Volume

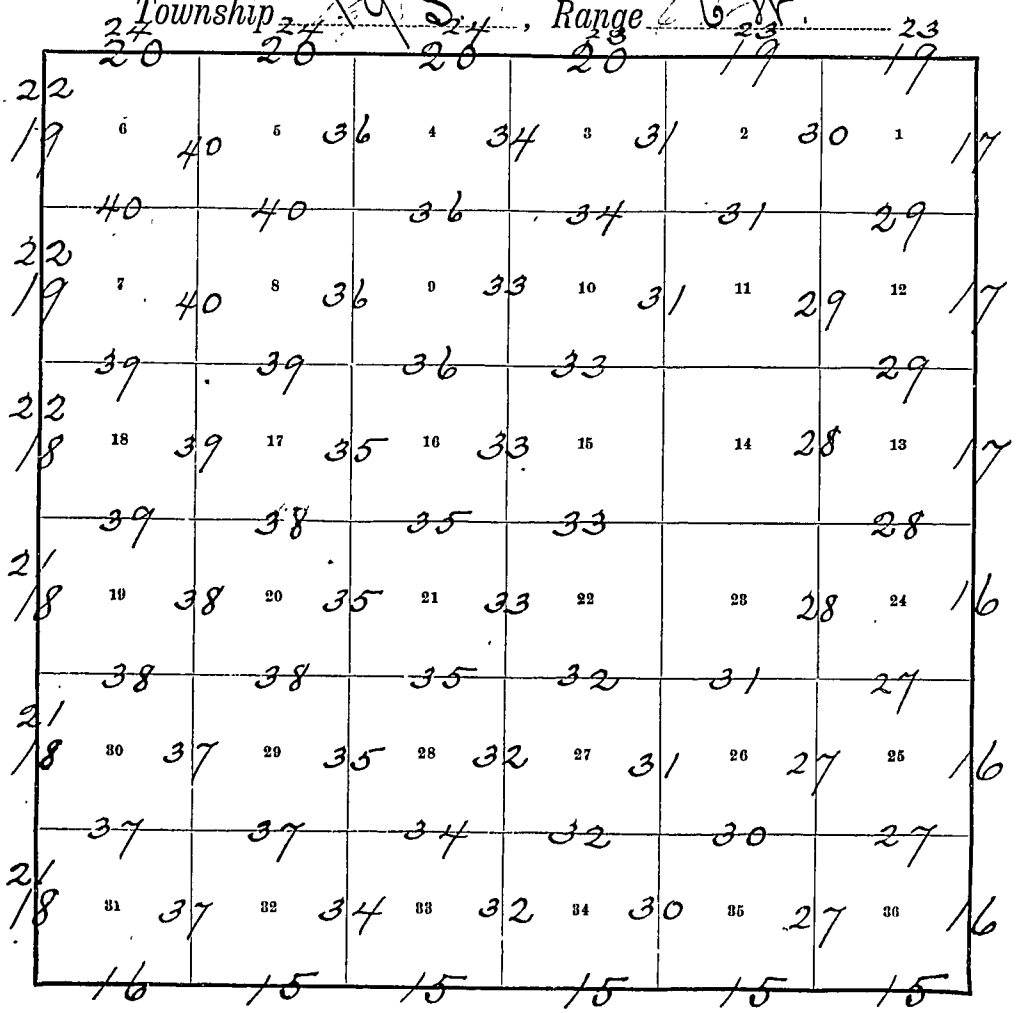
# #

R0279

BOOK A-279

INDEX DIAGRAM.

Township 19 S., Range 27 W.



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 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

_____

_____, *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 establishm
of corners, according to the instructions given us, to the best of our skill and ability, in the survey

_____

_____, *Moundm*

_____, *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 surve

_____

_____, *Axm*

_____, *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,
survey of _____

_____, *Fla*

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

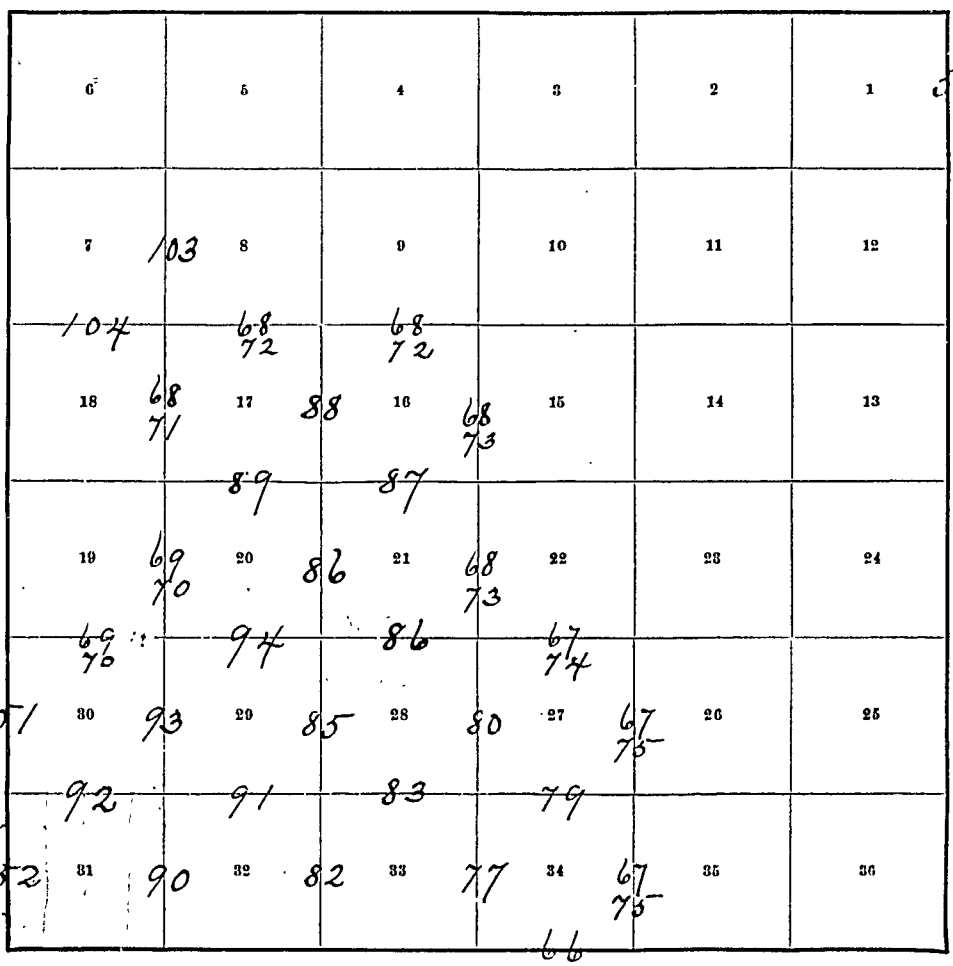
SEAL

_____

BOOK A-279

INDEX DIAGRAM.

Township 25 S., *Range* 1 W.



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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

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_____, *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 _____
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BOOK A-279

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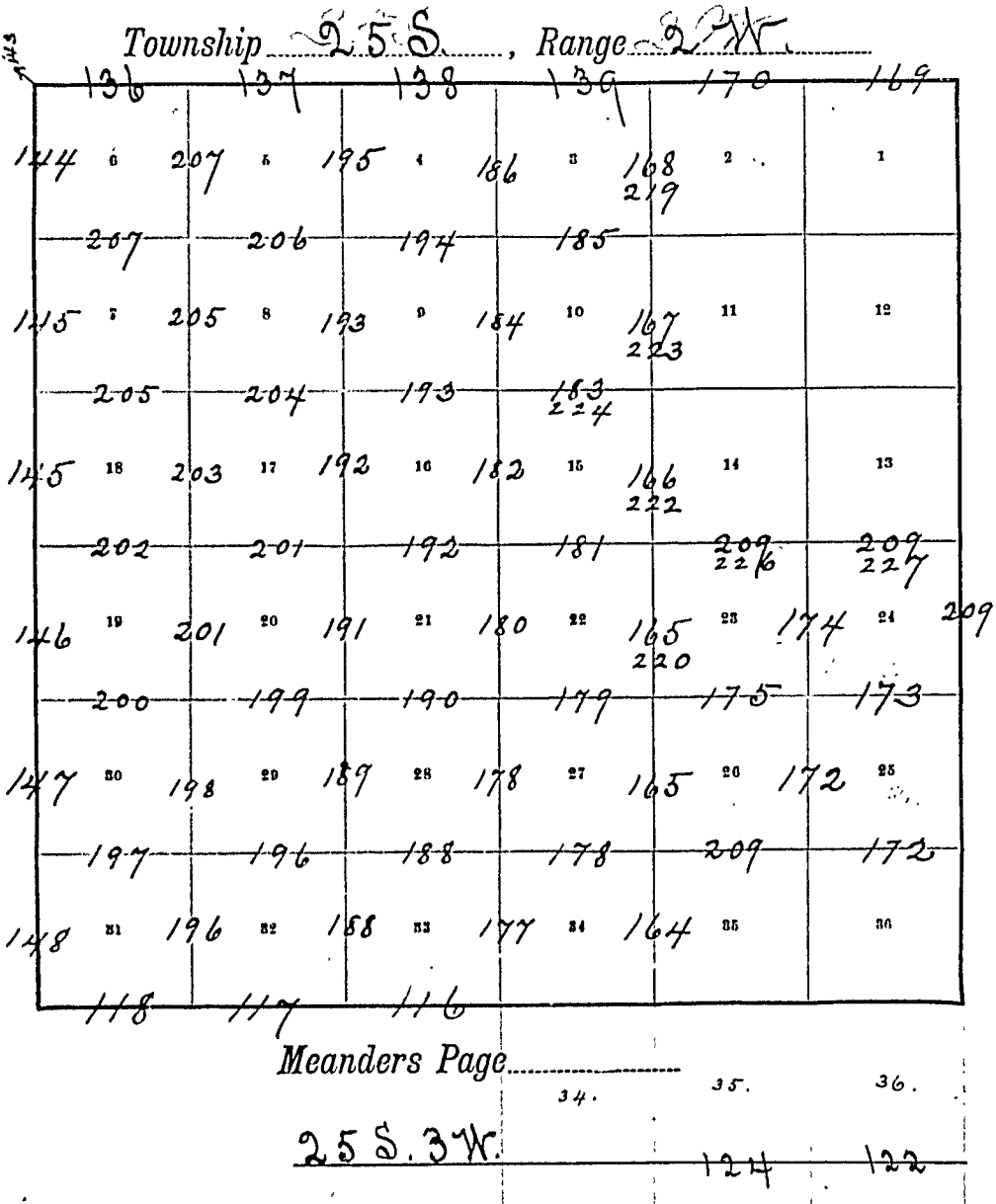

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_____, *Axman.*

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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.*

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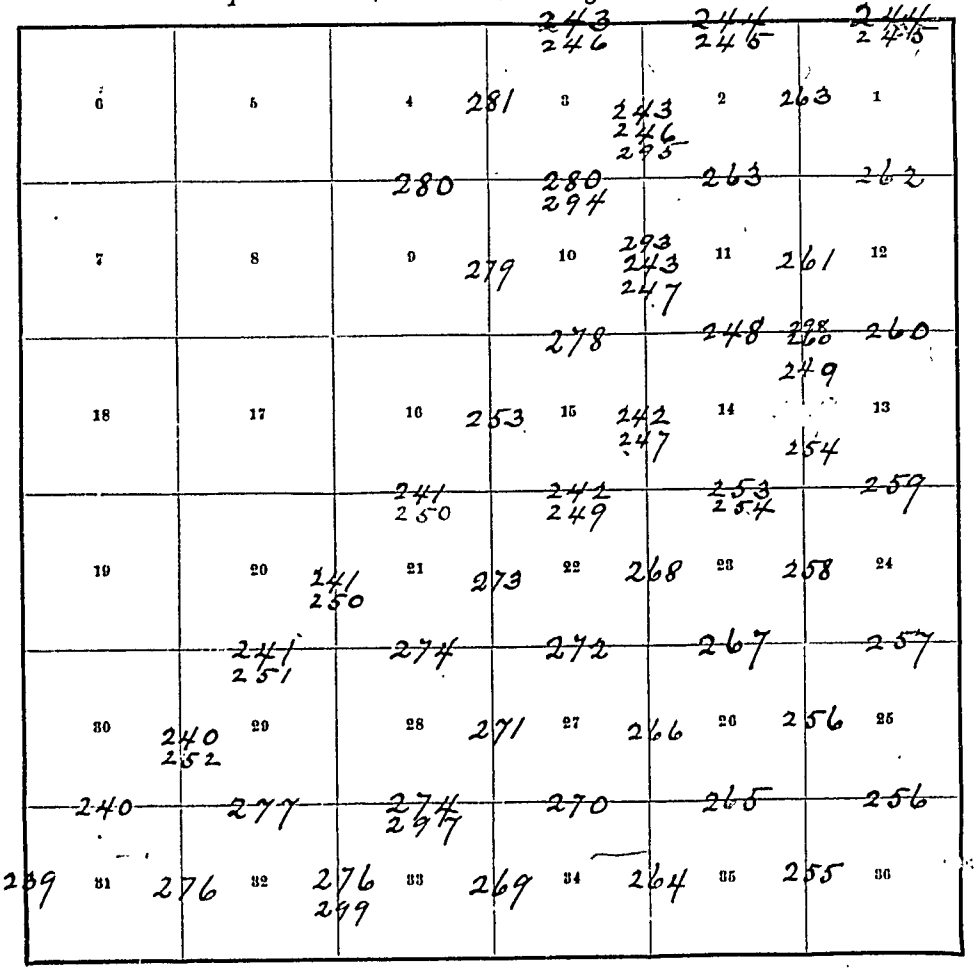
BOOK A-279

INDEX DIAGRAM.

Township 24 S., *Range* 29 W.



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_____, *Moundman.*

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_____, *Axman.*

_____, *Axman.*

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

_____

SEAL

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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

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SEAL

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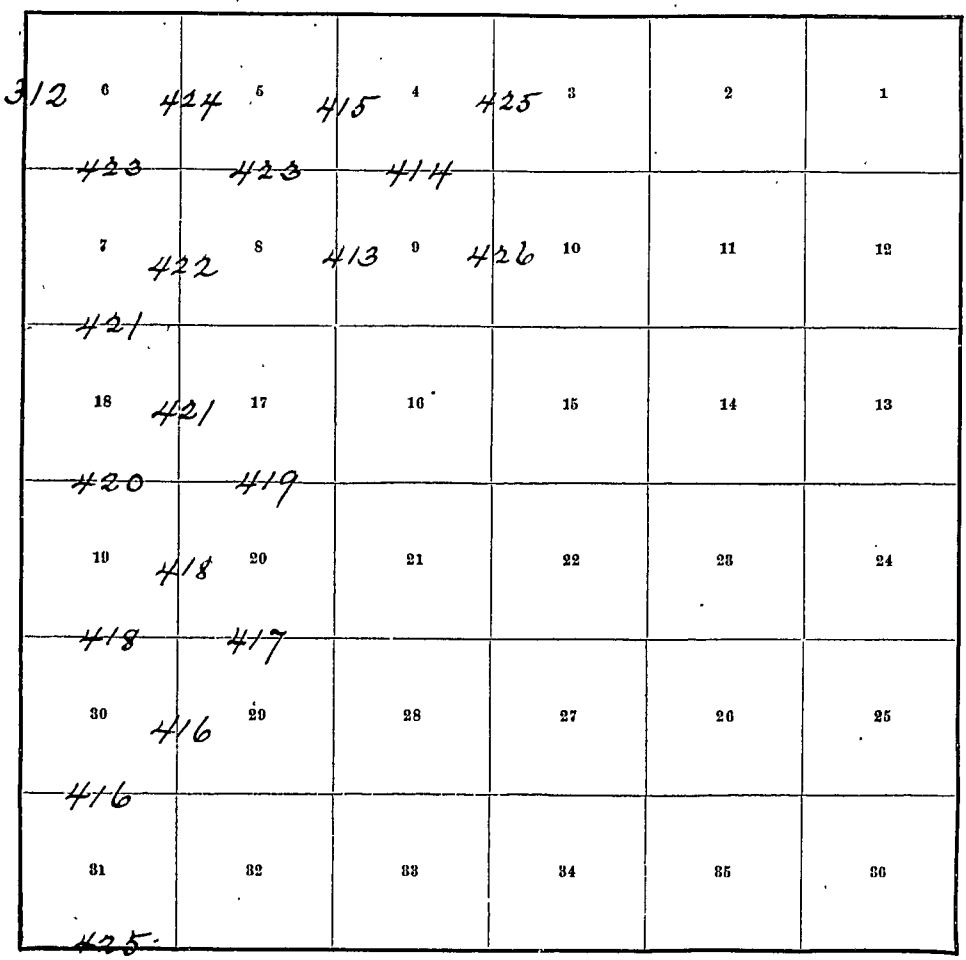
BOOK A-279

INDEX DIAGRAM.

Township 10 N., *Range* 3 E.



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..... , *Chainman.*

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

BOOK A-279

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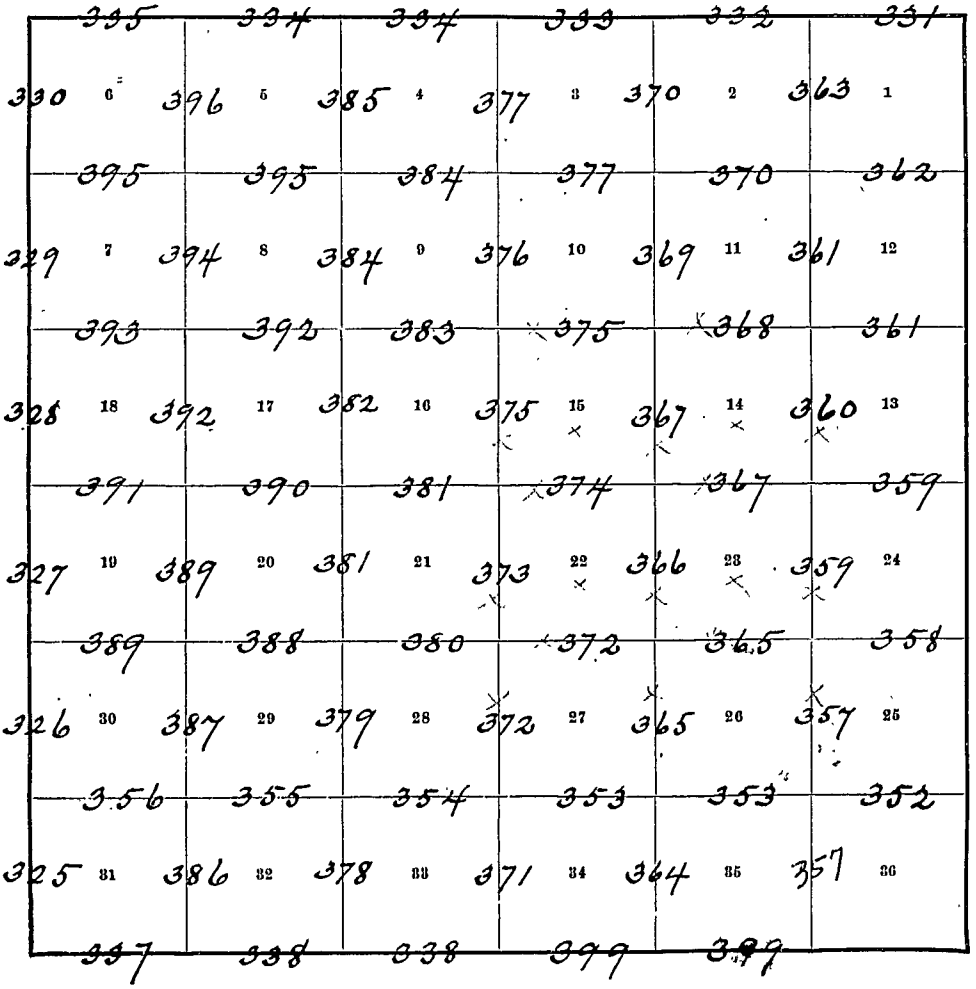
Township 11 N, *Range* 3 E.



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_____

_____, *Chainman.*

_____, *Chainman.*

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

_____

SEAL

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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

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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

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_____, *Flagman.*

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

_____

SEAL

_____

BOOK A-279

FIELD NOTES

OF THE SURVEY OF THE

S-O-U-T-H B-O-Y. T-P. 1 9 S. R. 6 W.

E-A-S-T B-O-Y. T-P. 1 9 S. R. 6 W.

OR

1ST. G-U-I-D-E M-E-R-I-D-I-A-N W-E-S-T

W-E-S-T B-O-Y, T-P. 1 9 S. R. 6 W.- 2 S-U-R-V-E-Y-S,

N-O-R-T-H B-O-Y. T-P. 1 9 S. R. 6 W.- 2 S-U-R-V-E-Y-S

A-N-D T-I-E

SUBDIVISION LINES OF TP. 19 S. R. C W.

