
West	20.00				20.00
North	40.00	40.00			
East	60.00			60.00	
S. 0°4' E.	19.93		19.93	.02	
Totals.		40.00	40.00	60.02	60.00

General Description.

Jesse Fifield's private land claim is located in Secs. 19 and 30, T. 7 S., R. 4 E., and lies partly in Pole Heaven Cañon.
The claim is used as a pasture.
Claimant's cabin is located in the south-western part of the claim.
Value of improvements is about $100.00
Total area of claim 159.87 100 Acs.

February 25, 1901.

Boundaries of Louisa M. Johnson's private land claim.

Louisa M. Johnson having duly perfected her claim and proofs of 20 years adverse possession of a tract of land in secs. 27 and 34 T. 4 S. R. 4 E. we proceed in accordance with Special Instructions, to establish the boundaries as follows:

At a point 22.35 chs. S. and 10.00 chs. W. of the ¼ sec. cor. bet. secs. 27 and 34, heretofore described, we make a ledge of limestone, 16 x 9 x 7 ins. above ground, for beginning cor. on Louisa M. Johnson's private land claim, marked with a (X) cross at the exact cor. point and Beg. Cor. 1, L. M. J. on N. E. face; from which

A maple 3 ins. diam., bears N. 5° E., 46 lks. dist., marked Beg. Cor. 1, L. M. J. S. T.; and

raise a mound of stone 2 ft. base, 1½ ft. high N. E. of cor. Pits impracticable.

Feb. 23, 1901: At 8h 0m a. m., l. m. t., we set off 40° 10' N., on the Lat. arc, 19° 52' S., on the decl. arc; and determine a true meridian with the solar at the above described cor. Thence we run

Over mountainous land, through dense undergrowth; descend.

North 80.00 chs. (At 0.10 chs. cañada, 15 lks. wide 8 ins. deep, in bottom of right-hand fork of Double Cuck Cañon, 15 ft. below cors., course S. 80° W.; At 2.25 chs. road in cañon, bears N. 80° E. and S. 80° W. At 4.15 chs. leave cañon, ascend, bears E. and W. At 11.35 chs. top of ridge 80 ft. above cañon, bears E. and W. descend. At 22.35 chs. intersect line bet. secs. 27 and 34, 10.00 chs. W. of ¼ sec. cor. bet. secs. 27 and 34, heretofore described. Set a limestone 28 x 10 x 8 ins., 22 ins. in the ground, for closing cor. marked C. C. W. L. M. J. on S. face and raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor. Pits impracticable. At 34.85

chs. bottom of hollow, 30 ft. below ridge course E.; ascend. At 46.00 chs. The point for ¼ mile cor. falls on a limestone rock in place 36 x 24 x 10 ins. above ground on which we cut a (x) cross at the exact cor. point for ¼ mile cor. marked ¼ M., L. P. on E. face; and raise a mound of stone 2 ft. base 1½ ft. high E. of cor. Pits impracticable. At 50.00 chs. top of ridge 100 ft. above hollow, bears E. and W.; descend. At 59.00 chs. bottom of hollow, 30 ft. below ridge course E.; ascend. At 76.50 chs. top of ridge 100 ft. above hollow bears N.W. and S.E.; descend. At 80.00 chs. Set a limestone 20 x 9 x 7 ins., 15 ins. in the ground for 1 mile cor. and angle cor. No 2, marked 1 M., L 2, L. M. J. on S.E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S.E. of cor. Pits impracticable. Land, mountainous.

Soil, gravelly loam; 2nd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

February 23, 1901: At the noon hour the sky is overcast, and solar observations are impossible.

Thence over mountainous land through dense undergrowth; descend.

East 20.00 chs. At 10.00 chs. bottom of hollow 300 ft. below cor. course S. 20° E.; ascend. At 14.08 chs. top of ridge 30 ft. above hollow bears N. 10° W. and S. 10° E.; descend. At 17.00 chs. bottom of hollow 30 ft. below ridge course S. 10° E.; ascend. At 20.00 chs. Set a limestone 24 x 10 x 6 ins., 18 ins. in the ground, for angle cor. No. 3,

marked ∠ 3. L. M. J. on S. W. face; and raise a mound of stone 2 ft. base 1½ ft. high, S. W. of Cor. Cits impracticable.

Thence, descend.

South 60.00 chs. At 16.00 chs. road in canon at foot of descent, bears N. 35° E. and S. 35° W.; At 19.00 chs. Creek, 20 lks. wide 3 ins. deep, in right-hand fork of Hobble Creek Canon, course S. 25° W.; ascend. At 20.00 chs. Set a granite stone, 30 x 18 x 5 ins., 22 ins. in the ground for ½ mile cor., marked ½ M., L. M. J. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Cits impracticable. At 57.65 chs. Intersect line bet. secs. 27 and 34, 10.00 chs. E. of the ¼ sec. cor. heretofore described. Set a quartzite stone, 24 x 12 x 8 ins., 18 ins. in the ground, for closing cor. marked C. C. on E. L. M. J. on N. faces and raise a mound of stone, 2 ft. base 1½ ft. high, E. of cor. Cits impracticable. At 60.00 chs. Set a quartzite stone 15 x 10 x 5 ins., 10 ins. in the ground for 2 mile cor., marked 2 M. L. M. J. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Cits impracticable.