Of the SALT LAKE BASE AND *Meridian,*

U-T-A-H

AS SURVEYED BY

Received with letter "E" "J.H.B." Jan. 14, 03 ~~*United States Deputy Surveyor,*~~

~~*Under his Contract No. , dated , 189-*~~

~~*Survey commenced , 189-*~~

~~*Survey completed , 189-*~~

NAMES AND DUTIES OF ASSISTANTS.

T. 19 & 20 S. R. 6 W

	West bet Secs. 1 & 36 on line bet T. 19 & 20 S. R 6 W
17.00	Leave sand ridges
40.00	Set ¼ Sec post in mound of earth and pits
80.00	Set post cor to Secs. 36. 35. 2 & 1 in mound of earth and pits.
	Land 3rd Rate
	West bet Secs. 2 & 35 on Correction line bet T 19 & 20 S. R. 6. W
40.00	Set ¼ Sec post in mound of earth and pits
80.00	Set cor to Secs. 35. 34. 3 & 2 in mound of earth with pits.
	Land 3rd Rate
	West bet Secs. 3 & 34
40.00	Set ¼ Sec post in mound of earth & pits
80.00	Set cor to Secs 34. 33. 4 & 3 in mound of earth with pits.
	Land 3rd Rate. Var 16°56'E
	Correction line in Fillmore Valley April 22nd 1857.
40.00	Set ¼ Sec cor in mound of earth and pits
80.00	Set post cor to Secs. 33.32. 5 & 4 in mound of earth and pits.
	Land 3rd Rate. Rocky.
	West bet Secs. 5 & 32.
40.00	Set ¼ Sec post in mound of earth with pits
80.00	Set post cor to Secs. 32. 31. 6 & 5 in mound of earth with pits.
	Land 3rd Rate.

T. 19 & 20 S. R. 6. W

	West bet Secs. 6 & 31
31.00	To Cedars
40.00	Set ¼ Sec post in mound of earth & pits
66.00	To foot of ascent to the Rocky Hills
80.00	Set post cor to Secs. 31. 36. 1 & 6 in mound of earth and pits.
	Land 3rd Rate. broken and interspersed with large Cedars
	x x x x x
	Guide Meridian North in Fillmore Valley.
	T. 19 S. R. 5 & 6.W.
	April 22nd 1857 From post on Correction line cor to T. 19 & 20 S. R. 5 & 6 West ran North on Guide Meridian, bet Secs. 31 & 36. Var.16° 30' E.
	Along side of Sand Ridge
2.40	Strike Sand Ridge
40.00	Set ¼ Sec post in mound of earth and pits
80.00	Set post cor to Secs. 30. 25. 36 & 31 in mound of earth and pits.
	Land Sandy 3rd Rate
	North bet Secs. 25. & 30
40.00	Set ¼ Sec post in mound of earth and pits & leave sand ridge
67.00	To Sand Ridge again
69.15	Leave " "
80.00	Set post cor to Secs. 19.24.25, & 30. in mound of earth with pits.
	Land. 3rd Rate
	Guide Meridian North in Fillmore Valley
	North bet Secs 19 & 24
10.00	To Sand Ridge

T 19 S. R 5 & 6 W

chs lks	
12.14	Cross Sand Ridge to meadows
30.00	To Sand Ridge
40.00	Set ¼ Sec post in mound of earth & pits and leave Sand Ridge
72.80	To Sand Ridge
76.00	Leave " "
80.00	Set post cor to Secs. 18. 13. 24 & 19. in mound of earth with pits.
	Land 2nd Rate. Hay meadows among the Sand Ridges
	North bet Secs. 13 & 18
13.00	To Sand Ridge
30.40	Leave " "
40.00	Set ¼ Sect. post in mound of earth & pits
60.00	To Sand Ridge
62.00	Cross to " "
80.00	Set post cor to Secs. 7.12.13 & 18 in mound of earth and pits.
	Land 2nd Rate
	North bet Secs. 7 & 12.
14.12	To Sand Ridge.
19.13	Cross " "
40.00	Set ¼ Sec post in mound of earth with pits
80.00	Set cor to Secs. 6.1.12 & 7, in mound of earth with pits
	Land, Rolling, Sandy covered with greasewood & Sage
	Guide meridian line in Fillmore Valley
	North bet Secs. 1 & 6.
25.30	To Sand hill
34.80	Cross " "
40.00	Set ¼ Sec post in mound of earth and pits
80.00	Set post cor to Secs. 31. 36. 1 & 6. and of T. 18 &

T. 19 S. R. 5 & 6 W.

	19 S R 5 & 6 W. in mound of earth and pits Land 2nd Rate. Sandy
	x x x x x T. 19 S. R., 6 W.
	West Boundary May 1st 1857. From post on correction line at the Cor of T 19 & 20 S. R 6 & 7 W. ran North bet Secs. 31 & 36. Var. 17° 04' E.
7.00	To Cedars
40.00	Set ¼ Sec post in mound of earth and pits
61.00	To eastern side of Low Mountains, along side of mountains.
80.00	Set post cor to Secs. 31. 36. 30. & 25 in mound of earth and pits. on eastern side of mountains. Land 3rd Rate.
	North bet Scs. 25 & 30
11.00	Leave Mts side
40.00	Set ¼ sec post in mound of earth and pits near foot of Mts.
80.00	Set post cor to Secs. 25. 30. 24. & 19. in mound of earth with pits. Land 3rd Rate
	North bet Secs 19 & 24.
40.00	Set ¼ Sec post in mound of earth and pits
48.00	To Cedars
73.00	Leave "
80.00	Set post cor to Secs. 19. 24. 18 & 13. in mound of earth and pits near Mts on West Land 3rd Rate
	West Boundary North bet. Secs. 13 & 18, descending along slope

T. 19 S. R. 6 W.

Chslks	
	from Mts.
31.00	To foot of descent
40.00	Set ¼ Sec post in mound of earth with pits
80.00	Set post cor to Secs. 13.18. 7 & 12, in mound of earth with pits.
	Land 3rd Rate
	North bet Secs. 7 & 12
38.00	Level flat
40.00	Set ¼ Sec post in Mound of earth and pits on flats
80.00	Set post cor to Secs. 7.12. 6 & 1. in mound of earth with pits on flat.
	Land 3rd Rate
	North bet Secs. 1 & 6
39.20	Leave flat
40.00	Set ¼ Sec post in mound of earth with pits
67.00	To flat
80.00	Set post cor.to T. 18 & 19. S.R. 6 & 7.W. in mound of earth on flat.
	Land 3rd Rate
	North Boundary
	From Cor to T. 18 & 19. S. R 6 & 7 W May 2nd 1857 ran east on Random line Var 17° 00' E.
	Six miles & 27 links to post on Guide Meridian at cor of T. 18 & 19. S. R 5 & 6. W. Thence West on True line bet Secs. 1 & 36.
40.00	Set ¼ Sec post in mound of earth with pits
80.00	Set post cor to Secs. 1.2.35 & 36. in mound of earth with pits.
	Land 3rd Rate
	West bet Secs 2 & 35.
40.00	Set ¼ Sec post in mound of earth with pits

T 19 S. R 6 W.

Chs lks	
80.00	Set post cor to Secs. 2. 3. 34 & 35 in mound of earth with pits.
	Land 3rd Rate
	West bet Secs. 3 & 34.
31.00	To flat
40.00	Set ¼ Sec post in mound of earth with pits
68.80	Leave flat
80.00	Set post cor to Secs. 3. 4. 33 & 34 in mound of earth with pits.
	Land 3rd Rate
	West bet Secs. 4 & 33
40.00	Set ¼ Sec post in mound of earth with pits
80.00	Set post cor to Secs. 4. 5. 32. & 33 in mound of earth and pits.
	Land 3rd Rate
	West bet Secs. 5 & 32
25.75	To foot of ascent to Rocky ridge
39.00	To Gunnison's trail to ascent of ridge
40.00	Set ¼ Sec post in mound of earth with pits
60.83	Across to edge of descent
62.40	To foot of descent from ridge.
80.00	Set post cor to Secs. 5. 6. 31 & 32. in mound of earth with pits.
	Land 3rd Rate
	West bet Secs. 6 & 31.
31.00	To low Rocky ridge
33.00	Cross the same
40.00	Set ¼ Sec post in mound of earth with pits
51.00	To flat
28.27	To Cor of T. 18 & 19 S. R. 6 & 7. W.
	Land Sandy. 3rd Rate

The foregoing is a true copy of field notes (Book No 3) returned to this Office by Chas. Mogo, Oct 10" 1859

S.C. Stambaugh,
Surveyor General U.T.

x x x x x

West Boundary.

Township 19 S. Range 6 W.

Chains	
	Begin at the corner to Townships 19 and 20 South, Ranges 6 and 7 West, from which corner I run North on true line between sections 31 and 36.
	Var. 16°,10'E.
5.00	Leave cedars bears E. and W.
40.00	Set post in mound for ¼ sec. cor.
80.00	Set post in mound for corner to sections 25.30.31 and 36.
	Bench land, soil sandy, 2d rate.
	North on true line between sections 25 and 30.
	Var. 16° 15' E.
40.00	Set post in mound for ¼ sec. cor.
45.00	Ravine bears E. and W.
48.15	Road bears N.W. and S.E.
80.00	Set post in mound for corner to sections 19. 24. 25 and 30.
	Land rolling, soil sandy, 2nd rate.
	North on true line between sections 19 and 24.
	Var. 16°15'E.
40.00	Set post in mound for ¼ sec. cor.
80.00	Set post in mound for corner to sections 13.18.19 and 24.
	Level soil sandy 2nd rate

West Boundary.

Township 19 S. Range 6 W.

Chains	
	North on true line between sections 13 and 18.
	Var. 16° 15'E.
40.00	Set post in mound for ¼ sec.cor.
80.00	Set post in mound for corner to sections 7.12.13 and 18.
	Level bench land, soil 1st rate.
	North on true line between sections 7 and 12.
	Var. 16°20'E.
40.00	Set post in mound for ¼ sec. cor.
41.00	Mud flat bears E. and W.
80.00	Set post in mound for corner to sections 1, 6, 7 and 12.
	Generally level, South ½ sandy soil;
	North half alkali and mud flat;
	Soil 2d rate.
	North on true line between sections 1 and 6.
	Var. 16°.20'E.
40.00	Set post in mound for ¼ sec. cor.
79.75	Old road from Fillmore to Deseret bears N.W. and S.E.
80.00	Set post in mound for corner to Townships 18 and 19 S. Ranges 6 and 7 W.
	Level mud flat, considerable alkali,
	soil 2d rate.

North Boundary.

Township 19 S. Range 6 W.

Chains	
	From the corner to Townships 18 and 19 South, Ranges 6 and 7 West, I run East on a random line on the south boundaries of sections 31. 32. 33. 34. 35 and 36.
	Var. 16° 15' E
	I set temporary half mile and mile posts at every 40 and 80 chains and at 6 miles 3 chains and 10 links to a point 2 chains and 90 links South of the corner to Townships 18 and 19 South, Ranges 5 and 6 West.
	Therefore the correction will be 3 chs. and 10 links West, and 48 2/6 links North per mile.
	I find the corner post standing to wit: "A post in mound."
	S. 89°. 39' W. on true line between sections 1 and 36.
	Var. 16° 10' E.
40.00	Set post in mound for ¼ sec. cor.
80.00	Set post in mound for corner to sections 1. 2. 35 and 36.
	Land level, soil sandy, 2d rate.
	S. 89° 39' W. on true line between sections 2 and 35.
	Var. 16° 10' E.
40.00	Set lava stone 16x8x5 for ¼ sec.cor.
80.00	Set lava stone 18x9x5 for corner to sections 2.3. 34 and 35.
	Gently rolling lava ridges, soil 2d rate.
	S. 89° 39' W. on true line between sections 3 and 34.
	Var.16°10'E.

North Boundary.

Township 19 S. Range 6 W.

Chains.	
40.00	Set lava stone 18x12x4 for ¼ sec. cor.
80.00	Set post in mound for corner to sections 3.4.33 and 34.
	Gently rolling sand and lava ridges. soil 2d rate.
	S. 89° 39' W. on true line between sections 4 and 33. Var.16°,10'E.
40.00	Set lava stone 24x9x4 for ¼ sec. cor.
80.00	Set post in mound for corner to sections 4,5,32 and 33.
	Rolling sand and lava ridges, soil 2d rate.
	S. 89°,39' W. on true line between sections 5 and 32. Var. 16° 10'E.
	Mud flat bears N. and S.
40.00	Set post in mound for ¼ sec. cor.
80.00	Set post in mound for corner to sections 5,6,31 and 32.
	East part rolling lava ridges, soil rocky. West part mud flat, soil 2d rate.
	S. 89°,39' W. on true line between sections 6 and 31 Var. 16°,10'E.
40.00	Set post in mound for ¼ sec. cor.
63.00	Road from Deseret bears N.W. and S.E.
83.10	The corner to Townships 18 and 19 S. Ranges 6 and 7 W.
	Level mud flat, soil 2d rate. May 9,1871.

North Boundary.

Township 19 S. Range 6 W.

General Description.

The Northern portion of this Township is totally unfit for agricultural purposes. The soil is rocky, and contains a large amount of alkali. Near the center there is a volcanic mountain probably 500 feet high. The soil is very sandy and is also unfit for cultivation.

Therefore it should not be subdivided.

U. S. Surveyor General's Office,
Salt Lake City, Utah.
February 15, 1872.

I certify that the foregoing transcript of the field notes of the survey of the West and North Boundaries of Township nineteen south, Range six west of the Salt Lake Meridian in the Territory of Utah, has been correctly copied from the original notes on file in this office.

C. C. Clements,
Surveyor General.

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PAGE

Field Notes, BOOK A-279

of the

Subdivision of T. 19 S. Range 6 W.

Salt Lake Meridian

	T. 19. S. Range 6 W. May 7th 1857.
	Began at Post established at South boundary of Township betn Sec. 35. & 36. I ran north betn Sec. 35 & 36
	Var. 16°,56'East
40.00	Made mound of earth & pits for ¼ Sec. Cor.
80.00	Made mound of earth & pits for Cor. Sec. to sec. 25. 26. 35 & 36
	Land 3rd rate.
	East on a Random line, betn Sec. 36 & 25.
40.00	Set temporary post for ¼ Sec. Cor.
52.00	To a land ridge.
80.17	Closed on Cor. to sections 36 & 25 on East boundary of Townp line.
	Thence West on a true line betn Sec. 36 & 25.
40.08	made mound of earth & pits for ¼ Sec. Cor.
80.17	Cor. to Sec. 25. 26. 35 & 36.
	Land 3rd Rate.
	North betn Secs. 25 & 26
	Var. 16° 56'
40.00	made mound of earth & pits for ¼ Sec. Cor.
80.00	Set post Cor. to Secs. 24. 23. 26. & 25. in mound of earth & pits
	Land 3rd rate.
	East on a Random line, betn Secs. 24 & 25.
	Var. 17.00'E.
4.00	To sand ridge
40.00	Made temporary mounds for ¼ sec. Cor.
80.20	Closed on Cor. to sec. 24 & 25 on East boundary of Townp. and across sand ridge

	Thence West on a true line betn Sec. 24 & 25
40.10	Made a mound of earth & pits for ¼ Sec. Cor. amongst sand hills.
80.20	Cor. to Secs. 24. 23 & 26 & 25.
	Land 3rd Rate
	North betn Sec. 23 & 24.
	Var. 16° 56'
24.60	To Sand Ridge
27.00	Cross the same
40.00	Made mound of earth & pits for ¼ Sec. Cor.
80.00	Set posts Cor. to Sections 13. 14. 23. & 24 in mounds of earth & pits
	Land 3rd rate.
	East on a Random line betn Sec. 13 & 14.
00.60	To Sand Ridge
2.40	Cross the same.
18.90	To another sand ridge.
21.15	Cross the same
40.00	Made temporary mound for ¼ Sec. Cor.
69.65	To Sand Ridge
71.40	Cross Sand Ridge
79.90	Closed on Cor. to Sec. 13 & 24 on E. Boundary of Townp thence West on a true line betn Sec. 13 & 24
39.95	Made mound of earth & pits for ¼ Sec. Cor.
79.90	Cor to Secs. 13, 14, 23, & 24
	Land 3rd Rate
	North betn Secs 13 & 14.
8.00	To a Sand Ridge
9.40	Cross the same
40.00	Made mounds of earth & pits for ¼ sec Cor.
58 60	To a sand ridge

60.05	Cross the same
80.00	Set post Cor. to Secs. 12.11. 14 & 13. in mds of earth & pits
	Land 3rd Rate.

East betn Sec. 12 & 13 on a Random Line.

Var. 17° 02'

8.20	To a Sand Ridge
9.10	Cross the same
40.00	Made temporary mound for ¼ Sec. Cor.
79.88	To Cor of sects. 12 & 13 on East Boundary of Townp.
	Thence West betn Sec. 12 & 13.
39.94	Made mound of earth & pits for ¼ Sec. Cor.
79.88	Cor. to Secs. 12. 11. 14 & 13.
	Land 3rd Rate

North betn Secs. 11 & 12.

Var. 17°00 East

40.00	Made mounds of earth & pit for ¼ Sec Cor.
80.00	Set post Cor. to Secs. 1. 2 11. & 12 on mound of earth & pits.
	Land 3rd Rate

East on a Random line bet Secs 1 & 12

Var 16° 56' E.

23.70	To Sand Ridge
30.00	Cross the same
40.00	Made temporary mound for ¼ Sec. Cor.

80.11 Closed on Cor. to Secs. 1 & 12 on East Boundary of Township, thence West on a true line bet Secs.1 & 12.

40.05 Made mounds of earth & Pits for ¼ Sec Cor.

80.11 Cor. to Sec. 1. 2 11 & 12.

North bet Secs. 1 & 2. Var. 17° 00 E

40.00 Made Mound of Ea & Pits for ¼ Sec. Cor.

80.36 Made mds. of Earth & pits for Cor to Secs 1 & 2 on N. Boundary of Township line -

Land 3rd Rate -

May 8th 1857 -.

From Cor to Secs 34 & 35 on boundary of Township Run North betn Sec. 34 & 35. Var.16°56'East.

40.00 Made mounds of Earth & pits for ¼ Sec. Cor.

80.00 Set Cor. post to secs 26 27 34 & 35 in mounds of E. & pits.

Land 3rd Rate.

East on a Random line bet Secs. 26 & 35-Var.16° 56'East.

40.00 Made temporary mound of Earth & pits for ¼ Sec Cor.

80.14 Closed on Cor. to Secs 25. 26. 35 & 36. Thence West on a true line bet Secs. 26 & 35 var.

40.07 Made mound of Earth & pits for ¼ Sec Cor.

80.14 Cor. to Sec 26. 27. 34 & 35

Land 3rd Rate.

North bet^{n} Secs. 26 & 27

var.16°58'East.

40.00 Made mounds of earth & pits for ¼ Sec. Cor.

80.00 Set Cor. to sec 23 & 22 27 & 26 in mound of E. & pits.

Land 3rd Rate

East on a Random line

bet^{n} Sec. 23 & 26 --- var. 16°56' East.

40.00 Made temporary mound for ¼ Sec. Cor.

80.00 Closed on Cor. to Sec. 24 & 23 26 & 25 thence

West on a true line bet^{n} Secs 23 & 26.

40.01 Made mound Earth & pits for ¼ Sec Cor.

80.02 Cor. to Sec. 23. 22. 27 & 26.

Land 3rd Rate

North

bet^{n} Secs 10 & 11 Var.17°00 East.

40.00 Made mound of Earth & pits for ¼ Sec. Cor.

80.00 Set Cor. post to Sec. 2.3. 10 & 11 in mound of E. & pits.

Land 3rd Rate.

East on a Random line

between Sections 2 & 11. Var.16°56 East

79.95 Closed on Cor. Sec. 2 & 11 on East boundary of Township. thence West on a true line bet^{n} Sec 2 & 11

39.98 Made mound of Earth & pits for ¼ Sec. Cor.

79.95 Cor. to Sections 2,3 10 & 11

Land 3 Rate

North bet^{n} Secs. 2 & 3. Var.16°56'East

40.00 Made mounds of Earth & pits for ¼ Sec cor.

80.20 Closed on Cor. to Sec. 2 & 3 on North boundary of Township

Land 3rd Rate.

May 9th 1857

From Cor to Sec 34 & 33 on South boundary of Township R North betn Sec. 34 & 33. var.16°56'East

40.00 Made mound of Earth & pit for ¼ sec. Cor.

80.00 Set cor. post to Secs. 27. 28. 33 & 34 in mound of E. & pits

Land 3rd Rate

East on a Random line betn Secs 27 & 34.

Var.16°56'East

40.00 Made temporary mound for ¼ Sec. Cor.

80.06 Closed on Cor. to Secs. 26 27 & 34 & 35. thence

West on a true line betn Secs 27 & 34

40.03 Made mound of Earth & pits for ¼ Sec.Cor.

80.06 Cor. to Sec. 27. 28 33 & 34

Land 3rd Rate

North betn Secs 27 & 28

Var.16°56' East

40.00 Made mound of Earth & pits for ¼ Sec Cor.

80.00 Set cor. post to Secs. 22, 21. 28 & 27 in mound of E. & pits

Land 2nd Rate.

East on a Random Line

betn Secs 22 & 27 var.16°56 E.

40.00 Made temporary mound for ¼ Sec Cor.

80.09 Closed on Cor. to Secs. 23.22. 27 & 26 Thence

West on a true line betn Secs 22 & 27

40.04 made mound of Earth & pits for ¼ Sec. Cor.

80.09 Cor. to Sec. 22 21 28 & 27

Land 2ndRate

	North bet^{n} Sec. 22 & 21 -- var. 16°56'Each.
40.00	made mound of E. & pits for ¼ Sec Cor.
80.00	Set cor. post to Sec. 15, 16 21 & 22 in mound of E & pits
	Land 2nd Rate
	East on a Random line bet^{n} Sec. 15 & 22
	Var. 16°56' East.
40.00	Made temporary mound for ¼ Sec Cor
80.04	Closed on Cor. to Sec. 14 15 22 & 23 thence
	West on a true line bet^{n} Sec. 15 & 22.
40.02	made mound of E. & pits for ¼ Sec. corner.
80.04	Cor. to Sec. 15 16 21 & 22.
	Land 2nd Rate-
	North bet^{n} Secs 15 & 16
40.00	made mound of E & pits for ¼ sec Cor. at foot of sand ridge
45 20	Cross sand ridge
60 00	To sand ridge
65 40	Cross Ridge
80.00	made mound of E & pits for Cor. to sec. 10,9 16 & 15
	Land 3rd Rate
	East on a Random line
	between sections 10 & 15 ----- var.17°00 East
40.00	made temporary mounds for ¼ sec Cor
80.10	Closed on Cor. to Sec. 11,10,15 & 14 Thence
	West on a true line bet^{n} Sec. 10 & 15
40.05	made mound of Earth & pits for ¼ Sec. Cor.
80 10	Cor. to sec. 10, 9 16 & 15
	Land 3rd Rate
	North bet^{n} Sec. 9 & 10 - var.16°56' East

40.00	made mound of Earth & pits for ¼ Sec. Cor.
80.00	set cor. post to Sec. 3, 4 9 & 10 in mound of Earth & pits
	Land 3rd Rate -
	East on a random line betn Sec. 3 & 10
	Var. 16°56' East.
40.00	made temporary mound of earth for ¼ Sec. Cor.
79.90	Closed on Cor. to Sec. 2, 3, 10 & 11 Thence
	West on a true line betn Sec 3 & 10.
39.95	made mound of Earth & pits for ¼ sec. Cor.
79 90	Cor. to Sec. 3.4 9 & 10
	Land 3rd Rate.
	North betn Sec. 3 & 4 var. 16°56'East
40.00	made mound of E. & pits for ¼ Sec Cor.
80.15	Closed on Cor. to sec. 3 & 4 on north boundary of Township
	Land 3rd Rate.
	May 11th 1857.
	From post at Cor. of Secs 32 & 33 on South Boundary of TownsP Range North betn Secs 32 & 33.
25.00	To Cedars
34.00	Leave Cedars
40.00	Made mound of E & pits for ¼ Sec Cor.
80.00	Set Cor. post to Secs. 28. 29 32 & 33 in mound of E. & pit
	Land 1st Rate
	East on a Random line betn Secs 28 & 33.
	Var. 16°56' East
80.09	Closed on Cor. to Sec. 27, 28 33 & 34 thence
	West on a true line betn Sec. 28 & 33.

40.04	Cor. to Sections 28, 29, 32 & 33.
	Land 1st Rate.
	North bet^{n} Secs 28 & 29
	Var. 16° 56' East.
40.00	Made mounds of Earth & pits for ¼ Sec. Cor.
80.00	Set Cor. post to Sec. 21. 20 29 & 28 in mound of E & pits
	Land 1st Rate.
	East on a Random line bet^{n} Secs 21 & 28.
	Var. 16° 56' East.
40.00	Made temporary mound for ¼ Sec. Cor.
80 14	Closed on Cor. to Secs 22. 21 28 & 27 thence
	West on a true line bet^{n} Secs. 21 & 28
40.07	Made mound of Earth & pits for ¼ Sec. Cor.
80.14	Cor. to Secs. 21. 20, 29 & 28
	Land 1st Rate.
	North bet^{n} Secs 21 & 20
	Var. 16° 58' East
40.00	Made mound of E & pits for ¼ Sec. Cor.
80.00	Set Cor. post to Secs 16.17. 20 & 21 in mound of E. & pits
	Land 1st Rate.
	East on a Random line bet^{n} Secs 16 & 21.
40.00	Made mound temporary for ¼ Sec. Corner.
80.10	Closed on Cor. to Secs. 15. 16. 21 & 22. thence
	West on a true line bet^{n} Secs. 16 & 21
40.05	Made mound of E & pits for ¼ Sec Cor.
80 10	Cor. to Sec. 16.17 20 & 21
	Land 1st Rate.
	North bet^{n} Secs 16. 17 Var. 16° East

40.00	Made mound of E & pits for ¼ Sec.Cor.
80.00	Set Cor post to Secs 9.8. 17 & 16 in mound of E & pits
	Land 2nd Rate.
	East on a Random line betn Secs 9 & 16.
11.50	To foot of descent
56.30	" Sand Ridge
57 40	Cross the same
79.86	Closed on Cor to Secs. 10,9, 16 & 15 thence
	West on a true line betn Secs 9 & 16.
39.93	Made mound of E & pits for ¼ Secs. Corner.
79.86	Cor to Sec. 9, 8 17 & 16.
	Land 2nd Rate.
	North betn Secs. 8 & 9
6.60	To edge of descent
31.80	To foot of descent
40.00	Made mound of E. & pits for ¼ Sec. Cor.
80.00	Cor. to Secs. 4, 5 8 & 9 in mound of Earth & pits
	Land 3rd Rate.
	East on a Random line betn Secs 4 & 9.
79.91	Closed on Cor. to Secs. 3.4 9 & 10. thence
	West on a true line betn Secs 4 & 9
39.95	Made mound of Earth & pits for ¼ Sec Cor.
79.91	Cor. to Sec. 4.5. 8 & 9
	Land 3 Rate.
	North betn Secs 4 & 5
40.00	Made mound of Earth & pits for ¼ Sec. Cor.
80.20	Cor. to Sec. 4 & 5 on North Boundary of Townp
	Land 3 Rate.

May 12th

From Cor. to Secs. 31 & 32 on South boundary of Townp Run North Betn Sec. 31 & 32 - Var. 17°04 East.

13.00 To Cedars

40.00 Made mound of Earth & pits for ¼ Sec Cor.

80.00 Set cor. post to Secs. 31 & 32 29 & 30 in mound of E. & pits

Land 3rd Rate -

East on a Random line betn Secs 29 & 32

44.00 Leave Cedars

80.19 Cor. to Secs. 28. 29. 32 & 33 thence West on a true line betn Secs 29 & 32

40.09 Made mound of E. & pits for ¼ Sec. Cor. amongst Cedars

80.19 Cor. to Secs. 31.32 29 & 30.

Land 3rd Rate.

West on a random line betn Secs. 30 & 31

var. 17°04'East.

71.00 To foot of descent of spur of mountains

80.87 Closed on Cor. to Secs. 30 & 31 on West boundary of Township thence East on a true line betn Secs. 30 & 31

40.39 Made mound of E. & pits for ¼ Sec. Cor.

80.87 Cor. to Secs. 29. 30 31 & 32.

Land 3rd Rate.

North betn Secs 29 & 30 - var. 16°58'East.

33.00 Leave Cedars

40.00 Made mound of Earth & pits for ¼ Sec Cor.

80.00 Set post Cor. to Secs 20. 19. 30 & 29, in mound of E. & pits

Land 3rd Rate.

East on a Random line bet^{n} Secs 20 & 29

Land descends from Corner.

34.00 To foot of descent

79.84 Closed on Cor. to Secs. 21, 20 29 & 28 thence

West on a true line bet^{n} Secs 20 & 29 var.

39.92 Made mound of Earth & pits for ¼ Sec. Cor

79.84 Cor. to Secs. 29. 19 30 & 29

Land 2nd Rate.

West on a Random line bet^{n} Secs. 19 & 30, var. 17° 04' East

7.00 Foot of ascent of bench

20.00 To top of bench

40.00 Made temporary mound for ¼ Sec. Cor.

80.30 Closed on Cor. Secs. 19 & 30 on West boundary of Townp thence East on a true Line bet^{n} Secs. 19 & 30

40.15 Made mound of Earth & pits for ¼ Sec Cor.

80.30 Cor. to Secs. 20. 19. 30 & 29 -

Land 3 Rate

7.50 To foot of ascent of bench

10.70 " Top of ascent of bench.

40.00 Made mound of Earth & pits for ¼ Sec. Cor.

80.00 Set Cor. post to Sec. 17. 18. 19 & 20 in mound of Earth & pits

Land 3rd Rate.

East on a Random line bet^{n} Secs. 17 & 20 var.

8.20 To edge of descent

13.60 " foot of "

79.82 Closed on Cor. to Secs. 16. 17 20 & 21 thence

West on a true line bet secs 17 & 20

39.91 Made mound of Earth & pits for ¼ Sec. Cor.

79.92 Cor. to Secs 17. 18 19 & 20

Land 3rd Rate.

West on a Random line betn Secs. 18 & 19

79.84 Closed on Cor. to Secs. 18 & 19 on West boundary of Townp. thence East on a true line betn Secs. 18 & 19.

39.92 Made mound of Earth & pits for ¼ Sec. Cor.

79.84 Cor. to Secs. 17. 18. 19 & 20.

Land 3rd Rate.

May 13th 1857.

From post betn Secs. 17. 18. 19 & 20. Ran North betn Sec. 17 & 18.

40.00 Made mound of Earth & pits for ¼ Sec. Cor.

68.00 To edge of descent.

73.00 " foot " "

80.00 Made mound of Earth & pits for Cor. to Secs. 8. 7 18 & 17.

Land 3rd Rate

East on a Random line betn Secs. 8 & 17.

75.00 To foot of a steep rocky hill

79.00 " top of ascent of hill

80.20 Closed on Cor. to Secs. 9. 8. 17 & 16 thence West on a true line betn Secs 8 & 17

40.10 Made mound of Earth & pits for ¼ Sec. Cor.

80.20 Cor. to Sec 8. 7 18 & 17

Land 3 Rate

West on a Random line betn Secs 7 & 18

79.46 Closed on Cor. to Sec. 7 & 18 on West boundary of Township, thence

East on a true line betn Secs 7 & 18.

39.73 Made mound of Earth & pits for ¼ Secs & Cor.

79.46	Cor. to Sec. 8.7. 18 & 17.
	Land 3rd Rate.

North betn Secs. 7 & 8. Var.17°04'East

40.00	Made mound of Earth & pits for ¼ Sec. Cor.
80.00	Set Cor. post to Secs. 5. 6. 7 & 8. in mound of E. & pits

---

East on a Random line betn Secs. 5 & 8. var.16°58' East.

80.32	Closed on Cor. to Secs. 4. 5 8 & 9. thence
	West on a true line betn Sec. 5 & 8.
40.16	Made mound of Earth & pits for ¼ Sec. Cor.
80.32	Cor. to Sec. 5. 6 7 & 8.
	Land 3 Rate.

West on a Random line betn Sec. 6 & 7. var.16°58'East.

58.70	To a Salaratus Flat.
79 12	Closed on Cor. to Sec. 6 & 7 on the West boundary of Township, thence East on a true line betn Sec. 6 & 7
39.56	Made mound of Earth & pits for ¼ Sec. Cor.
79.12	Corner to Secs 5. 6. 7 & 8.
	Land 3 Rate.

North betn Secs 5 & 6.

Var. 17° 04'East.

40.00	Made mound of Earth & pits for ¼ Sec. Cor.
80.12	Closed on Corner to Sec. 5 & 6, on North boundary of Townp.
	Land 3rd Rate.

Description.

The land in this Township is moderately good. The grass on it is good, but there is no water.

The foregoing is a true copy of field notes (Book 21) returned to this office by Chas. Mogo, Oct. 10th 1859.

S. C. Stambaugh,

Surveyor General, U.T.

Department of the Interior
General Land Office
January 14, 1903.

I hereby certify that the foregoing field notes have been correctly copied from the official field notes on file in this office.

W. A. Richards

Assistant Commissioner.

J. H. B.

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BOOK A-279

45

FIELD NOTES

OF THE SURVEY OF

The West Boundary of Township No. 25 South Range No. 1 West.

Of the Salt Lake Base and Meridian,

In the State of Utah.

AS SURVEYED BY

Hubert D. Page and George C. Swan, United States Deputy Surveyors

Under ~~his~~ their Contract No. 209, dated December 26th, 1896.

Survey commenced June 1st, 1897.

Survey completed 2, 1897.

(1319—2,500.)

W. Bdry. high m. chs. lks. 1-79-05

Retrieved S. L. M. Contgt. 1-04-32

Names and Duties of Assistants.

James M. Lentz	Chainman
James Holdaway	Chainman
Douglas A. Swan Jr.	Chainman
Owen A. Smart Jr.	Chainman
James M. Lentz	Moundman
James Holdaway	Moundman
Samuel Meacham	Axman
Charles A. Cramer	Flagman
Charles A. Cramer	Axman

BOOK A-279

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, James M. Lentz, James Holdaway, Douglas Swan Jr. & Owen A. Smoot and do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins either by sticking or dropping the same; that we will report the true distance 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 W. boundary of T. 25 S. R. 1 W.; N. & W. bdys. T. 25 S. R. 2 W.; E. bdy. T. 25 S. R. 3 W.; S. & E. bdy. T. 24 S. R. 2 W.; N. bdy. T. 23 & 24 S. R. 1 W. & the N. & E. bdys. of Ts. 28 & 29 S.; R. 6 W. of the Salt Lake Base & Meridian, Utah

James M. Lentz — James Holdaway, Chainman.

Douglas Swan Jr. — Owen A. Smoot, Chainman.

Subscribed and sworn to before me this 31st day of May, 1897.

George D. Swan
U.S. Deputy Surveyor

SEAL

We, James M. Lentz and James Holdaway 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 the W. bdy. T. 25 S., R. 1 W.; N. & W. bdy. T. 25 S. R. 2 W.; E. bdy. T. 25 S., R. 3 W.; S. & E. bdy. T. 24 S., R. 2 W. N. bdy T. 23 & 24 S. R. 1 W. N. & E. bdys of Ts. 28 & 29 S, R. 6 W. of the Salt Lake Base & Meridian, Utah

James M. Lentz, Moundman.

James Holdaway, Moundman.

Subscribed and sworn to before me this 31st day of May, 1897.

George D. Swan
U.S. Deputy Surveyor

SEAL

We, Samuel Markham and Charles A. Cramer 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 W. bdy of T. 25 S., R. 1 W.; N. & W. bdy. T. 25 S., R. 2 W.; E. bdy. T. 25 S. R. 3 W.; S. & E. bdy. T. 24 S. R. 2 W.; N. bdy. T. 23 & 24 S., R. 1 W. & N. & E. bdys of Ts. 28 & 29 S., R. 6 W. of the Salt Lake Base & Meridian, Utah

Samuel Markham, Axman.

Charles A. Cramer, Axman.

Subscribed and sworn to before me this 31st day of May, 1897.

George D. Swan
U.S. Deputy Surveyor

SEAL

I, Charles A. Cramer, 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 W. bdy of T. 25 S. R. 1 W.; N. & W. bdy. T. 25 S.; R. 2 W.; E. bdy. T. 25 S.; R. 3 W.; S. & E. bdy. T. 24 S. R. 2 W.; N. bdy. T. 23 & 24 S., R. 1 W. & N. & E. bdy. of Ts. 28 & 29 S., R. 6 W. of the Salt Lake Base & Meridian, Utah

Charles A. Cramer, Flagman.

Subscribed and sworn to before me this 31st day of May, 1897.

George D. Swan
U.S. Deputy Surveyor

SEAL

West boundary of T. 25 S., R. 1 W.

Survey Commenced June 1st 1897 and executed with a W. & L. E. Gurley transit Number with Saegmuller solar attachment. The horizontal limb is provided with one vernier, reading to single minutes of arc, which is also the least count of the vernier of the vertical arc.

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 26th 1897.

We examine the adjustments of the transit and find them correct; 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;

June 1st; At the Standard Cor. of T. 25 S., Rs. 1 and 2 W. Lat. 38°36' N., long. 112°00 W. at 5 h. 2 m. P. M., L.M.T. We set off 38°36' N on Lat. arc; 22°13' N. on Decl. arc; and determine with the solar a true meridian; and mark a point thereof on a stone set firmly in the ground 5 chs. N. of the cor.

June 1st 1897.

June 2nd. at 2 h. 40 m. A.M., L.M.T., We observe Polaris at eastern elongation in accordance with Manual of instructions, and mark a point on the line thus determined on a plug driven in the ground 5 chains N. of the cor.

West boundary of T. 25 S., R. 1 W. - Continued.

June 2nd 6 h. 0 m. a. m., l. m. t., We lay off the azimuth of Polaris 1° 35' to the West and mark the True Meridian thus determined by cutting a small groove in the stone set June 1st, on which the true Meridian falls on the mark determined by the solar.

At 7 h. 0 m. a. m., l. m. t., We set off 38° 36' on lat. arc; 22° 8' N. on decl. arc; and determine a true Meridian with the solar, which falls on the mark determined by the Polaris observation.

The solar apparatus, by p. m. and a. m. observations defines the position for true meridian the same as the true meridian established by the Polaris observation; therefore, We conclude the adjustments of the instrument are correct.

From numerous observations taken We find the magnetic needle to be totally unreliable and from other indications conclude the country contains large quantities of iron ore.

We begin at the Standard Cor. of T. 25 S., Rs. 1 and 2 W., Which is a trachyte stone 10 x 16 x 12 ins. above ground. Marked as described by the Surveyor General.

Thence We run

N. on a random line bet. Secs. 31 and 36

40.00 Set temp. 1/4 sec. cor.

80.00 Set temp. cor. for secs. 25, 30, 31 and 36.

120.00 Set temp. 1/4 sec. cor.

159.05 Intersect E. and W. line 92 lks. E. of the Cor. of secs. 19, 24, 25 and 30. Which is

chains.	
	a trachyte stone. 8 x 13 x 10 ins. above the ground., marked as described by the Surveyor General, an old land mill site is near this cor. and much timber is cut away. Witness tree has been obliterated. We rebuild the mound of stone 3 ft. base, 2 ft. high, W. of cor.
	Thence West
	S. 0° 20' E. on a true line bet. secs. 25 and 30. ascending through heavy pine timber.
36.00	Enter level flat.
39.05	Set a trachyte stone 14 x 10 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, raised a mound of stone 3 ft. base, 2 ft. high W. of cor. Pits impracticable. Bears pine 8 ins. in diam. bears W. 6 lks dist. Marked 1/4 S. 25 T.
55.90	Bottom of slope, begin ascending through scattering aspen.
67.10	Top of Mountain. bears N. W. and S. E.
70.90	Begin descending along W. slope of mountain. over rocky soil.
79.05	Set a trachyte 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 the N. and 1 notch on the S. edges. raised a mound of stone 3 ft. base, 2 ft. high W. of cor. Pits impracticable. From which an aspen 6 ins. in diam. bears W. 8 lks. dist. Marked T-25 S. R. 2 W. S. 25. on N 536 on S. B. T.
	An aspen 8 ins. in diam. bears E. 9 lks. dist. Marked T-25-S., R. 1 W. S. 31 on S and 30 on N. B. T.
	Land, mountainous.
	Soil, loam 3rd stone 2nd and 4th rate
	Timber, heavy pine and aspen.
	Mountainous land and heavily timbered 79.05 chs.

West boundary of T. 25 S. R. 1 W. Concluded.

Chains	
	S. 0°30' E. on a true line bet. secs. 31 & 36.
	Ascending through pine and aspen timber.
9.50	Top of ridge bears E. and W. leave pine timber.
10.00	Begin descending.
27.00	Blackyte ledges, bears E. and W.
30.00	Bottom of ravine, 200 ft. deep, course W.
40.00	Set a blackyte stone 16 x 10 x 8 ins. 11 ins. in the ground. for 1/4 sec. cor. Marked 1/4 on W. face. raised a mound of stone 2 ft. base 2 ft. high. W. of cor. Pits impracticable. From which an aspen 6 ins. in diam. bears E. 16 lks. dist. marked 1/4 S.B.T. a pine 10 ins. in diam bears W. 5 lks. dist. Marked 1/4 S.B.T.
	Enter pine and fallen timber bearing N. 88° E.
56.00	Bottom of ravine 40 ft. deep, course W. begin steep ascent.
63.00	Top of ridge 280 ft. high, bears W. along nearly level rocky ridge on top of mountain.
80.00	The Standard cor. of T. 25 S. R. 1 and 2 W. on the 5th Standard parallel South.