Sandy; mountainous.
Soil, gravelly loam; and rate:
No timber.
Undergrowth, oak, maple, and service-berry.
Good grass for grazing.
Mountainous land or land covered with dense undergrowth, 8000 chs.

Thence over mountainous land through dense undergrowth; ascend.

South, 20.00 chs. At 1.50 chs. claimant's house bears W. about 10.00 chs. dist. At 6.00 chs. top of ridge, bears E. and W.; descend. At 20.00 chs. set a limestone, 16 x 8 x 6 ins.,

11 mis. in the ground, for angle cor. No 4, marked + 4 L. M. J. on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable.

Thence descend.

West 20.00 chs. At 4.50 chs. road bears N. W. and S. E. in bottom of Day's Cañon, course N. W. A large spring bears N. W. about 4.00 chs. dist.; ascend. At 2000 chs. the beginning cor. of Louisa M. Johnson's private land claim, also 2½ mile cor. we marked ½ M. L. M. J. on N. E. face.

Land, mountainous.

Soil, gravelly, loam, and rocky; 2nd and 4th rate. No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 40.00 chs.

February 23, 1901.-

Latitudes Departures and Closing errors.

February 23, 1901.

Course-	Dist	Latitudes		Departures	
	Chs.	Chs. N.	Chs. S.	Chs. E.	Chs W.
North	80.00	80.00			
East	20.00			20.00	
South	80.00		80.00		
West	20.00				20.00
Totals		80.00	80.00	20.00	20.00

General Description.

Louisa M. Johnson's private land claim is located in secs. 27 and 34, T. 7 S. R. 4 E., and lies mostly in the right hand fork of Hobble Creek Cañon. About 5 acres of the claim is cultivated as farm and garden, and is irrigated from the creek. The remainder of the claim is used as a pasture. Claimant's house is located near the southeastern part of the claim.

Approximate value of improvements $400.00.

Area of claim 160 00/100 acres

Boundary of Ozias J. Strong's private land claim.
Ozias J. Strong having duly presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 19 and 30 T. 7 S., R. 4 E.; we proceed, in accordance with Special Instructions to establish the boundary as follows:
Cor. No. 4 and 1 mile cor. on Jesse Fifield's P. L. C., which is 20.00 chs. S. and 20.00 chs. W. of the ¼ sec. cor. bet. secs. 19 and 30, T. 7 S., R. 4 E., heretofore described, we mark it Beg. Cor. 1, O.J.S. on W. face; for beginning cor. on Ozias J. Strong's private land claim.
February 26, 1901. At 8h 30m a. m., l. m. t., we set off 40° 11' N., on the hor. arc. 8° 16' S. on the decl. arc. and determine a true meridian with the solar, at the above described cor.
Thence we run, over mountainous land through dense undergrowth, as follows:

East 20.00 chs. Angle cor. No. 3 on Jesse Fifield's P. L. C., we mark it ∠ 2, O.J.S. on S.W. face, for angle cor. No 2.

Thence ascend.

South 20.00 chs. set a quartzite stone, 15 x 9 x 6 ins., 10 ins. in the ground for ¼ mile and angle cor No 3, marked ¼ M. ∠ 3, O.J.S. on N.W. face; and raise a mound of stone 2 ft. base 1½ ft. high, N. W. of cor. Pits impracticable.

Thence descend.

West 40.00 chs. At 22.50 chs. bottom of hollow 200 ft. below angle cor. No. 3, course N.; ascend. At 40.00 chs. set a quartzite stone, 16 x 6 x 6 ins., 10 ins. in the ground, for angle cor. No. 4 and 1 mile cor., marked ∠ 4, 1 M. O.J.S. on N. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. E. of cor. Pits impracticable.

Land, mountainous.
Soil, gravelly; 3rd rate.
Undergrowth, aspen, maple, and oak.
No timber.

Good grass for grazing.
Mountainous land or land covered with dense undergrowth, 80.00 chs.
February 26, 1901: At this cor. we set off 8° 43' E. on the decl. arc; and at 0h 3 m. p. m., l. m. t., observe the sun on the meridian, the resulting l. = is 40° 11' N.

Thence over mountainous land through dense undergrowth, descend.