June 2nd. At this cor. We set off 22° 18' N. on decl. arc; and at 11 h. 58 m. a. m., l. m. t. observe the sun on the Meridian; the resulting lat. is 38° 36' N.

Land, mountainous.

Soil, rocky loam 3rd rate.

Timber, heavy pine and aspen.

Mountainous land. 80.00 chs.

June 2nd 1897.

Retracement of E. bdy. of T. 25 S., R 1 W.

For retracement of W. bdy. see Subdivisions.

Exterior boundaries of this Tp. do not close within limits.

Therefore We retrace as follows.

June 4th 97 at 4 p. m. l. m. t. We set off 38°41' N on lat. arc; 22°34' on decl arc; and determine a true meridian with the Solar. at the cor. of T. 24 and 25 S. Rs. 1 E and 1 W.

Thence We run

South on a random line bet secs 1 & 6

40.00 after dilligent search no old 1/4 sec. cor. can be found.

84.20 We find the cor. of secs. 1. 6, 7 and 12 E. 4.61 chs. Which is a trachyte stone 8 x 9 x 7 ins above ground marked with one notch on N and 5 on the S. edges. mound of stone.

The course of this line is therefore S 3°08' E. dist 84.32 chs.

This brings the closing error within limits, therefore we discontinue retracement.

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Latitudes, departures and closing corrs.

Lines designated	True bearings	Dist.	Latitudes N.	Latitudes S.	Departures E.	Departures W.
5th Standard Parallel S	West.	160.00				160.00
"	S. 88°42' W.	80.02		1.81		80.00
"	West.	240.00				240.00
W. bdy. T. 2 S., R. 1 W.	N. 0°20' W.	159.05	159.05			.92
"	N. 2°40' W.	315.42	315.10			14.67
N. bdy. "	N. 88°05' E.	81.69	2.73		81.64	
" "	S. 89°28' E.	80.96		75	80.96	
" "	N. 86°05' E.	81.41	5.55		81.21	
" "	N. 86°46' E.	84.33	4.76		84.20	
" "	East	160.00			160.00	
E. bdy "	S 3°08' E	84.32		84.20	4.61	
" "	S	400.00		400.00	5.8	
Convergency →			487.19	486.76	493.21	495.59
			486.76			493.21
Error in Lat. and Departure			.43			2.38

For general description see subdivision T. 2 S., R. 1 W.

Julian O. Page
George D. Evans
U.S. Deputy Surveyors.

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 May 26th, 1899

The foregoing field notes of the survey of the West Boundary of Township No. 25 South Range No. 1 West of the Salt Lake Base & Meridian Utah

executed by Hubert D Page and George C Swan under ~~his~~ their contract No. 209, dated December 26, 1896, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Jacob B Blair
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.

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61

BOOK A-279

K.J.B.

FIELD NOTES

OF THE SURVEY OF

The

Subdevision

of

Township No. 25 South,

Range No. 1 West.

Of the Salt Lake Base and Meridian,

In the State of Utah,

AS SURVEYED BY

Hubert D. Page and George C. Swan, United States Deputy Surveyors

Under ~~his~~ their Contract No. 209, dated Dec. 26th, 1896

Survey commenced June 1st, 1897

Survey completed " 5th, 1897

6—151

		m. chs. lks.
	Sets high	15-50-23
	" Clinic	16-95
[illegible]	" high	10-20-29
" "	S. Bdry	1-00-02

Retracement Cnty. W. Bdry. 3-75-44

Names and Duties of Assistants.

James M. Lentz. Chainman

James Holdaway Chainman

Douglas A. Swan Jr. Chainman

Owen A. Smoot Jr. Chainman

James M. Lentz. Roundman

James Holdaway Roundman

Samuel Mecham Axman

Charles A Eames Flagman

Charles A Eames Axman

BOOK A-279

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.....

BOOK A-27

Preliminary Oaths of Assistants.

We, James M Lentz, James Holdaway, Douglas A. Swan Jr. & Owen A. Swan do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon 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 subdivision lines of T. 25 S. R. 1, 2 and 3 W.; T. 24 S. R. 1 and 2 W.; T. 23 S. R. 1 W.; T. 22 S. R. 1 W. T. 29 S. R. 6 and 7 W.; T. 28 S. R. 6 W. of the Salt Lake Base & Meridian Utah

James M Lentz - James Holdaway., Chainman.

Douglas A. Swan Jr. Owen A. Swan Jr. Chainman.

Subscribed and sworn to before me this 31st day of July, 1897

George D Swan

U. S. Deputy Surveyor

SEAL

We, James M. Lentz and James Holdaway do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of the corners, according to the instructions given us, to the best of our skill and ability, in the survey of the subdivision lines of T. 25 S. R. 1, 2, and 3 W.; T. 24 S. R. 1 W. 2 W.; T. 23 S. R. 1 W.; T. 22 S. R. 1 W.; T. 29 S. R. 6 and 7 W.; T. 28 S. R. 6 W. of the Salt Lake Base & Meridian Utah

James M Lentz, Moundman.

James Holdaway, Moundman

Subscribed and sworn to before me this 31st day of July, 1897

George D Swan

U. S. Deputy Surveyor

SEAL

We, Samuel Mechanic and Charles A. Cramer do solemnly swear that we will well and truly perform the duties of axmen in the establishment of [illegible] and other duties, according to instructions given us, to the best of our skill and ability, in the survey of the subdivision lines of T. 25 S. R. 1, 2 & 3 W.; T. 24 S. R. 1 & 2 W.; T. 23 S. R. 1 W.; T. 22 S. R. 1 W.; T. 29 S. R. 6 & 7 W.; T. 28 S. R. 6 W. of the Salt Lake Base & Meridian Utah

Samuel Mechanic, Axma.

Charles A. Cramer, Axm

Subscribed and sworn to before me this 31st day of July, 1897

George D Swan

U. S. Deputy Surveyor

SEAL

I, Charles A. Cramer, do solemnly swear that I will well and [illegible] perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of the subdivision lines of T. 25 S. R. 1, 2 & 3 W.; T. 24 S. R. 1 & 2 W.; T. 23 S. R. 1 W.; T. 22 S. R. 1 W.; T. 29 S. R. 6 & 7 W.; T. 28 S. R. 6 W. of the Salt Lake Base & Meridian Utah

Charles A. Cramer, Flagman

Subscribed and sworn to before me this 31st day of July, 1897

George D Swan

U. S. Deputy Surveyor

SEAL

6—151

Retracement of Subdivisions of T. 25 S., R. 1 W.

Chains.

Survey commenced June 1st 1897, and executed with a W. & L. E. Gurley light mountain transit, No. 30, 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 lat. and decl. 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 26th 1897.

We examine the adjustments of the transit and find them correct; 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 standard cor. of secs. 33 and 34, on the 5th standard parallel in T. 25 S., R. 1 W. In lat. 38° 36' N. Long. 111° 57' W: We set off 38° 36' on lat. arc; 22° 13' 11" on decl. arc; and at 5 h. 0 m. 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 chs. N. of the corner.

June 1st 1897.

June 2nd at 2h 40m a.m. l. m. t. We observe Polaris at eastern elongation, in accordance with manual.

of instructions, and mark a point in the line thus determined on a plug driven in the ground 5 chs. N. of the cor.

At 6h. 10m. a.m. l.m.t., I/C lay off the azimuth of Polaris, 1°35' to the W. and mark the True meridian, thus determined; by cutting a small grove in the stone set June 1st. on which the true Meridian falls on the mark determined by the solar.

At 7h. 0m. a.m. l.m.t., I/C set off 38°36' on lat. arc; 72°18' N. on dec. arc; and determine a true meridian with the solar, which falls on the mark determined by the Polaris observation; therefore, I/C conclude the adjustments of the instrument are correct.

The magnetic bearing of the true meridian at 7h. 30m. a.m. is N. 15°00' W. the angle thus determined reduced by the table Page 100. of the manual gives the mean magnetic dec. 14°56' E.

After taking numerous readings I/C conclude the magnetic needle is unreliable. due to large quantities of iron ore.

Preliminary to commencing the subdivision of this T., I/C run E. on a blank line on the S. boundary of sec. 34. on the 5th standard parallel; at 40.00 chs. I/C search diligently and can find no trace of old

1/4 sec. cor.
and at 80.00 chs. W.E find the cor. of secs. 34 and 35. N. 1.81 chs. dist;
Which is a trachyte stone 8 x 6 x 6 ins. above ground, firmly set, and marked and witnessed as described by the surveyor general.
The course of this line is therefore N. 88°42' E. dist. 80.18 chs.
Therefor, We continue our retracement.
Thence We run N. bet. secs. 34 and 35. 40.00 chs. after dilligent search no old 1/4 cor. can be found at 80.30 W.E find the cor. of Secs. 26, 27, 34 and 35. W. 1.50 chs. dist. Which is a trachyte Stone 8 x 6 x 5 ins. above the ground, firmly set, and marked with 2 notches on the E. and 1 notch on the S. edges. with a mound of stone W. of cor; The course of this line is therefor N. 1°04' W. dist 80.31 chs.
Thence We run N. bet. secs. 26 and 27., 40.00 chs. after dilligent search no old 1/4 cor. can be found. at 80.30 chs. We find the Cor.s of secs. 22, 23, 26 and 27. W. 1.75 chs dist. which is a trachyte stone 8 x 10 x 6 ins. above ground, firmly set, and marked with 2 notches on the E. and 2 notches on the S. edges.
The course of this line is therefor E. N. 1°15' W. dist 80.37 chs.
Thence We run W. on blank line. bet. secs. 22 and 27.
40.00 chs. after dilligent search no old 1/4 sec. cor. can be found.
65.00 chs. after dilligent search no Witness

Retracement of subdivision of T. 25 S., R. 17 W., continued.

Cor. can be found.
80.00 chs. Set temp. sec. cor.
Thence we run N. on a blank line
bet. secs. 21 and 22.
40.00 chs. After dilligent search no
old 1/4 sec. cor. can be found.
77.94 chs. We find the cor. of secs.
15, 16, 21 and 22. W. 53 lks. dist.
Thence We run N. on a blank line
bet. secs. 15 and 16. 40.00 chs. after
dilligent search no old 1/4 sec. cor.
can be found. and at 81.00 chs.
We find the cor. of secs. 9, 10, 15 and
16. W. 12 lks. dist. which is a trachyte
stone 8 x 10 x 6 ins. above ground.
marked 3 notches on the E. and 4
notches on the S. edges. We rebuild
mound of rocks 2 ft. base, 1½ ft.
high. W. of cor.
The course of this line is therefore,
N. 0° 5' W.
Thence We run W. on a blank line
bet. secs. 9 and 16. 40.00 chs. After
dilligent search no old 1/4 sec. cor.
can be found. and at 79.97 chs.
We find the cor. of secs. 8, 9, 16 and
17. S. 1.91 chs. dist. which is a trachyte
stone 6 x 4 x 9 ins. above ground, firmly
and marked as described
by the Surveyor General.
The course of this line is there-
fore. S. 88° 38' W. dist. 79.99
Thence We run W. on a blank
line bet. secs. 8 and 17. 40.00 chs after
dilligent search no old 1/4 sec. cor. can
be found. 80.00 chs. After dilligent
search no old sec. cor. can be found.
Set temp. sec. cor.
Thence We run S. on a blank
line bet. secs. 17 and 18. 40.00 chs.
After dilligent search no old 1/4 sec.

Retracement of Subdivision of T.25 S, R.1 N.—continued.

Cor. can be found and at 81.97 chs. We find the cor. of secs. 17, 18, 19 and 20. E. 18 lks. dist. which is a trachyte stone 8×11×7 ins. above ground. marked as described by the Surveyor General. The course of this line is therefore S.0°7'E. dist. 81.97 chs.

Thence we run S. on a blank line bet. secs. 19 and 20. 40.00 chs. after dilligent search no old 1/4 sec. Cor. can be found. and at 80.08 chs. We find the cor. of secs. 19, 20, 29 and 30. E. 20 lks. which is a trachyte stone 10×8×6 ins. above ground, set firmly, and marked as described by the Surveyor General.

The course of this line is therefore S.0°9'E. dist. 80.08 chs.

Thence we run N. on a blank line bet. secs. 19 and 30. 40.00 chs. after dilligent search no old 1/4 sec. cor. can be found. and at 77.45 chs. We find the cor. of secs. 19, 24, 25 and 30. N. 1.51 chs. dist. which is a trachyte stone 8×13×10 ins. above the ground. which We rebuilt June 2nd. The course of this line is therefore N.88°53' W. dist. 77.46 chs. June 3rd 1897.

Many of the cors. having been destroyed.

We resurvey and reestablish the old line as follows:

June 4th At 7h.0m. a.m. c.m.t. We set off 38°38' on lat. arc; 22°32' N. on decl. arc: and determine a true meridian with the Solar at the cor. of secs. 19, 24, 25 and 30 on the W. bdy. of Tp.

Resurvey of the Subdivision of T-25 S., R. 1 W.

chains.	
	Thence We run.
	S. 88°53' E. on a true line bet. secs. 19 and 30. descending over rolling land through heavy pine and aspen timber.
37.46	Set a trachyte stone 16 x 8 x 6 ins. 11 ins in the ground, for 1/4 sec. cor. marked 1/4 on W. face, raised a mound of stone 2 ft. base 1 1/2 ft. high. N. of Cor. Pits impracticable.
65.00	Wood road, bears N. 25° W. and S. 25° E
	Leave heavy timber and
	Enter timber scattering.
77.46	The cor. of secs. 19, 20, 29 and 30.
	Land mountainous
	Soil, stony loam. 2nd rate
	Timber, pine and aspen.
	Mountainous land. 77.46 chs.
	Thence We run
	N. 0° 9' W. on a true line bet. secs. 19 and 20. descending over rolling land, through heavy aspen and pine timber.
15.50	Leave timber.
21.00	Wagon road. N. W. and S. E.
28.00	Dry run. course N. W. begin ascending.
40.04	Set a trachyte stone 14 x 10 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face. raised a mound of stone 2 ft. base 1 1/2 ft. high W. of Cor. Pits impracticable.
57.00	Top of ridge 60 ft. high. bears W. and E. descend. enter timber.
69.00	Leave timber.
74.50	Wagon road N. W. and S. E. begin ascending.
77.70	Enter timber.
80.08	The cor. of secs. 17, 18, 19 and 20
	Land, mountainous
	Soil, loam, stony 2nd rate.

Resurvey of Subdivision of T. 25 S., R. 1 W. - Continued

Chains		
	Timber, aspen and pine. Mountainous land, 80.08 chs.	
	Thence We run N. 0°9' W. on a true line bet. secs. 17 and 18. Ascend through heavy pine and aspen timber.	
12.50	Trachyte cliffs. 20 ft. high bear S.E.	
17.00	Top of mountain. bears N. and S. descend.	
40.00	Set a trachyte stone 18 x 10 x 8 ins. 12 ins. in the ground for 1/4 sec. Cor. marked 1/4 on W. face. Raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of Cor. Pits impracticable.	
61.00	Pass bet. two hills 40 ft. deep. bears E. and W. ascend.	
75.00	Top of ridge, bears N. and S. descend.	
80.06	Set a trachyte stone 18 x 10 x 6 ins. 12 ins. in the ground for cor. of secs. 7, 8, 17 and 18. marked with 4 notches on the S. and 5 notches on the E. edges. Raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of Cor. Pits impracticable. Land, mountainous. Soil, stony 3rd rate. Timber aspen and pine. Mountainous land, 80.06 chs. June 4th At this cor. We set off 22°33' N. on decl. arc; and at 11h58m a.m. l.m.t., observe the sun on the meridian, the resulting latitude is 38°40'	
	Thence We run N. 88°38' E. on a true line	

Resurvey of Subdivision of T. 25 S., R. 17 E. - Continued

Chains	
	Met. secs. 8 and 17. descending over rolling land
40.03½	Set a trachyte stone 17 x 9 x 6 ins. 12 ins. in the ground. for 1/4 sec cor. marked 1/4 on N. face, raised a mound of stone 2 ft. base, 1½ ft. high N. of cor. Pits impracticable.
59.70	Bottom of ravine 100 ft deep. course N. ascend.
59.75	Wood road. N. 10° E.
75.50	Top of ridge. N. 10° E. descend.
80.07	The cor. of secs. 8, 9, 16 and 17. Land, Mountainous. Soil, Stony 3rd and 4th rate. Young timber, Aspen and pine. Mountainous land. 80.07 chs.
	Thence Return N. 88° 38' E. on a true line Met. secs. 9 and 16. descending over rolling land. along E. slope of Mountain Through scattering pine and aspen timber.
22.75	Bottom of ravine 300 ft. below cor. and wood road course N. 10° E. 3/4 S.
26.00	Low ridge, bears N. 10° E. 1/2 pos. N.
39.99½	Set a trachyte stone 18 x 8 x 8 ins. 12 ins. in the ground. for 1/4 sec. cor. Marked 1/4 on N. face, raised a mound of stone. 2 ft. base, 1½ ft. high. N. of cor. Pits impracticable.
44.50	Scrub timber, enters dense sage brush and scattering oaks.
55.00	Top of ridge 250 ft. below 1/4 sec. cor. Heads N. and S. slopes N.
79.99	The cor. of secs. 9, 10, 15 and 16. Land, Mountainous

Resurvey of Subdivision of T. 25 S., R. 1 W.—continued

Chains	
	Soil, stony 4th rate.
	Timber, scattering pine and aspen.
	Mountainous land, 79.99 chs.
	June 5th, at 7h. 0m. a.m., l.m.t. We set off 38°40' N. on lat. arc; 22°39' N. on decl. arc: and determine a true meridian with the solar at the cor. of secs. 9, 10, 15 and 16.
	Thence We run
	S. 0°5' E. on a true line bet. secs. 15 and 16. over rolling land, through dense sage brush.
	Ascend.
24.20	Ravine 150 ft. deep course E.
40.50	Set a trachyte stone 16 × 8 × 5 ins 11 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. face, raised a mound of stone 2 ft. base, 1 1/2 ft. high. W. of Cor. Pits impracticable.
72.00	Top of spur projects E.
	descend.
74.00	Ascend.
81.00	The cor. of secs. 15, 16, 21 and 22.
	Land, mountainous.
	Soil, stony 3rd rate.
	No timber.
	Mountainous land, dense under-growth, 81.00 chs.
	Thence We run
	S. on a true line bet. secs. 21 and 22. over rolling land, through dense sage and oak brush.
	ascend
40.00	Set a trachyte stone 15 × 8 × 5 ins. 10 ins. in the ground for

Resurvey of Subdivision of T. 25 S., R. 1 W. - contin.

Chains	
	Cor. marked 1/4 on W. face, raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of Cor. for reestablished 1/4 sec. cor. Pits impracticable. Thence on new survey line.
63.40	Bottom of ravine, 75 ft. deep. course E.
68.40	Bottom of ravine, 75 ft. deep. course N. 60° E.
77.40	Bottom of ravine 75 ft. deep. course S. 70° E. enter aspen grove.
77.90	Leave aspen grove.
77.94	Set a trachyte stone 20 x 10 x 8 ins. 15 ins. in the ground for the cor. of sec. 22. Marked with 3 notches on the S. and E. edges. raised a mound of stone 2 ft. base, 1 1/2 ft. high N. E. of Cor. Pits impracticable. Land, mountainous. Soil, stony. 3rd rate. No timber. Mountainous land, dense under-growth. 77.94 chs.
	Thence We run on new survey line. E. on a true line bet. secs. 22 and 27. descend over rolling land, through dense sage and oak brush.
15.53	End of new survey line beginning of resurvey line.
40.53	Set a trachyte stone 15 x 8 x 5 ins. 10 ins. in the ground for 1/4 sec. Cor. marked 1/4 on N. face. raised a mound of stone 2 ft. base, 1 1/2 ft. high, N. of Cor. Pits impracticable.
43.40	Dry wash, 2 x 4 ft. course S. ascend.
55.20	County road to Burrville. bears S.E. and N.W.
80.53	The cor. of secs. 22, 23, 26 and 27. Land, Mountainous.

old survey - 40.00
new - 37.94

65.00 old survey
15.53 new

Resurvey of Subdivision of T. 25 S. R. 1 N. - Continued.

Chains.	
	Soil stony 3rd rate Mountainous land, dense under-growth. 80.53 chs. June 5th, at this cor. N. set off 22°39' N. on decl. arc; and at 11h 58 m a.m. l.m.t., observe the sun on the meridian; the resulting latitude is 38°38' N.
	Thence we run S. 1°15' E. on a true line bet. secs. 26 and 27. descending over rolling land, through dense sage brush.
28.75	County road to Burrville bears S.E. and N.W.
40.16	Set a trachyte 12 x 10 x 6 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable.
42.00	Burr creek 2 lks. wide. pure water flows S.E.
56.00	Top of ridge. bears S.E. and N.W.
80.32	The cor. of secs. 26, 27, 34 and 35. Land, mountainous Soil stony 2nd and 3rd rate. No timber. Mountainous land, dense under-growth. 80.32 chs.
	Thence we run S. 1°04' E. on a true line bet. secs. 34 and 35. over rolling land, through dense sage brush. descend.
0.50	Branch 2 lks wide. pure water flows E. ascend.
26.60	Top of spur. projects E.
40.15	set a trachyte stone 16 x 8 x 4 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face

Resurvey of Subdivision of T. 25 S., R. 1 W. - Contin

chains	
	raised a mound of stone 2 ft. base, 1½ ft. high W of cor. Pits impracticable
62.00	Irrigation ditch, bears S. W. 2nd N. E. and S.W.
66.50	Wood road, bears S. E. 2nd N. W.
80.31	The standard cor. of secs. 34 and 35.
	Land, mountainous
	Soil, stony 3rd rate.
	Mountainous land, dense undergrowth, 80.31 chs

Exterior boundaries of this T. do not close within the proper limits.

Therefore; we retrace as follows.

June 2nd/97 at 2 h. 0 m. p.m., l. m. t., we set off 38°38' N on lat. arc; 22°19' N on decl. arc; and determine a true Meridian with the solar, at the established cor. of secs. 19, 24, 25 and 30, on the W. bdy. of T. 25 S., R. 1 W.

Thence we run

North on a true line, on the W. bdy. of sec. 19; at 40.00 chs. after dilligent search no old ¼ sec. cor. can be found; 80.00 chs. after dilligent search no old sec. cor. can be found therefore, we continue our retracement and find no part of the W. bdy.

and at 3 miles 75.10 chs., intersect E. and W. line 14.67 chs. E. of the cor. of T. 24 and 25 S., Rs. 1 and 2 W.

which is a trachyte stone 6 x 8 x 6 ins above ground, marked as described by the Surveyor General.

The course of this line is therefore N. 2°40' W. and the distance 315.44 chs.

For retracement of

E. bdy. see notes of W. Bdy.

N. " " " " S. bdy. of T. 24 S. R. 1 W.

Subdivision of T. 25 S., R. 1 W.

chains.	
	Survey commenced June 3rd 1897. and executed with the instruments described in Book "A" and "B" pages 1. of Contract No. 209.
	At the standard corner of Sec. 33 and 34. on the 5th standard parallel south, Latitude 38°36' N Longitude 111°57' W.
	At 7 h 0 m a.m., L. m. t., Ψ e set off 38°36' N. on Lat. arc, 22°25' N. on decl. arc., and determine a true meridian with the Solar, which falls on the mark of the true meridian established by Polaris observations, June 2nd
	Thence W. on a true line between Secs. 33 and 34.
	Descending through heavy oak brush and artemesia along E. slope of mountain
6.00	Bottom of ravine 120. ft. deep drains S. 70° E.
	Begin ascending,
16.00	Top of ridge 150 ft. high bears S. E. & N.W. slopes S. E.
	Begin descending
24.00	Wood road bears S. 40° E & N.W.
25.75	Bottom of ravine 100 ft. deep. Course S.E. and Creek 4 lbs. wide, pure water flows S. 40° E.
	Begin ascending.
37.00	Top of ridge 150 ft. high bears S. 40° E & N.W. slopes S. 40° E
40.00	Set a trachyte stone

Subdivision of T. 25 S. R. 17 E.—Continued

Chains	
	16 x 10 x 8 ins. 12 ins. in the ground. for 1/4 sec. cor. marked 1/4 on W. face, raised a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Pits impracticable.
41.00	Begin descending, enter Mahogany timber.
47.50	Trachyte ledges. bear E. 2° N.
54.75	Wood road, bears S. 45 E. and N. W. leave mahogany timber and oak brush and artemisia. enter Aspen timber.
55.90	Creek 4 lks. wide, pure water flows S. 40° E. and bottom of ravine. 200 ft. deep. course S. 40° E.
56.00	Leave Aspen timber, begin ascending through dense artemisia.
59.00	Slide rock.
61.00	Leave slide rock.
70.00	Top of ridge 250 ft. high. bears S. 45° E. and N. W. slope S. E. Ascending along E. slope of Mountain.
80.00	Set a trachyte rock, 14 x 10 x 8 in. 10 in. in the ground for cor. of secs. 27, 28, 33 and 34. marked with 3 notches on the E. and 1 notch on the S. edges. raised a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Pits impracticable. Land, Mountainous Soil, stony & rocky Timber, oak, aspen and mahogany. Dense undergrowth Artemisia.

Subdivision of T. 25 S., R. 1 W. - continued.

Chains	Mountainous land & dense undergrowth 80.00 chains.
	Thence W. run East on a random line bet. sec. 27 and 34.
40.00	After dilligent search no old 1/4 sec. cor. can be found.
78.50	Intersect line. S. 1°04' E. - 2.11 chs. from the cor. of secs. 26, 27, 34 and 35. This corresponds to the re-placements made June 2nd, therefore begin at the cor. of secs. 26, 27, 34 and 35. Thence run W. on a true line bet. secs. 27 and 34. Ascending through dense under-growth.
25.00	Dry run, drains S. 70° E. Ascending along S. S. side of ravine.
40.00	After dilligent search no old 1/4 sec. cor. can be found. We reestablish cor. as follows; Set a trachyte stone 18 x 8 x 6 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, raised a mound of stone 2 1/2 ft. base, 2 ft. high, N. of cor. Pits impracticable.
78.50	Intersect a N. and S. line 2.11 chs. N. of the cor. of sec. 28, and 33. Where we establish Closing Cor. for fract. secs. 27 and 34 as follows:
40.00 / 38.50	Set a trachyte stone 14 x 8 x 6 ins.

Subdivision of T. 25 S., R. 17 W.—Continued

Chains.	
	10 ins. in the ground, for closing Cor. of secs. 27 and 34. marked C.C., on E.; with 3 grooves on the E. and 1 groove on the S. faces; and raised a mound of stone 2 ft. base, 1½ ft. high E. of cor. Pits impracticable. No destroy marks or previously established cor. pertaining to secs. 27 and 34. Land, mountainous, Soil, stony 4th rate No timber, dense undergrowth Artemesia and mountainous 7.50 chs.
	N. along the E. bdy. of sec. 28. descending over rolling land through dense undergrowth.
2.11	Closing Cor. to secs. 27 and 34.
24.00	Bottom of ravine 100 ft. deep, drains S. 46° E. Begin ascending along E. slope of mountain
26.00	Enter cedar and mahogany timber
34.00	Leave timber slide rock.
39.00	Trachyte ledges. leave slide rock.
40.00	Set a trachyte stone 24 x 10 x 8 ins. 18 ins. in the ground, for 1/4 sec. Cor. marked 1/4 on N. face, raised a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Pits impracticable.
40.50	Top of ridge 150 ft. high bears N. 50° E. and S. 50° W.
41.00½	Set a trachyte stone 12 x 10 x 5 ins. 8 ins. in the ground, for 1/4 sec. Cor. for sec. 27. marked 1/4 on E. face, raised a mound of stone, 2 ft. base, 1½ ft. high. E. of cor. Pits impracticable.
47.00	Enter dense oak brush.
58.00	Bottom of ravine 275 ft. deep. bears N. 60° E.
61.50	Wagon road leading to top of mountain bears S. 60° W. and N. 60° E.

Subdivision of T. 25 S., R. 17 E.-Continued.

Chains	
80.00	Set a trachyte stone 24 x 10 x 8 ins. 18 ins. in the ground, for cor. of secs. 28, 29, 32, 33, marked with 3 notches on E. and 2 notches on S. edges, raised a mound of stone 3 ft. base, 2 ft. high S. W. of cor.
	Pits impracticable.
82.41	Intersect E. and W. line 3.83 chs E. of the SW cor. of sec. 27, set by us June 2nd
	Where we set a closing cor. for sec. 27, marked C. C. on S. with 3 grooves on the E. and 2 grooves on the S. faces, raised a mound of stone 2 ft. base, 1½ ft. high S. E. of cor.
	Pits impracticable.
	Land, mountainous.
	Soil, stony 4th rate.
	Timber, scattering cedar and mahogany.
	Undergrowth, artemisia.
	Dense undergrowth and mountainous land, 82.41 chs.
	June 3rd, at this cor. we set off 22° 26' Non dec. arc; and at 1h 58m a. m., l. m. t., observe the sun on the meridian, the resulting lat. is 38° 38' N.
	June 4th; at 7h 0m a. m., l. m. t., we set off 38° 36' N. on lat. arc; 22° 32' N. on dec. arc; and determine a true meridian with the solar at the standard cor. of secs. 32 and 33, on the 5th standard

Chains	
	parallel south, which is a trachyte stone 8 x 10 x 8 ins. above the ground, which I find, marked as described by the Surveyor General.
	Thence W.th run N. 0° 1' W. on a true line bet. secs. 32 and 33.
	Descending over rolling land through dense undergrowth Artemesia.
4.00	Enter dead and fallen timber, scattering pine and Aspen.
8.00	Bottom of ravine 150 ft. deep, and creek 4 lks. wide, pure water flows E.. begin ascending.
9.00	Wood road, bears E. and W.
9.90	Leave timber,
36.70	Top of ridge 500. ft. high, bears E. and W. slopes E. begin descending.
40.00	Set a trachyte stone 23 x 7 x 6 ins. 17 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face. raised a mound of stone 3 ft. base, 2 ft. high. W. of cor. Pits impracticable.
45.15	Bottom of ravine 100 ft. deep, drains N.E.
59.50	Bottom of ravine 75 ft. deep, and creek, 2 lks. wide, pure water, flows N.E.
66.00	Enter fallen pine timber and young growth.
74.25	Bottom of ravine 200 ft. deep, Creek 2 lks. wide, pure water, ravine and creek

Subdivision of T. 25 S., R. 1 W. - continued.

Chains	
	Course N. E.
78.50	Wood road, bears E. and W.
79.00	Creek 3 lks. wide, pure water, flows E. and bottom of main ravine, 10 ft. deep. Course E. Begin ascending.
80.00	Set a trachyte stone 24 x 12 x 10 ins. 18 ins. in the ground, for cor. of secs. 28, 29, 32 and 33. marked with 4 notches on the E. and one notch on the S. edges. raised a mound of stone 3 ft. base, 2 ft. high W. of cor. Pits impracticable. Land, mountainous. Soil, stony, 4th rate. Timber, pine and aspen. Undergrowth, artemisia. Mountainous land and dense undergrowth. 80.00 chs.
	Thence W. run E. on a random line bet. secs. 28 and 33.
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. and S. line at the cor. of sections 28, 29, 32 and 33.
	Thence S. run W. on a true line bet. secs. 28 and 33. ascending the E. slope of the mountain over rolling land, through dense undergrowth, scattering cedar and mahogany timber.

Subdivision of T. 25 S., R. 17 E. - Continued

Chains.	
17.00	Top of spur projects S. E.
	Descending.
27.00	Leave mahogany timber
34.70	Bottom of ravine 300 ft. deep drains S. E. and Creek 4 lks. wide, pure water, flows S. E.
36.00	Wood road, bears S. E. and N. W. Begin steep ascent through fallen and standing aspen timber
40.00	Set a trachyte stone, 18 x 10 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, raised a mound of stone 3 ft. base, 2 ft. high, N. of cor. Pits impracticable. Ascending over boulders and trachyte ledges.
45.25	Top of spur, 100 ft. projects N. E. descending along the N. W. slope of ridge.
59.50	Creek 4 lks. wide, pure water, flows N. E. and Bottom of ravine. Begin ascending through scattering aspen and pine timber, along N. side of ravine.
60.00	Wood road, bears N. E. and S. W.
80.00	The cor. of secs. 28, 29, 32 and 33. Land, mountainous. Soil, stony 3rd and 4th rate. Timber, Aspen pine and mahogany. Undergrowth, Artemesia. Mountainous land and dense undergrowth. 80.00 chs.

Subdivision of T. 25 S., R. 1 W. - Continued

Chains	
	N. 0° 1' W., bet. secs. 28 and 29. Ascending, through scattering Mahogany timber.
17.00	Top of ridge. 450 ft. high, bears E. 2nd N. Descending, enters heavy pine timber.
27.00	Bottom of ravine 400 ft. deep bears S. E. 2nd N. W. drains S. E.
28.00	Wood road, bears S. E. 2nd N. W.
29.00	Begin ascending.
37.00	Trachyte cliffs 50 ft. high, bear S. E. 2nd N. W.
40.00	Set a trachyte stone 14 x 7 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face. Raised a mound of stone 3 ft. base, 2 ft. high. W. of cor. Pits impracticable. Ascending along E. slope of Mountain; enters aspen timber and oak brush.
50.00	Trachyte ledges bear N. W. 2nd S. E.
79.00	Leave timber.
79.90	Old wagon road, (abandoned) bears N. W. 2nd S. E.
80.00	Set a trachyte stone 18 x 12 x 6 ins. 12 ins. in the ground for cor. to secs. 20, 21, 28 and 29. Marked with 4 notches on the E. and 2 notches on the S. edges. Raised a mound of stone 2 ft. base, 2 ft. high. W. of Cor. Pits impracticable. Land, mountainous. Soil, stony, 3rd and 4th rate. Timber, pine, aspen and Mahogany. Dense undergrowth, Artemesia and oak brush. Mountainous Land 80.00 Chs.
	E. on a random line bet.

Sub-division of T. 75 S., R. 17 W.—continued.

Chains	
	secs. 21 and 28.
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. & S. line at the cor. of secs. 21 & 28;
	Thence run
	W. on a true line bet. secs. 21 and 28 ascending E. slope of the Mountain, through dense under-growth, oakbrush aspen & pine.
40.01	Set a trachyte stone 16x10x6 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, raised a mound of stone 3 ft. base, 2 ft. high. N. of cor.
	Pits impracticable.
62.60	Top of Mountain, bears N. W. and S. E. begin descending over rolling land.
79.90	Old wood road bears N. W.
80.02	The cor. of secs. 20, 21, 28 and 29.
	Land, Mountainous.
	Soil, 3rd rate.
	Timber, Oak, Aspen, and pine.
	Dense under growth, oakbrush
	Mountainous land 80.02 chs.

N. 0° 15' W. bet. secs. 20 and 21. ascending S. W. slope of Mountain through heavy aspen and pine.

11.10	Old wagon road bears N. W. & S. E.
77.00	Top of mountain, bears S. E. Begin descending through burnt and fallen pine and aspen timber.
80.00	Set a trachyte stone 22x10x8 ins. 17 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face raised a mound of stone 3 ft. base, 2 ft. high W. of cor.
	Pits impracticable
50.00	Bottom of ravine 200 ft. deep.

Subdivision of T. 25 S., R. 17 W. - continued.

Chains	
	bears S. E. Begin ascending through heavy pine and aspen timber.
62.00	Top of Mountain bears S. E. and N. W. descending along E. slope of Mountain.
80.00	Set a trachyte stone 24x12x6 ins. 18 ins. in the ground, for cor. of secs. 16, 17, 20 and 21. Marked with 4 notches on the E. and 3 notches on the S. edges. raised a mound of stone 3 ft. base, 2 ft. high. N. of cor. Pits impracticable. Land Mountainous. Soil loam and stony. 2nd rate. Timber aspen and pine. Mountainous land. 80.00 chs.
	E. on a random bet. secs. 16 and 21.
40.00	Set temp. 1/4 sec. cor.
76.14	Intersect N. and S. line 3 lks. S. of Cor. of secs 15, 16, 21 and 22. Thence run S. 89°59' W. on a true line bet. secs. 16 and 21. Ascending over rolling land through dense Artemesia.
3.00	Rocky knoll descending, enter scattering aspen.
37.00	Bottom of ravine 100 ft. deep course N.W. begin ascending enter oak brush.
36.14	Set a trachyte stone 24x12x6 ins 18 ins. in the ground, for 1/4 sec. cor. Marked 1/4 on N. face, raised a mound of stone 2 ft. base 2 ft. high N. of Cor. Pits impracticable

Subdivision of T. 25 S. R. 1 W. - Continued

Chains	
	Ascending E. slope of Mountain
41.00	Enter Mahogany timber
69.00	Leave timber
72.00	Enter, pine and aspen timber
76.00	Top of spur projects N. E. 1/4 begin descending, through dead and fallen timber
76.14	The cor. of secs. 16, 17, 20 and 21
	Land, mountainous.
	Soil, rocky loam, 3rd rate.
	Timber, aspen and pine.
	Dense undergrowth, artemesia and oak brush.
	Note: Sky being over cast, could take no observation for lat. this day.
	Mountainous land, 76.14 chs. June 4th 1897.
	June 5th: at 7h 0m a.m., l.m.t., We set off 38°39' N on lat. arc; 22° 38'30" N on decl. arc; and determine a true meridian with the solar, at the cor. of secs. 16, 17, 20 and 21.
	Thence run
	N. 0° 1' W. on a random line bet. secs. 16 and 17.
40.00	Set temp. 1/4 sec. cor.
79.44	Intersect a point N. 88°38' E. 3.79 chs. of the cor. of secs. 8, 9, 16 and 17. This corresponds to retracement made June 2nd. Therefore We set cor. for fracl. secs. 16 and 17. as follows.
	Set a trachyte stone 23 x 10 x 7 ins 17 ins. in the ground for cor. of fracl. secs 16 and 17. Marked C.C. on the S. face with 4 groves on the E. and S. faces raised a mound of stone, 3 ft base, 2 ft high S. of cor.
	Pits impracticable. We destroy marks on old cor. pertaining to secs. 16 and 17.

Subdivision of T. 25 S., R. 1 W. - Continued

Chains	
	Thence pur. S. 0° 1' E. on a true line bet. secs. 16 and 17. Ascending the N. slope of mountain along the E. slope of ridge through fallen timber, pine and aspen.
39.44	Set a trachyte stone 24 x 12 x 8 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face. Raised a mound of stone 3 ft. base 2 ft. high. W. of cor. Pits impracticable.
75.50	Head of ravine drains N.
79.44	The cor. of 16, 17, 20 and 21. Land, mountainous. Soil, stony loam, 3rd and 4th rate. Timber, heavy pine and aspen. Mountainous land. 79.44 chs.
	Thence W. pur. W. on a random line bet. secs. 17 and 20.
40.00	Set stone 1/4 sec. cor.
83.63	Intersect line N. 0° 09' W. 2.53 chs. from the cor. of secs. 17, 18, 19 and 20, which corresponds to the replacement made June 2nd; therefore, we establish cor. as follows. Set a trachyte stone 24 x 10 x 8 ins. 18 ins. in the ground, for cor. to prad. secs. 17 and 20. Marked C.C. on E. face with 5 grooves on the E. and 3 grooves on the S. faces. Raised a mound of stone 3 ft. base, 2 ft. high, E. of cor. Pits impracticable. We destroy marks on old cor. pertaining to secs. 17 and 20. Thence W. pur.

Subdivision of T. 25 S., R. 1 W.- Continued

Chains	
	E. on a line line bet. secs 17 and 20. Ascending over rolling land, through heavy aspen and pine timber.
6.60	Trachyte cliffs, 30 ft. high, bear S. 20 E.
18.00	Top of rocky ridge, 150 ft. high bear N. 25 E descending.
43.63	Set a trachyte stone 18 x 8 x 6 ins. 12 ins in the ground for 1/4 sec. Cor. Marked 1/4 on N. face, raised a mound of stone 3 ft. base, 2 ft. high N. of Cor. Pits impracticable. Heavy timber.
64.60	Bottom of ravine 300 ft. deep. bears S.E. begin ascending. enter Aspen and pine timber. Some fallen timber.
83.63	The cor. of secs. 16, 17, 20 and 21. Land, mountainous. Soil stony loam. 2nd and 4th rate. Timber, pine and aspen. Mountainous land 83.63 chs.

June 5th At the Standard Cor. of secs. 31 and 32. on the 5th Standard parallel S. which is a trachyte stone 6 x 14 x 10 ins. above the ground, marked as described by the Surveyor General.

At. 9h 55m a.m., L. m. t., set off 38° 36' N on Lat. arc; 22° 38' 30" N on dec. arc and determine a true meridian with the solar.

Thence West

N. 0° 1' W. bet secs. 31 and 32. Ascending S. slope of mountain.

Chains.	
	through dense under growth; Artemesia and Oak brush and scattering Aspen timber.
17.50	Trachyte ledges 4 ft. high.
40.00	Set a trachyte stone 20 x 12 x 6 ins. 15 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face, raised a mound of stone, 3 ft. base 2 ft. high. W. of cor. Pits impracticable.
	Along E. slope of mountain
43.60	Foot of trachyte cliffs, 50 ft. high, bear E. and W.
44.50	Top of cliffs, leave cliffs bear E. and W.
45.00	Begin descending, enter heavy pine and aspen timber.
53.00	Leave heavy timber, enter scattering timber
80.00	Set a trachyte stone 24 x 12 x 8 ins. 18 ins. in the ground for cor. of secs. 29, 30, 31 and 32. marked with 5 notches on the E. and 1 notch on the S. face. raised a mound of stone 3 ft. base, 2 ft. high. W. of cor. Pits impracticable.
	Land, mountainous.
	Soil stony 4th rate.
	Timber, pine and aspen.
	Dense undergrowth.
	Mountainous land, 80.00 chs.
	E. on a random line bet. secs. 29 and 32.
40.00	Set temp. 1/4 sec. cor.
80.06	Intersect N. and S. line 5 lks. S. of Cor. of secs. 28, 29, 32 and 33.
	Thence W. upon S. 89° 58' W. on a true line bet. secs. 29 and 32.
	Ascending E. slope of mountain through Pine and Aspen timber.