North 60.00 chs. At 14.00 chs. bottom of Pole Heaven Cañon 200 ft. below 1 mile cor., course N. 60° E.; ascend. At 14.25 chs. road in cañon, bears N. 60° E. and S. 60° W. At 39.00 chs. top of ridge, 200 ft. above cañon bears E. and W.; descend. At 40.00 chs. intersect line bet. secs. 19 and 30, at point N. 89° 54' E. 22.26 chs. from cor. of secs. 19, 24, 25, and 30, heretofore described. Set a sandstone, 18 x 10 x 5 ins., 12 ins. in the ground, for closing cor. of secs. 19 and 30, and 1/2 mile cor., marked 1/2 M. O. J. S. on E. faces; and raise a mound of stone, 2 ft. base, 1/2 ft. high, W. of cor. Pits impracticable. At 48.00 chs. foot of descent, bears E. and W. At 51.00 chs. wash, 5 lks. wide, 11 ft. deep, course E. At 54.00 chs. foot of ascent, bears E. and W.; ascend. At 56.00 chs. top of ridge, 50 ft. above wash, bears E. and W.; descend. At 58.00 chs. foot of descent, bears E. and W. At 60.00 chs. set a quartzite stone, 17 x 7 x 5 ins., 11 ins. in the ground, for angle cor. No. 5, marked ∠ 5, O. J. S. on S. E. face; and raise a mound of stone, 2 ft. base, 1/2 ft. high, S. E. of cor. Pits impracticable.

Thence

East 20.00 chs. At 2.00 chs. foot of mountain, bears

N. W. and S. E.; ascend. At 6.00 chs. top of ridge, 30 ft. above hollow, bears N. 5° W. and S. 5° E.; descend. At 8.00 chs. bottom of hollow, 30 ft. below ridge, course S.; ascend. At 10.00 chs. top of ridge, 20 ft. above hollow; bears N. 10° E. and S. 10° W.; descend. At 15.00 chs. foot of descent, bears N. E. and S. W. At 20.00 chs. angle cor. No. 5; and ½ mile cor. on Jesse Fifield's private land claim, we mark it L 6, 2 M. O. J. S. on S. W. face for angle cor. No. 6 and 2 mile cor.

Land, mountainous and level.
Soil, gravelly; 2nd rate.
No timber.
Undergrowth, aspen, oak, and maple.
Good grass for grazing.
Mountainous land of land covered with dense undergrowth, 80.00 chs.

Thence over nearly level land through dense undergrowth, descend gently.

South 40.00 chs. At 10.00 chs. wash 5 lks. wide, 3 ft. deep course E.; ascend gently. At 13.00 chs. foot of mountain, bears E. and W.; ascend At 28.04 chs. intersect line bet. secs. 19 and 30 at closing cor. on Jesse Fifield's P. L. C., at point 20.00 chs. S. 89° 54' W. of ¼ sec. cor., we mark it C. C. on W. and O. J. S. on W. faces; for closing cor. of secs. 19 and 30. At 21.00 chs. top of ridge, 150 ft. above wash, bears E. and W.; descend. At 28.00 chs. foot of mountain bears N. 85° E. and S. 85° W. At 29.30 chs. road, bears N. 85° E. and S. 80° W. The N. E. cor. of a cultivated field of about 10.00 acres bears W. 1.00 chs. dist. At 29.43 chs. fence, bears N. 85° E. and S. 85° W. At 38.25 chs. foot of

mountain, bears N. 60° E. and S. 60° W.; ascend. At 40.00 chs. the beginning cor. on Ozias J. Strong's private land claim.

Land, mountainous and level.
Soil, gravelly; 2nd rate.
No timber.
Undergrowth, aspen, maple and oak.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 40.00 chs.

February 26, 1901.

Latitudes departures and closing errors.

Course	Distance.	Latitudes.		Departures.	
	Chains.	N.-Chs.	S.-Chs.	E.-Chs.	W.-Chs.
East	20.00			20.00	
South	20.00		20.00		
West	40.00				40.00
North	60.00	60.00			
East	20.00			20.00	
South	40.00		40.00		
Total		60.00	60.00	40.00	40.00

General Description.

Ozias J. Strong's private land claim is located in Secs. 19 and 30, T. 7 S. R. 4 E., and lies mostly in Pole Heaven Canon.
About 10.00 acres of the claim is cultivated, and the ballance is used as a pasture.
Value of improvements about $150.00.
Total area of claim 160.00 acres.

Scott P. Stewart
John R. Stewart
U. S. Deputy Surveyors

NAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by ..... United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of .....

showing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted ..... United States Deputy Surveyor, in surveying all those parts or portions of the ..... of the ..... meridian, ... of ....., which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for .....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

Subscribed and sworn to before me this .....

day of ....., 189

SEAL

.....

6—151

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date of the _____ day of _____, 189 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____ of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear 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 United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

_____

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me this _____ day of _____, 189

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, March 31, 1902, 189

The foregoing field notes of the survey of the subdivisional lines and private Land Claim in Township 7 South Range 4 East of the Salt Lake Base & Meridian Utah

executed by Scott P. Stewart & John R. Stewart under ~~his~~ their contract No. 226, dated January 26, 1899, having been critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Edward M. Anderson

United States 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.

_____

United States Surveyor General.

6-151