Subdivision of T. 25 S., R. 1 W. - Continued.

Chains	
17.00	Top of spur projects S. E.
40.03	Set a trachyte stone 30 x 10 x 6 ins. 23 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, raised a mound of stone 3 ft. base, 2 ft. high N. of cor.
	Pits impracticable.
42.80	Trachyte ledges. leave timber.
46.00	Slide rock.
46.50	Trachyte ledges.
48.00	Trachyte Cliff, 25 ft. high bear N. and S.
51.00	Trachyte cliffs 40 ft. high bear N. and S.
55.00	Trachyte cliffs 25 ft. high bear N. and S.
60.30	Trachyte cliffs 20 ft. high bear N. and S.
61.00	Leave cliffs and ledges. enter pine and aspen timber.
80.06	The cor. of Secs. 29, 30, 31 and 32.
	Land, mountainous
	Soil, stony 4th rate.
	Timber, pine and aspen.
	June 5th; at this cor. we set off 22°39' N on decl. arc; and at 11h 58m a.m. l. mt., observe the sun on the meridian; the resulting lat. is 38°37' N
	Mountainous land. 80.06 chs
	W. on a random line bet. secs 30 and 31.
40.00	Set temp. 1/4 sec. cor.
80.44	Intersect W. bdy of T. 1 lk. N. of the cor. of Secs 25, 30, 31 and 36.
	Set by us June 2nd
	Thence we run
	E. on a true line bet. secs. 30 and 31.
	Ascending W. slope of mountain through heavy pine and aspen timber
44.0	Top of rocky knole and mountain bears N. and S.

Subdivision of T. 25 S., R. 1 W. – Continued.

Chains	
	Begin descending.
40.44	Set a trachyte stone 20 x 12 x 10 ins. 15 ins in the ground for 1/4 sec. cor. marked 1/4 on N. face raised a mound of stone 3 ft. base, 2 ft. high N. of cor.
	Pits impracticable.
80.44	The cor. of secs. 29, 30, 31 and 32
	Land Mountainous.
	Soil, stony loam, 2nd and 4th rate.
	Timber, pine and aspen.
	Mountainous S and – 80.44 chs.
	N. 0°1' W. on a random line bet. secs. 29 and 30.
40.00	Set temp. 1/4 sec. cor.
77.54	Intersect a point N. 88°14' E. 3.45 chs. dist. from the cor. of secs. 19, 20, 29 and 30. which corresponds to retracement made June 3rd
	Therefore we establish closing cor. as follows:
	Set a trachyte stone 20 x 8 x 6 ins. 15 ins. in the ground for cor. of fracl. secs. 29 and 30. marked C.C. on S. [illegible] face, with 5 groves on the E. and 2 groves on the S faces. raised a mound of stone 3 ft. base, 2 ft. high S. of cor. Pits impracticable. We destroy marks on old cor. pertaining to secs. 29 and 30
	Thence we run
	S. 0°1' E. on a true line bet. secs. 29 and 30.
	Ascending over rolling land along N. and W. slope of the Mountain, through heavy pine and aspen timber.
32.50	Wood road, bears N. 30° W. and S. 30° E.
37.54	Set a trachyte stone 20 x 10 x 6 ins. 15 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. face, raised a

Subdivision of T. 25 S., R. 1 W. - Continued.

Chains.	
	mound of stone 3 ft. base, 2 ft. high. N. of cor. Pits impracticable.
48.50	Top of spur projects N.E.
54.50	Trachyte cliffs 15 ft. bears N.E. and S.W.
61.50	Dry run, and wood road bears N.E. and S.W. ascend.
77.54	The cor. of secs. 29, 30, 31 and 32.
	Land, Mountainous.
	Soil, stony loam, 3rd rate.
	Timber aspen and pine.
	Mountainous land. 77.54 chs.
	From the cor. of secs. 19 and 20
	We run E. on a random line bet. secs. 20 and 29.
36.40	N. 1.13 chs. dist. we find the W.C. which is a trachyte stone 24 x 12 x 8 ins. set on a ledge of rock. at the brink of Box Cañon. The course of this line is therefore, N. 88° 14' E.
	We extend this line.
40.	Set trachyte stone 16 x 12 x 6 ins. 11 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face. raised a mound of stone 3 ft. base, 2 ft. high N. of cor. Pits impracticable.
	No bearing trees available.
	Thence We run E. on a random line.
83.58	Intersect N. and S. line 1.24 chs. S. 0° 01' E. the cor. of secs. 20, 21, 28 and 29.
	Where we establish a closing cor. for secs. 20 and 29. as follows:
	Set a trachyte stone 15 x 10 x 5 ins. 10 ins. in the ground for cor. of fract. secs. 20 and 29. Marked C.C. on the W. with 4 groves on the E. and 2 groves on the S. faces, raised a mound of stone 3 ft. base 2 ft. high N. of cor. Pits impracticable. We destroy marks on previously established cor. pertaining to secs. 20 and 29.
	Thence We run W. on a true line bet. secs. 20 and 29.

Subdivision of T. 25 S., R. 1 W. - Continued.

chains.	
	Descending through aspen timber.
15.00	Bottom of ravine, 20 ft. deep, bears S begin Ascending.
39.00	Top of ridge, 200 ft. above cor. bears S. E. and N. W. descend.
43.58	The 1/4 sec. cor. set by us. Thence we run. S. 88°14' W.
44.00	Bottom of Box cañon. 150 ft. deep. bears S. E. heads 6 chs. N. W. begin ascending.
47.18	Top of box cañon. and N. E.
47.50	Leave timber, enter rolling land.
65.00	Enter heavy aspen and scattering pine timber
80.13	The C. C. for secs. 29 and 30. set by us. this day.
83.58	The cor. of secs. 19 and 20.
36-50 / 47 58	Land mountainous. Soil, stony loam, 2nd and 4th rate. Timber, heavy aspen and pine. Mountainous land. 83.58 chs. June 5th 1897.

General Discription.

This portion of the township is entirely mountainous. Sec. 31 contains the two highest peaks, from which the land slopes North and East and is very broken.

The township is poorly watered. Much young timber is found in the ravines and central portion of the township; the largest and best timber having been cut. Aspen, pine and cedar.

General Description

The entire township is good grazing land.

There are no settlers.

On account of the unreliability of the magnetic needle we suspect there are large bodies of magnetic iron ore. No surface indications.

Hubert D. Page.
George C. Swan
U.S. Deputy Surveyor.

Final Oaths of Deputy Surveyors and their Assistants.

LIST OF NAMES.

A list of the names of the individuals employed by _____

_____, United States Deputy Surveyor, to assist in running, measuring, and

arking the lines and corners described in the foregoing field notes of the survey of _____

_____

owing 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

se parts or portions of the _____

_____

_____

_____ of the _____ base

l _____ meridian, _____ of _____, which are represented

the 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.*

_____

oscribed and sworn to before me this _____

day of _____, 189 .

_____

SEAL

_____

Final Oath of United States Deputy Surveyor.

I, ..., United States Deputy Surveyor, do solemnly swear that, in pursuance of instructions 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 ..... base and ..... meridian, in the ..... of ....., which are represented in the foregoing field notes as having been surveyed by me, and under my directions; 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 *true* 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 ....., United States Deputy Surveyor, and sworn to before me this ..... day of ....., 189 .

SEAL

APPROVAL.

Office of the United States Surveyor General,

Salt Lake City, Utah, May 26th, 1899.

The foregoing field notes of the survey of the Subdivision of Township 25 South Range 1 West of the Salt Lake Base and Meridian, Utah

..... executed by Hubert D Page and George C Swan under ~~his~~ their Contract No. 209, dated December 26, 1896, having been critically examined, the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

Jacob B Ca
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.

4—679.

III

BOOK A-279

Location

FIELD NOTES

Relocation

OF THE ~~SURVEY~~ OF THE

Subdivision

of

Township No. 25 South,

Range No 1 West.

Of the Salt Lake base and Meridian,

In the State of Utah

AS SURVEYED BY

Hubert D Page and George C Swan, United States Deputy Surveyors,

New

Under his Contract No. 209, dated December 26th, 1896

Relocation

Survey commenced May 20th 1901

Relocation

Survey completed May 20th 1901

6—151

BOOK A-279

NAMES AND DUTIES OF ASSISTANTS.

William O. Walquist Chainman
Jay Morrison "
Ernest H. Anderson Moundman
Ernest H. Anderson Aiman
Harry Lane flagman

6—151

Volume
#
R0279

BOOK A-279

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 O. Walquist and Jay Morrison 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~~ retracement of Subdivision of T. 2 S., R. 1 W. of the Salt Lake base and Meridian, State of Utah

William O Walquist, Chainman.

Jay Morrison, Chainman.

Subscribed and sworn to before me this 14th day of May, 1901

Hubert D. Page
U.S. Deputy Surveyor

SEAL

We, I Ernest H Anderson and ____ do solemnly swear that we will well and truly perform the duties of a moundmen in the establishment of corners, according to the instructions given me, to the best of my skill and ability, in the ~~survey~~ retracement of Subdivision of T. 2 S., R. 1 W. of the Salt Lake base and Meridian, State of Utah

Ernest H. Anderson, Moundman.

____, Moundman.

Subscribed and sworn to before me this 14th day of May, 1901

Hubert D. Page
U.S. Deputy Surveyor

SEAL

We, I Ernest H Anderson and ____ 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 me, to the best of my skill and ability, in the ~~survey~~ retracement of Subdivision of T. 2 S., R. 1 W., of the Salt Lake base and Meridian, State of Utah

Ernest H. Anderson, Axman.

____, Axman.

Subscribed and sworn to before me this 14th day of May, 1901

Hubert D. Page
U.S. Deputy Surveyor

SEAL

I, Harry Lane, do solemnly swear that I will well and trul perform the duties of flagman according to instructions given me, to the best of my skill and ability, in th ~~survey~~ retracement of Subdivision of T. 2 S., R. 1 W., of the Salt Lake base and Meridian, State of Ut

Harry Lane, Flagman.

Subscribed and sworn to before me this 14th day of May, 1901

Hubert D. Page
U.S. Deputy Surveyor

SEAL

6—151

Subdivision of T. 25 S. R. 1 W.

Chains

Survey Commenced May 20th 1901 and executed with the instrument described in book I of this survey.

We know from recent observation made May 14 and 15 at the cor. of secs. 10, 11, 14 and 15. T. 24 S., R. 2 W. and recorded in book I of this survey, that the instrument is in adjustment.

At 8 A. M. l. m. t., at the ¼ sec. cor. bet. secs. 7 and 8, which is a trachyte stone 17 x 15 x 9 ins. above the ground, firmly set, marked and witnessed by the surveyor general.

We set off 38°39' N. on the lat. arc: 19°56 N on the decl. arc: and determine a true meridian with the solar.

Thence we run South, bet. secs. 7 and 8.

Descend thro scattering aspen timber.

25.50 Dry run, drains, N. E.

Ascend.

40.03 Intersect Cor. of secs. 7, 8, 17 and 18 reëstablished by us see book B

We find traces of an old blazed line at this point, running N. S. E. and W.

Chains

Land mountainous
Soil Stony 3rd Rate
Timber aspen.

From the ¼ sec. cor. bet. secs. 7 and 18, which is a trachyte stone 10 x 8 x 6 ins. above the ground, firmly set, marked and witnessed as described by the Surveyor general.
We run, east bet. secs. 7 and 18.
Ascend thro dense artimesia
13.50 Top of ridge, bears H. W. & S. E. descend.
21.00 Dry run, drains H. E. Ascend.
23.20 Stake and rider fence, bears H. and S.
30.00 Enter scattering aspen timber.
40.00 Intersect cor. of secs. 7, 8 & 17 18. reëstablished, by us See book B.
We mark bearing trees as follows:
An aspen, 8 ins. diam. bears H. 22° E. 23 lks. dist. marked T. 25 S. R. 1 W. S. 8. B. T.
An aspen, 6 ins. diam. bears S. 34° E. 14 lks. dist. marked T. 25 S. R. 1 W., S. 17 B. T.
An aspen, 4 ins. diam. bears S. 47° W. 6 lks. dist. marked T. 25 S. R. 1 W., S. 18 B. T.
An aspen, 6 ins. diam. bears H. 6° W. 12 lks. dist. marked

Subdivision of T. 25 S. R. 1 W. Continued

Chains

T. 25 S. R. 1 W. S. 7. B. T.
Land rolling
Soil Stony 3rd Rate
Timber Aspen

For general description see book B.

George E. Swan.
Hubert D. Page Jr.
U.S. Deputy Surveyors

There being no notary public or other officer authorized to administer oaths within reasonable distance either at the beginning or ending of resurvey, in order to save time and expense, I administer the preliminary and final oaths myself.

Hubert D. Page Jr.
U.S. Deputy Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page & George C. Swan, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the ~~survey~~ retracement of the Subdivision of T. 2 S., R. 1 W. of the Salt Lake Base and Meridian, State of Utah, showing the respective capacities in which they acted:

William O. Halquist, Chainman.
Jay Morrison, Chainman.
Ernest H. Anderson, Moundman.
, Moundman.
Ernest H. Anderson, Axman.
, Axman.
Harry Lane, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page & George C. Swan, United States Deputy Surveyor, in ~~surveying~~ retracing all those parts or portions of the Subdivision of T. 2 S., R. 1 W.

of the Salt Lake base and meridian, State of Utah, which are represented in the foregoing field notes as having been ~~surveyed~~ retraced by ~~him~~ them and under ~~his~~ their direction; and that said ~~survey~~ retracement 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 Utah

William O. Halquist, Chainman.
Jay Morrison, Chainman.
Ernest H. Anderson, Moundman.
, Moundman.
Ernest H. Anderson, Axman.
, Axman.
Harry Lane, Flagman.

Subscribed and sworn to before me this 25th day of May, 1891.

SEAL

Hubert D. Page
U.S. Deputy Surveyor.

8—181

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Hubert D Page and George L Swaan, United States Deputy Surveyors, solemnly swear that, in pursuance of a contract received from George W Bacon, United States Surveyor General for the District of Utah, bearing date of the 26th day of December, 1896, 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 District of Utah, the Manual of Surveying Instructions, and the laws of the United States, ~~surveyed~~ retraced all those parts or portions of the subdivisional lines of Township 25 South Range 1 West

of the Salt Lake Base and meridian, in the State of Utah, which are represented in the foregoing field notes as having been ~~surveyed~~ retraced 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 the District of Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such ~~survey~~ retracement; 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.

Hubert D Page. George L Swaan
United States Deputy Surveyors

Subscribed by said Hubert D Page and George L Swaan, and sworn to before me this 5th day of December 1900, 189

Edward M Anderson
U S Surveyor General
for Utah

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City Utah December 7 1900, 189

The foregoing field notes of the ~~survey~~ retracement of the subdivisional lines of Township 25 South Range 1 West of the Salt Lake Base and Meridian, Utah

executed by Hubert D Page and George L Swaan under his contract No. 209, dated December 26, 1896 having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ~~surveys~~ retracements they describe, are hereby approved.

Edward M 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 Genera

6—151

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BOOK A-279

FIELD NOTES

OF THE SURVEY OF

The

5th Standard Parallel South,

through

Ranges No. 2 and 3 West.

Of the Salt Lake Base and Meridian,

In the State of Utah.

AS SURVEYED BY

Hubert D. Page and George C. Swan, United States Deputy Surveyors

Under ~~his~~ their Contract No. 209, dated December 26th, 1896.

Survey commenced June 6th, 1897.

Survey completed July 3rd, 1897.

(1319—2,500.)

Standard (high) m. cho. lks.
5 - 09 - 28 ✓
2 West — 3 - 09 - 28
3 West — 2 —

Names and Duties of Assistants.

James M. Lentz.	Chainman.
James Holdaway.	Chainman.
Douglas A. Swan Jr.	Chainman.
Owen A. Smoot Jr.	Chainman.
James M Lentz	Moundman.
James Holdaway	Moundman.
Samuel Meacham	Axman.
Charles A. Eames	Flagman.
Charles A. Eames	Axman.

BOOK A-279

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, James M. Lentz, James Holdaway and Douglas A. Swan and Owen A. Smoot do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins either by sticking or dropping the same; that we will report the true distance 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 Fifth Standard Parallel South through Ranges Nos. 2 and 3 West of the Salt Lake Base & Meridian, Utah

James M. Lentz, Chainman.
James Holdaway, Chainman.
Douglas A. Swan, Chainman.
Owen A. Smoot, Chainman.

Subscribed and sworn to before me this 31st day of May, 1897.

SEAL

George D. Swan
U.S. Deputy Surveyor

We, James M. Lentz and James Holdaway 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 the Fifth Standard Parallel South through Ranges Nos. 2 and 3 West of the Salt Lake Base & Meridian, Utah

James M. Lentz, Moundman.
James Holdaway, Moundman.

Subscribed and sworn to before me this 31st day of May, 1897.

SEAL

George D. Swan
U.S. Deputy Surveyor

We, Samuel Meacham and Charles A. Cramer 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 Fifth Standard Parallel South through Ranges Nos. 2 and 3 West of the Salt Lake Base & Meridian, Utah

Samuel Meacham, Axman.
Charles A. Cramer, Axman.

Subscribed and sworn to before me this 31st day of May, 1897.

SEAL

George D. Swan
U.S. Deputy Surveyor

I, Charles A. Cramer, 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 Fifth Standard Parallel South through Ranges Nos. 2 and 3 West of the Salt Lake Base & Meridian, Utah

Charles A. Cramer, Flagman.

Subscribed and sworn to before me this 31st day of May, 1897.

SEAL

George D. Swan
U.S. Deputy Surveyor

South bdy. of T. 25 S., R. 2 W.

Fifth Standard Parallel South, through Range 2 West.

Survey commenced June 6th 1897.
and executed with a light mountain transit with solar attachment, No. 30. made by W. & L. E. Gurley. The horizontal limb being provided with two opposite verniers reading to 1 minute of arc, which is also the least count of the verniers of the latitude and declination arcs.

We begin at the Standard cor. of secs. 33 and 34. T. 25 S., R. 2 W. on the Fifth Standard Parallel South, Lat. 38°36' N., Lon. 119°41' W. which is a trachyte stone 8 x 13 x 6 ins. above the ground, marked and witnessed as described by the Surveyor General. Polaris for determination.

At 2 hrs. 21 m. a.m. L.M.T., We observe Polaris at Eastern elongation, in accordance with instructions in the Manual; and mark the line thus determined, by a tack driven in a wooden plug set in the ground 5 chs. North of our station.

At 7 a.m., We turn off the azimuth of Polaris 1°35' to the W., and mark the true Meridian thus determined by cutting a mark on a stone firmly set in the ground, west of the mark established this date.

At 7 hrs 30 m. a.m., L.M.T., We set off 27° 41' N. on the dec. arc; 38°36' on the Lat. arc. and determine a true meridian with the solar, which falls on the mark determined by the Polaris observation. We conclude that the adjustment of the instrument is correct.

Local attraction effects the needle and, We cannot get a satisfactory magnetic reading.

We lay off from the true Meridian, an angle of 90° from N. to W. and run

Fifth Standard parallel South through R.2 W. continued

Chains	
	West on a tangent, S. of sec. 33. Over rolling land, through aspen timber, ascend.
7.00	Leave timber.
4.00	Top of stony ridge, bears N. and S.
9.50	Branch of Monroe Creek, 2 lks. wide pure water flows S. and Bottom of ravine 75 ft. deep bears S. Enter aspen timber.
16.00	Bottom of ravine 75 ft. deep course S.
27.00	Top of mountain and ridge, bears N. and S. descend.
32.00	Enter pine timber.
33.50	Ledges, trachyte bear N.E. and S.W.
38.00	Ledges, trachyte bear N.E. and S.W. Difference between measurement of 40.00 chs. by two set of chainmen, is 3 lks. position of the middle point. By 1st set, 40.015 chs. By 2nd set, 39.985 chs.; the mean of which is
40.00	N. 0.13 ft. from the tangent. Set a Trachyte stone 18 x 12 x 6 ins. 12 ins. in the ground, for standard 1/4 sec. cor. Marked S.C. 1/4 on N. face, and raised a mound of stone 3 ft. base, 2 ft. high. N. of Cor. Pits impracticable.
47.00	Ledges trachyte bear N.E. and S.W.
53.00	Head of ravine course N.
56.00	Ledges trachyte bear N.E. and S.W. Difference between measurement of 80.00 chs., by two set of chainmen, is 5 lks.; position of middle point. By 1st set, 79.975 chs. By 2nd set, 80.025 chs.; the mean of which is
80.00	N. 0.53 ft. from the tangent. Set a trachyte stone 20 x 8 x 6 ins. 15 ins. in the ground, for standard cor. to secs. 32 and 33. Marked with

Fifth Standard parallel South through R. 22 W.—Continued

Chains.	
	I. S. C. on the N. 4 grooves on the E. and 2 grooves on the W. faces. raised a mound of stone 3 ft. base, 2 ft. high. N. of cor. Pits impracticable. Land, mountainous. Soil, stony. 4th rate. Timber, pine and aspen. Mountainous land, 80.00 chs.
	S. 89° 59' W. on the tangent, S. of sec. 32. Descending along N. slope of mountain, through scattering pine, aspen, and mahogany timber.
9.00	Dry wash, course N. W.
18.00	Trachyte ledges bear N. E. and S. W.
35.10	Branch of Monroe Creek 4 lks. wide pure water flows S. 60° W. and Bottom of Canon 1000 ft. deep. Leave pine and aspen Enter dense juniper and oak brush. ascend.
	Difference between measurement of 40.00 chs. by two set of chainmen is 8 lks. position of middle point. By 1st set. 40.04 chs. By 2nd set. 39.96 chs.; the mean of which is
40.00	N. 1.2 ft. from the tangent; Set a trachyte stone 10 x 10 x 6 ins. 15 ins. in the ground, for 1 Standard 1/4 sec. cor. Marked S. C. 1/4 on W. face raised a mound of stone 3 ft. base, 2 ft. high N. of cor. Pits impracticable.
54.90	Dry wash, course S. 75° W. Difference between measurements of 80.00 chs. by two set of chainmen is 5 lks. position of middle point. By 1st set 79.975 chs. By 2nd set 80.025 chs.; the mean of

Fifth Standard Parallel South, through R. 2 W. - Continued

Chains	
	which is
20.00	N. 213 ft. from the tangent,
	Set a trachyte stone 12 x 9 x 5 ins.
	8 ins. in the ground for Standard
	Cor. to sec. 31 and 32.
	Marked S. C. on the N. 5 groves
	on the E. and 1 grove on the W.
	faces raised a mound of stone
	2 ft. base, 1½ ft. high. N. of Cor.
	Pits impracticable.
	Land, mountainous
	Soil, stony; 4th rate.
	Timber, scattering pine, aspen and
	mahogany.
	Mountainous land. 80.00 chs.
	Note; Cloud obscures the sun
	could take no observation for lat.
	S. 89°58' W. on the tangent S. of sec. 31.
	Ascending through dense under
	brush, juniper and oak.
34.00	Bottom of ravine, 75 ft. deep. bears
	S.E. and N.W. drains S.E.
	Difference between measurements
	of 37.50 chs; by two set of chain-
	men is 8 lks.; position of middle point.
	By 1st set. 37.54 chs.
	By 2nd set 37.46 chs.; the mean of
	which is
37.50	N. 330 ft. from the tangent.
	On spur, projects S.E. at the
	top of impassible perpendicular
	cliffs 1000 ft. high, bear N.W. and
	S.E. Placed a mahogany pole 8 ft.
	high, 5 ins. in diam. in mound
	of stone.
	And marked a projecting stone W.C.S.C.
	1/4 on N. face raised mound of stone 2 ft base 2 ft high N. of Cor.
	To pass the cliffs W's offset as
	follows:
	N. along E. slope of ridge.

Fifth Standard Parallel South, through R. 2 W.

Chains.	
	Difference between measurements of 22.50 chs. by two set of chainmen is 4 lks.; position of middle point. By 1st set 22.48 chs. By 2nd set 22.52 chs.; the mean of which is 22.50 chs. Thence W. 4.50 chs. Top of ridge bears N.E. 2 and widens out S. 3 and W. Difference between measurements of 42.50 chs. by two set of chainmen is 6 lks. position of middle point By 1st set 42.53 chs. By 2nd set 42.47 chs. the mean of which is 42.50 + 37.50 equals
80.00	The point for standard T. cor. to T. 25 S., Rs. 2 and 3 W. falls in impassable place in Monroe Cañon, therefore we set temp. Witness Corner. June 6th 1897
	June 9th We obliterate temp Witness Cor. Thence we run W. by two set of chainmen and at
89.28	Intersect Witness Cor. to standard cor. of T. 25 S., Rs 2 and 3 W as established in the W. bdy. of T. 25 S., R. 2 W. See book "D." Land, mountainous. Soil, stone 4th rate. No timber. Mountainous land and dense undergrowth 89.28 chs. June 9th 1897.

For general discription see Subdivisions of T. 25 S., R 2 W.

Hubert D. Page
George C. Swan
U.S. Deputy Surveyor

Fifth Standard Parallel South, through R. 3 W.

Chains.

Survey commenced July 2nd 1897
and executed with the instrument
described in book "A" and "B"
At the Standard cor. of sec. 34 and 35 S.
bdy. T. 7 S., R. 3 W., on the Fifth standard
parallel South. Lat. 38°36' N., long. 117°09
W., which is a trachyte stone 7 x 11 x 9
ins. above ground. Marked and
witnessed as described by the Surveyor
General. Too late for P.M. observation.
At 0 hrs. 38 m. a.m., l.m.t., We observe
Polaris at eastern elongation in accord-
ance with manual of instructions, and
mark the line thus determined by a
tack driven in a plug set firmly in
the ground 5 chs. N. of the cor.
At 6 h. 30 m. a.m., l.m.t., We turn off the
azimuth of Polaris. 1°35' to the W. and
mark the True Meridian thus deter-
mined by a tack driven in a stake
firmly set in the ground west of the
mark established this day.
At 7 a.m., l.m.t., We set off 38°36' on the
lat. arc; 22°56" N. on dec. arc; and de-
termine a true meridian with the
solar, which falls on the mark set
on the true meridian determined by
Polaris observation; We conclude that
the adjustment of the instruments
are correct.
Local attraction effects the needle
and We cannot get a satisfactory
magnetic reading.
We lay off from the true Meridian
an Angle of 90° from North to East and
run E. on a random line along the
S. bdy of Sec. 35.
Difference between measurements of
40.00 chs. by two set of chainmen is
4 lks. position of middle point
By 1st set 40.02 chs.
By 2nd set 39.98 chs.; the mean of—

which is.

40.00 N. 0.13 ft. from the tangent
Set temp. 1/4 sec. cor.
Difference between measurements of 80.00 chs. by two set of chainmen is 6 lks. position of middle point
By 1st set 80.03 chs.
By 2nd set 79.97 chs. the mean of which is

80.00 N. 0.53 ft. from the tangent
Set temp. sec. cor.
S. 89° 59' E. on the tangent, along S. bdy of sec. 36.
Difference between measurement of 40.00 chs. by two set of chainmen is 4 lks.; position of middle point
By 1st set 40.02 chs.
By 2nd set 39.98 chs. the mean of which is.

40.00 N. 1.20 ft. from the tangent
Set temps. 1/4 sec. cor.
Difference between measurement of 70.51 chs. by two set of chainmen is 4 lks; position of middle point.
By 1st set 70.53 chs.
By 2nd set 70.49 chs. the mean of which is

70.51 N. 2.00 ft. from the tangent
near top of N. edge of Cañon 1,000 ft. deep. point for cor. falls on slide rock.
Set temp. Witness cor.
To determine the distance across the cañon to a flag set 51.78 chs. E. of the point for Stand. cor. to T. 25 S. R. 2 W. on the 5th Stand. parallel S. which is N. 49° 28' E.
then measure a base line N. 19° 28' W. 41.00 chs. to a point, whence the flag bears N. 79° 37' E. From the flag the S. end of the base bears S. 49° 28' W.
Therefore the angles taken in order

of measurement are respectively 68°56', 80°55' and 30°09'; their sum being 180°
We compute the distance across the Canon as follows;
Sin 80°55' × 41 or 9875 × 41 = 80.61 chs
Sin 30°09' 5023
The bearing of the flag from the W.C. is N 49°28' E and the dist. 80.61 chs this is equal to a difference in lat. of 52.39 chs. and a diffrence in departure of 61.27 chs. Subtracting 51.78 chs. which is the dist. of the flag E. of the rangeline gives us the dist that the rangeline is E. of the W.C. on the Standard line which is 9.49 chs.

80.00. Standard Cor. of T.25S, R.3W. falls in slide rock and is not set, and point for stone is 52.39 chs S. of the point for Standard Cor. of T.25S, R.2W. Therefore at 70.51 chs. We establish permanent W. Cor. for Standard Cor. to T.25S, R.3W. as follows;
Set a trachyte stone 14 × 12 × 10 ins. 10 ins. in the ground for W.C. Stand. Cor. of T.25S. R.3W.
Marked S.C. on the N. with 25 S. and 6 grooves on N. R.3W. with 6 grooves on the W. and W.C. on N. faces.
raised a mound of stone 3 ft. base, 2 ft. high W. of Cor.
Pits impracticable.
At this cor. we set off 22°55' N. on decl. arc; and at 12 h. 3 m. p.m. l.m.t. observe the sun on the meridian the resulting lat is 38°35'+
Thence We run
W. on a true line along the S. bdy. of Sec. 36.

9.49 Witness cor. for Standard cor. to T.25S, R.3W.
Descend over rolling land, through dense sage brush.

34.49 Top of steep descent over sandstone ledges and Cliffs 1000 ft. high bear W. and S.
Difference between measurements of 40.00 chs; by two set of chainmen 4 lks. position of middle point

Fifth Standard Parallel South through R. 3 W.—Continued

Chains.	
	By 1st set 40.02 chs.
	By 2nd set 39.98 chs.; the mean of which is
40.00	Set a sandstone 18 x 8 x 8 ins. 12 ins. in the ground for standard ¼ sec. cor. marked S.C. ¼ on N. face, raised a mound of stone 2 ft. base, 1½ ft. high N. of Cor. Pits impracticable.
56.19	Bottom of ravine and cliffs 1000 ft. deep. Course N 10° W. and S branch of Monroe Creek. 5 lks. wide, pure water flows N. 10° W. ascend.
71.99	Top of ridge, bears N. and S.
	Drag road, bears N. and S.
	Difference between measurements of 80.00 chs. by two set 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 trachyte stone 18 x 15 x 10 ins. 12 ins in the ground for standard cor. of secs. 35 and 36. Marked S.C. on N. with 1 groove on E. and 3 Grooves on the W. faces raised a mound of stone 2 ft. base 1½ ft. high: N. of Cor. Pits impracticable. Land mountainous Soil, stony 4th rate. No timber. Mountainous land 80.00 chs.

July 3rd

July 4th; At 7 a.m. L.m.t., W.E. set off 38°36' on lat. arc; 22°51½' N. on dec. arc; and determine a true meridian with the solar, at the standard cor. of secs. 35 and 36.

Thence W.E. run.

Fifth Standard Parallel South, through R. 3 W.— continued

	N. along the E. bdy. of sec. 35. Over rolling land; through dense sage brush.
1.80	Spring branch drains N. into basin 1 lks. wide, fresh water flows N.
	Ascend along N.E. slope of mountain
	Difference between measurement of 40.00 chs. by two set of chainmen is 4 lks. position of middle point.
	By 1st set 40.02 chs.
	By 2nd set 39.98 chs. the mean of which is
40.00	Set a trachyte stone 12 x 10 x 8 ins. 8 ins. in the ground for standard 1/4 sec. cor. marked S.C. 1/4 on N. face.
	raised a mound of stone 2 ft. base, 1 1/2 ft. high. N. of cor.
	Pits impracticable.
46.00	Cross saddle and pass on to S. slope of ridge. enter scattering pine and cedar.
60.00	Top of ridge 600 ft. above sec. cor. bears N. and S.
	Difference between measurement of 80.00 chs. by two set of chainmen is 6 lks.; position of middle point.
	By 1st set 80.03 chs.
	By 2nd set 79.97 chs; the mean of which is
80.00	The standard cor. of secs. 34 and 35. S. bdy. T. 25 S. R. 3 W.
	Land, mountainous
	Soil, stony 4th rate
	Timber: cedar and pine.
	Mountainous land 80.00 chs.

July 4th 1897.

For general description see subdivisions of T. 25 S. R. 3 W.

Gilbert D. Page
George H. Doran
U.S. Deputy Surveyors

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Final Oaths of Deputy Surveyors and their Assistants.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page and George C. Swan, 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 The Fifth Standard Parallel South through Ranges Nos 2 and 3 West of the Salt Lake Base & Meridian, Utah showing the respective capacities in which they acted:

James M. Lentz, James Holdaway, Chainman.
Douglas A. Swan Jr. Owen A. Smoot Jr., Chainman.
James M. Lentz, Moundman.
James Holdaway, Moundman.
, Axman.
Charles A. Cramer, Axman.
Charles A. Cramer, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and George C. Swan, United States Deputy Surveyor, in surveying all those parts or portions of the Fifth Standard Parallel South through Ranges Nos. 2 and 3 West.

of the Salt Lake base and meridian, In the State of Utah, 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 Utah.

James M. Lentz, James Holdaway, Chainman.
Douglas A. Swan Jr. Owen A. Smoot, Chainman.
James M. Lentz, Moundman.
James Holdaway, Moundman.
Samuel Meehan, Axman.
Charles A. Cramer, Axman.
Charles A. Cramer, Flagman.

Subscribed and sworn to before me this 18th day of October, 1897.

Hubert D. Page
U.S. Deputy Surveyor

SEAL

Final Oath of United States Deputy Surveyor.

I, ..., United States Deputy Surveyor, [illegible] solemnly swear that, in pursuance of instructions 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 ..... ba[illegible] and ..... meridian, in the ..... of ....., which are represented in th[illegible] foregoing field notes as having been surveyed by me, and under my directions; and I do further solemn[illegible] swear that all the corners of said survey have been established and perpetuated in strict accordance with th[illegible] Manual of Surveying Instructions, and the special written instructions of the United States Survey[illegible] General for ..... and in the specific manner described in the field notes, and th[illegible] the foregoing are the *true* field notes of such survey; and should any fraud be detected, I will suffer th[illegible] penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....
United States Deputy Survey[illegible]

Subscribed by said ....., United States Deputy Surveyor,
and sworn to before me this ..... day of ....., 189 .

SEAL

.....

.....

APPROVAL.

Office of the United States Surveyor General,

Salt Lake City, Utah May 26th, 1899.

The foregoing field notes of the survey of the 5th Standard Parallel South through Ranges 2 & 3 West of the Salt Lake Base & Meridian, Utah

..... executed [illegible]

Herbert D Page & George C Swan

under ~~his~~ their Contract No. 209, dated December 26, 1896, having be[illegible] critically examined, the necessary corrections and explanations made, the said field notes, and the surv[illegible] they describe, are hereby approved.

Jacob B Bl[illegible]
United States Surveyor Genera[illegible]

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

.....
United States Surveyor General.

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(4—679.)

K.F.B

BOOK A-279

FIELD NOTES

K.F.B.

OF THE SURVEY OF

The

North and West boundaries

of

Township No. 25 South.

Range No. 2 West

Of the Salt Lake Base and Meridian,

In the State of Utah.

AS SURVEYED BY

Hubert D Page and George C. Swan, United States Deputy Surveyors

Under ~~his~~ their Contract No. 209, dated December 26th, 1896.

Survey commenced June 8th, 1897.

Survey completed June 24th, 1897

(1319—2,500.)

	m. chs. lks.
W. Bdy high	3-77-07 ✓
" closing	42-30 ✓
W. Bdy high	5-33-50 ✓

BOOK A-279

Names and Duties of Assistants.

James M. Lentz, chainman.
James Holdaway, chainman.
Douglas A. Swan Jr. chainman.
Owen A. Smoot Jr. chainman.
James M. Lentz, moundman.
James Holdaway, moundman.
Samuel Mecham Axman Charles A. Camer Flagman and Axman

For preliminary affidavit see book "A".

Volume
#
R0279

BOOK A-279

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 the chain upon even and uneven ground, and plumb the tally pins either by sticking or dropping the same; that we will report the true distance 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 corner and other duties, according to instructions given us, to the best of our skill and ability, in the survey

_____

_____, *Axman*

_____, *Axman*

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 _____

_____, *Flagman*

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

SEAL

_____

_____

North boundary of T. 25 S., R. 2 W.

Survey commenced June 8th 1897. and executed with the instrument described in book A and B.

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 established corner of secs. 2. 3. 34 and 35: on the N. bdy. of T. 25 S., R. 2 W., Lat. 38° 41' N., Long. 112° 03' W., at 4hr 30m p.m. l.m.t., We set off 22° 57' N. on the decl. arc: 38° 41' N. on the lat. arc: and determine with the solar a true meridian: and mark a point thereof with a tack driven in a stake firmly set in the ground 5 chs N. of the cor.

June 8th 1897.

June 9. 1897.

At 2hr 13m a.m. l.m.t., We observe Polaris at eastern elongation in accordance with the Manual of Instructions, and mark a point on the line thus determined on a stake set firmly in the ground 5 chs. N. of our station.

At 7 a.m. l.m.t., We lay off the azimuth of Polaris 1° 35' to the west, the True Meridian thus determined falls on the mark determined by p.m. solar observations. June 8th

At 7hr 30m a.m. l.m.t., We set off 38° 41' N. on the lat. arc: 23° 01' N. on the decl. arc: and determine a true meridian with the solar which falls on the mark set on the true meridian established by Polaris observations.

The solar apparatus by p.m. and a.m. observations defines position of the True Meridian established by Polaris observations. Therefore We conclude

North boundary of T. 25 S., R 2 W. continued.

the adjustments of the instrument are satisfactory.
Owing to local attractions we cannot get satisfactory magnetic readings.

From the sec. cor. already described, we run West on a random line along the N. bdy. of T. 25 S., R. 2 W., setting temp. 1/4 sec. and sec. cors. at intervals of 40.00 chs. and at 317.07 chs. intersect N. and S. line 42.30 chs. N. of the established cor. of Tps. 24 and 25 S., Rs. 2 and 3 W.,
Set a temp. closing corner.
The falling is beyond the limits prescribed by the Manual of Instructions therefore we proceed to retrace. For notes of which see subdivisions of this Tp.
June 9th 1897.

June 23rd 1897. Having proven the correctness of our work, we establish our random line as a permanant line and establish the temp. cor. as a permanant cor. as follows:
Set a trachyte stone 18 x 12 x 10 ins., 12 ins. in the ground for closing cor. of Tps. 24 and 25 S., R 2 W., marked C. C. on E. with 6 grooves on N. S. and E. faces, and raise a mound of stone 2 ft. base, 1 1/2 ft. high, E. of cor.
Pits impracticable. We obliterate marks on old cor. referring to R. 2 W.
June 23rd 1897.

June 24th 1897. At 7 a.m. l.m.t., we set off 38°41' N. on the lat. arc: 23°26' N. on the decl. arc: and determine a true meridian with the solar at the above described cor.
Thence we run, E. bet. secs. 6 and 31 placing fractional dist. in Western 1/2 mile. Retracements showing the S. bdy. of Tp. 24 S. R 2 W. to be 483.77 chs. long. Therefore we set corners for said S. Bdy. as follows [illegible] and ascend over rolling land through scattering cedars

North boundary of T. 25 S., R. 27 E.—Continued.

Chains.	
15.25	Branch 3 lks. wide in bottom of wash course N.
33.00	Top of spur projects N.
43.77	Near foot of slope.
	Set a trachyte stone 14 x 12 x 8 ins., 10 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on N. face and raise a mound of stone 2 ft. base 1 1/2 ft. high. N. of cor. Pits impracticable.
49.73	Drag road bears N. W. and S. E.
61.00	Drag road bears S. W. and N. E.
66.33	Drag road bears N. W. and S. E.
73.25	Top of spur projects N. W.
83.77	Set a trachyte stone 18 x 8 x 8 ins., 12 ins. in the ground for cor. of secs. 31 and 32. Marked with 6 notches on E. and 1 notch on W. edges, and raise a mound of stone 2 ft. base 1 1/2 ft. high. N. of cor. Pits impracticable.
	Land mountainous.
	Soil stony: 4th rate.
	Timber cedar.
	Mountainous land 83.77 chs.
	E. bet. secs. 5 and 32
	Descend soil stony.
2.20	Top of cliffs 200 ft. high bears. N. and S.
3.20	Bottom of cliffs
5.50	Bottom of Norton creek cañon 200 ft. deep course N. small seepage.
	Ascend over stony land through scattering cedars.
24.35	Top of ridge bears N. 30° W. and S. 30° E.
	Descend
39.35	Bottom of cotton-wood cañon 300 ft. deep course N. 30° W. and Cotton-wood creek 3 lks. wide. ascend.
40.00	Set a trachyte stone 15 x 9 x 9 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 1 1/2 ft. high. N. of cor. Pits impracticable.
80.00	On the S. W. slope of ridge.

Chains	
	Set a trachyte stone 16 x 10 x 6 ins., 11 ins. in the ground for cor. of secs. 32 and 33. marked with 4 notches on E. and 2 notches on N. edges, and raise a mound of stone 2 ft. base, 1½ ft. high N. of cor. Pits impracticable. Land mountainous. Soil stony; 4th rate. Timber cedar scattering. Mountainous land 80.00 chs.
	June 24, 1897. At this cor. the deck off 23° 24' 30" N. on the decl. arc; and at 12 hrs 02 m p. m. l. m. t., observe the sun on the meridian, the resulting lat. is 38° 41' N.
	E. bet. secs. 4 and 33. Over rolling land through scattering cedars, soil stony. Ascend.
26.30	Top of Red butte ridge bears N. W. and S. E. Descend.
34.40	Bottom of Gulch 70 ft. deep course N. W. Ascend
40.00	Set a trachyte stone 14 x 9 x 8 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
53.30	Top of spur projects N. W.
71.25	Top of ridge bears N. 10° E. and S. 10° W.
80.00	Set a trachyte stone 17 x 9 x 9 ins., 12 ins. in the ground for cor. of secs. 33 and 34. marked with 3 notches on E. and W. edges, and raise a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable. Land mountainous. Soil stony; 4th rate. Timber cedar, scattering. Mountainous land 80.00 chs.

	to sec. secs. 3 and 34.
	Over rolling land, through scattering cedar and aspen.
7.00	Bottom of ravine 100 ft. deep course N 10° E;
28.85	Bottom of canon 800 ft. deep, course N,
	ascend along N slope of mountain,
40.00	set a trachyte stone 18×12×10 ins., 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor; Pits impracticable.
46.40	Top of ridge bears N. and S. leave cedars enter pine.
73.30	The cor. of secs. 2, 3, 34, 35, T. 25 S., R. 2 W.
	Land mountainous.
	Soil stony; 4th rate;
	Timber, cedar, aspen, and pine.
	Mountainous land 73.30 chs.
	June 24, 1897.

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West boundary of T. 25 S., R. 2 W.

Survey Commenced June 7th 1897 and executed with the instruments described in book "A".
At 7 a.m. l.m.t., We set off 22°50' N. on decl. arc; 38°36' N on lat. arc; and determine a true meridian with the solar, at the temp. witness cor. for T. 25 S., Rs. 2 and 3 W.
Thence We run
North on a random line along the W. bdy. of T. 25 S., R. 2 W.
Setting temp. 1/4 sec. and sec. cors. at intervals of 40.00 chs. and at 411.00 chs. intersect E. and W. line 9.68 chs. E. of the established cor. of Ts. 24 and 25 S., Rs. 2 and 3 W. which is a trachyte stone 6 x 12 x 9 ins. above ground, marked and witnessed as described by the Surveyor General.

At the above described cor., latitude 38°41' N., longitude 112°07' W.
At 5 h. 0 m. p.m. l.m.t., We set off on the decl. arc; 38°41' N on lat. arc; and determine a true meridian with the solar, and mark a point thereof by a tack driven in a stake set firmly in the ground 5 chs. N of the cor.

June 8th at 2 h. 17 m. a.m., l.m.t., We observe Polaris at eastern elongation in accordance with manual of instructions and mark a point in the line thus determined on a plug driven in the ground 5 chs. N of my station.
At 7 a.m. l.m.t., We lay off the azimuth of Polaris 1°35' to the West the True Meridian thus determined falls 0.3 ins. E. of the mark determined by the solar.

Chains.	
	At 7h. 30m. a.m., l. m. t., W. set off 22° 56' N. on decl. arc; 38° 24' N. on lat. arc; and mark a point in the true meridian determined with the solar, by a cross on the stone already set 5 chs. N. of my station; this mark falls 0.3 ins. east of the true meridian established by the Polaris observation.
	The solar apparatus, by p. m. and a. m. observations, defines positions for true meridians, about 0'16" W. and E. of the meridian established by the Polaris observation; therefore, W. conclude that the adjustments of the instrument are satisfactory.
	Owing to local attraction can get no satisfactory magnetic reading.
	We begin at the established cor. of T. 24 S. and T. 25 S., R. 2 and 3 W.
	Thence we run
	South on a true line along the W. bdy. of sec. 6, T. 25 S., R. 2 W., placing the fractional distance in the Northern mile.
	Over rolling land, through scattering cedar, along W. slope of mountain.
3.29	Dry wash, bears N. 45° E. dist. W.
8.29	Wood road, bears N. 45° E.
20.04	Wood road, bears N. 45° E. ascend.
24.85	Wood road, bears N. 45° E.
33.50	Set a trachyte stone 20 x 10 x 8 ins., 15 ins. in the ground for cor. of secs. 6 and 7, marked C. C. on the E. 5 grooves on the S. and 1 groove on the N. faces, raised a mound of stone 2 ft. base, 1½ ft. high E. of cor.
	Pits impracticable.
	Land, Mountainous.
	Soil, stony. 4th rate.
	Timber; Cedar.
	Mountainous land 33.50 chs.

West boundary of T. 25 S., R. 27 E. - Continued

Chains.	
	South on W. bdy. of Sec. 7.
	Over rolling land, through scattering cedars and dense sage brush.
1.53	Bottom of ravine, 50 ft. deep, course N. W.
8.50	Bottom of ravine and wash 70 ft. deep. Course W.
13.35	Bottom of ravine and wash 50 ft. deep Course N. 25° E.
35.75	Top of spur, projects W.
40.00	Set a trachyte stone 20 x 15 x 8 ins 15 ins. in the ground for 1/4 sec. Cor. marked 1/4 on E. face, raised a mound of stone 2 ft. base, 1/2 ft. high E. of Cor. Pits impracticable.
47.00	Bottom of ravine 75 ft. deep, bears N. W.
75.80	Top of Spur, projects W. 1500 ft. above sec. Cor.
80.00	Set a trachyte stone 19 x 10 x 8 ins. 15 ins. in the ground for cor. of secs. 7 and 18. marked C. C. on E. with 2 grooves on the N. and 4 grooves on the S. faces. raised a mound of stone 2 ft. base, 1 1/2 ft. high E. of Cor. Pits impracticable.
	Land, mountainous
	Soil, stony 4th rate.
	Timber, cedar
	Mountainous land, 80.00 chs.
	At this cor. We set off 22° 56' N. on decl. arc: and at 11h 58 m. a. m. L. m. t., Observe the sun on the meridian the resulting latitude is 38° 39' N.

	South on W. bdy. of Sec. 18.
	Over rolling land, through scattering cedars and sage brush W. slope of mountain
6.00	Old drag road bears S. E. and N. W.
40.00	Set a trachyte stone 15 x 10 x 6 ins. 10 ins. in the ground, for 1/4 sec. Cor. Marked 1/4 on E. face, raised a

Chains.	
	Mound of stone, 2 ft. base, 1½ ft. high E. of cor. Pits impracticable.
41.20	Top of spur, projects W.
53.79	Descend.
66.79	Ledges, bear E. and W.
76.79	Spur, projects W.
80.00	Set a trachyte stone, 8 x 8 x 8 ins. 12 ins. in the ground, for cor. of secs. 18, 19, 13, 24. marked C.C. on E. with 3 grooves, on the N. and S. faces, raised a mound of stone 2 ft. base, 1½ ft. high E. of cor. Pits impracticable. Bears W. thick a cedar 24 ins. in diam. bears S. 85° E. 20 lks. dist. marked T. 25 S. R. 2 W. Sec. 19. B.T. No other trees within proper dist.
	Land, mountainous.
	Soil, stony ... 4th rate.
	Timber, cedar
	Mountainous land, ... 80.00 Chs.

South on W. bdy. sec. 19.
Over rolling land, through scattering cedar and pinion pine, along the W. slope of mountain.

44.00	Top of trachyte ledges and cliffs, 25 ft. high, bears N.E. and S.W.
50.00	Bottom of cliffs.
114.00	Bottom of ravine 150 ft. deep, course S.W. ascend.
118.60	Top of spur, projects W.
120.00	Bottom of ravine 100 ft. deep, course W.
127.00	Top of spur, projects W.
130.50	Bottom of ravine 100 ft. deep, course W.
140.00	Set a trachyte stone 20 x 10 x 6 ins. 15 ins. in the ground, for ¼ sec. cor. marked ¼ on E. face, raised a mound of stone 2 ft. base, 1½ ft. high E. of cor. Pits impracticable.

June 8th 1897

West boundary T. 25 S., R. 2 W. Continued.

Chains.	
	June 9th at 7h 0m A.M. L.M.T., We set off 23°00'30" N. on decl. arc; 38°38'30" N on lat. arc; and determine a true meridian with the solar at the 1/4 sec. cor. to Sec. 19. W. bdy. T. 25 S., R. 2 W. Thence we run South
53.00	Top of rocky ridge. bears N.E. and S.W. descend along the E. slope of ridge.
80.00	Set a trachyte stone 20'×12×10 ins. 18 ins. in the ground, for cor. of secs. 19 and 30. Marked with C.C. on E. and 4 groves on the N. and 2 groves on the S. faces. raised a mound of stone, 2 ft. base, 1 1/2 ft. high E. of Cor. Pits impracticable. from which a pinion pine tree 24 ins. in diam. bears E. 50 lks. dist. Marked T. 25 S., R. 2 W. Sec. 19 and 30. B.T. No other tree within proper dist. Land, mountainous. Soil. stony, 4th rate. Timber: Cedar and pinion pine. Mountainous land 80.00 chs.
	South on W. bdy. of sec. 30. over rolling land, through scattering pinion pine and Cedar. descend.
22.60	Bottom of ravine 300 ft. below cor. Course S. 25° W.
30.40	North branch of Monroe Creek. 7 lks. wide pure water flows S.W. and Bottom of ravine 400 ft. below cor. course S.W.
31.20	Washed out wagon road. Now used as trail. bears S.W. and N.E. Ascend through Juniper, sage and oak brush.

West boundary of T. 25 S., R. 2 W.—Continued.

chains.	
40.00	Set a trachyte stone 20 x 8 x 8 ins., 15 ins. in the ground for 1/4 sec. cor., marked 1/4 on E. face, raised a mound of stone 2 ft. base, 1 1/2 ft. high E. of cor. Pits impracticable. From which a pine 8 ins. in diam. bears S. 45° E. 20 lks. dist., marked 1/4 S 13 T.; a cedar 12 ins. in diam. bears N. 40° E. 21 lks. dist., marked 1/4 S B. T.
41.70	Spring branch 2 lks. wide, pine woods flows W.
76.20	Top of ridge, bears N. E. and W. 700 ft. above 1/4 cor., leave cedar and pine.
80.00	Set a trachyte stone 24 x 8 x 6 ins., 18 ins. in the ground for cor. of secs. 30 and 31, marked C. C. on E. face with 5 grooves on the N. and 1 groove on the S. faces, raised a mound of stone 2 ft. base, 1 1/2 ft. high E. of cor. Pits impracticable. Land, mountainous. Soil, stony. 4th rate. Timber, cedar and pinion pine. Mountainous land, 80.00 chs. At this cor. W's set off 23° 01' N. on the decl. arc; and at 11h 59m. a. m., l. m. t., observe the sun on the meridian, the resulting lat. is 38° 37'
	South on W. bdy. of sec. 31, over rolling land, descending through cedar
17.00	Bottom of ravine 500 ft. deep, bears W. ascend
30.00	Top of ridge, bears E. and W.
40.00	Set a trachyte stone 24 x 10 x 8 ins. in a mound of rock for 1/4 sec. cor., marked 1/4 on E. face, raised a mound of stone 2 ft. base, 1 1/2 ft. high E. of cor. Pits impracticable.

West boundary of T. 25 S., R. 2 W. continued.

Chains.	
57.00	descend.
57.50	Intersect offset line from the Fifth Standard parallel south 9.68 chs. W. of the temp. witness cor. previously set. We can proceed no farther south on account of perpendicular cliffs. 1.000 ft. high. bear N.W. and S.E. Therefore at this point we set a trachyte stone 18 x 10 x 6 ins 12 ins in the ground for Witness cor. to Standard cor. of T. 25 S., R. 2 W. as follows: Marked W.C.S.C. 25 S. with 6 grooves on the N. and 6 grooves with 2 W. on the E. faces. raised a mound of stone 2 ft. base 2 ft. high N. of Cor. Pits impracticable.
80.00	The cor. point for Standard cor. of T. 25 S., R. 2 W. falls in impassable Cañon (Monroe Cañon) and the corner is not set. Land, mountainous Soil, stony 4th rate Timber: Scattering cedar. Mountainous land 80.00 chs. June 9th 1897.

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Latitude departure and closing errors.

Lines designated.	True bearings	Dist.	Latitude N.	Latitude S.	Departure E.	Departure W.
5th Standard Parallel S.	West.	489.78				489.78
W. bdy. T. 25 S., R. 27 W.	N.	475.80	475.80			
N. " " "	E.	357.07			357.07	
" " " "	S. 89°05' E.	115.86		1.71	115.86	
E. " " "	S. 2°40' E.	315.44		315.10	14.67	
E. " " "	S. 0°20' E.	159.05		159.05	.92	
Convergency					.58	
Totals			475.80	475.92	489.09	489.78
				475.80		489.09
Error in lat. and departure.				.12		.19

For general description see Subdivision of T. 25 S., R. 27 W.

Hubert D. Pagt.
George A. Swan
U.S. Deputy Surveyors.

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Final Oaths of Deputy Surveyors and their 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 _____ base and _____ 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

_____

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Final Oath of United States Deputy Surveyor.

I, _____, United States Deputy Surveyor,

solemnly swear that, in pursuance of instructions received from _____

United States Surveyor General for _____, bearing date of t

_____ day of _____, 189 , I have well, faithfully, and truly, in my ow

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 t

United States, surveyed all those parts or portions of _____

_____

_____

_____

_____ of the _____ b

and _____ meridian, in the _____ of _____, which are represented in

foregoing field notes as having been surveyed by me, and under my directions; and I do further solem

swear that all the corners of said survey have been established and perpetuated in strict accordance with

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 t

the foregoing are the *true* field notes of such survey; and should any fraud be detected, I will suffer

penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

_____

United States Deputy Surve

Subscribed by said _____, United States Deputy Surveyor,
and sworn to before me this _____ day of _____, 189 .

_____

SEAL

_____

APPROVAL.

Office of the United States Surveyor General,

Salt Lake City, Utah, May 26th, 1899

The foregoing field notes of the survey of the Sixth Principal Meridian
of Township 25 South, Range 2 West of the Salt Lake Base
& Meridian, Utah

_____

_____

_____

_____

_____

_____

_____ execute

Hubert D. Page & George E. Swan

under his Contract No. 209, dated December 26, 1896, having

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

they describe, are hereby approved.

Jacob B. Lee

United States Surveyor Gene

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

_____, has been correctly copied from the original notes on file in this off

_____

United States Surveyor Genera

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(4—679.)

BOOK A-279

FIELD NOTES

OF THE SURVEY OF

The Subdivision of Township No. 25 South. Range No. 2 West

Of the Salt Lake Base and Meridian,

In the State of Utah

AS SURVEYED BY

Hubert D. Page and George C. Swan, United States Deputy Surveyors,

Under ~~his~~ their Contract No. 209, dated December 26th, 1896.

Survey commenced June 10th, 1897.

Survey completed July 2nd, 1897.

(1319—2,500.)

		m. chs. lks
Subs.	high	41-66-59 ✓
"	closings	41 05 ✓
[illegible]	high	6-77-10 ✓
" " "	N. Bdy "	1-75-86 ✓
Retracement Subs.	Contry	3-08-77 ✓
"	E. Bdy	1-01-12 ✓

Names and Duties of Assistants.

James M. Lentz, Chainman.
James Holdaway, Chainman.
Douglas A. Swan Jr. Chainman.
Owen A. Smoot Jr. Chainman.
James M. Lentz, Moundman.
James Holdaway Moundman.
Samuel Meehan Axman Charles A. Carner Ft
For preliminary affidavits see book "B"

BOOK A-279

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 upon even and uneven ground, and plumb the tally pins either by sticking or dropping the same; t[illegible] we will report the true distance to all notable objects, and the true lengths of all lines that we assist [illegible] measuring, to the best of our skill and ability, and in accordance with instructions given us in the survey [illegible]

_____, *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 [illegible] 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 corner[illegible] and other duties, according to instructions given us, to the best of our skill and ability, in the survey o[illegible]

_____, *Axman.*

_____, *Axman.*

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

SEAL

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

_____, *Flagman.*

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

SEAL

Survey of the subdivisions of T. 25 S., R. 2 W.

June 10, 1897.

At 7 a.m., l.m.t. We set Sta. 38° 41' N. on the lat. arc: 23° 05' N. on the ded. arc; and determine a true meridian with the solar at the established cor. of secs. 2 and 3 on N. bdy. of Tp. 25 S. R. 2 W.,

Thence We run

S. bet. secs. 2 and 3; at 40.00 chs. after diligent search no old 1/4 sec. cor. can be found, and at 87.34 chs. We find the cor. of secs. 2, 3, 10 and 11. W. 5.94 chs. dist; which is a Trachyte stone 24 x 8 x 6 ins. above the ground marked and witnessed as described by the Surveyor General. The course of the line is therefore N. 3° 54' E. 87.34 chs.

Thence We run

South at 22.70 chs. We find a Trachyte stone 6 x 8 x 5 ins. above the ground, marked with 1/4 on W. face, and mound of stone W. of cor.

Thence We run South and at intervals of 40.00 chs. and 80.00 chs. after diligent search no 1/4 sec. or sec. cors. can be found, and at 2 mi. 45.82 chs. We find the cor. of secs. 22, 23, 26 and 27, E. 11.81 chs. dist. which is a Trachyte stone 8 x 12 x 10 ins. above the ground, marked and witnessed as described by the Surveyor General. The course of the line is therefore N. 3° 17' W., 20.16 chs.

June 10th 1897.

June 11, 1897.

At 7 a.m., l.m.t., We set Sta. 38° 38' N. on the lat. arc: 23° 09' N. on the ded. arc; and determine a true meridian with the solar at the cor. of secs. 22, 23, 26 and 27.

Thence We run
S. bet. secs. 26 and 27: at 40.38 chs.
the 1/4 sec cor. E. 1.57 chs. dist. We
continue our line S. and at 80.78 chs.
We find the cor. of secs. 26. 27. 34 and 35:
E. 3.13 chs. dist.: which is a Trachyte
stone 5"x14"x10" ins. above the ground
marked and witnessed as described
by the Surveyor General. The course
of this line is therefore N. 2° 13' W., 80.84 chs.
Thence We run
S. bet. secs. 34 and 35: at 40.00 chs. search
diligently for no trace of said 1/4 sec cor.
and at 79.87 chs. intersect E. and W.
line 3.10 chs. N. of the Standard cor. of
secs. 34 and 35. S. bdy. Tp. 25 S., R. 2 W.,
the course of this line is, therefore N. 2°
13' W., 79.93 chs.

June 11th 1897

June 15:

At 7 a. m., L. m. t., We set off 38° 36' N.
on the lat. arc: 23° 22' N. on the decl.
arc: at the Standard cor. of secs. 34 and
35 S. bdy. of Tp. 25 S. R. 2 W.

As a portion of this Tp. each of
this line has been subdivided and
that many of the corners are ob-
literated. We proceed to resurvey
the line and reestablish the corners
in their original places as follows:
Thence We run
N. 2° 13' W. bet. secs. 34 and 35.
Ascend over stony soil through dense
sage brush.

10.00 Point of low, stony spur bears E. and W.
slopes N. Descend

22.00 Mound of rock 6 chs. wide course S. W.
Ascend, enter pine and aspen.

39.96½ Set a Trachyte stone 14"x9"x7" ins., 10" ins

Resurvey of the subdivisions of T. 25 S., R. 2 W. continu

chains	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.	
	Descend	
62.00	Branch 4 lks. wide course S.E. and Bottom of ravine	
	Ascend	
73.00	Point of spur slopes S.E.	
	Descend, leave timber	
79.93	The cor. of secs. 26. 27. 34 and 35	"
	Land mountainous.	
	Soil stony: 4th rate.	
	Timber. Pine and aspen.	
	Mountainous land. 79.93 chs.	
	N. 2° 13' W. bet. secs. 26 and 27.	
	Descend through dense undergrowth. soil. stony.	"
2.00	Branch 3 lks wide course S.E. and bottom of ravine Ascend.	
6.00	Enter scattering pine and aspen	
40.43	The 1/4 sec cor. previously mentioned	
78.00	Ledges. and top of mountain bears E. and W.	
80.84	The cor. of secs. 22. 23. 26 and 27.	
	Land. mountainous.	
	Soil stony: 4th rate.	
	Timber. Pine and aspen scattering.	
	Mountainous land. 80.84 chs.	
	June 15: At this cor. we set off 23° 22' N. on the decl. arc: and at 12 hr. 0 m. l. m. t. observe the sun on the meridian the resulting lat. is 38° 38' N.	
	N. 3° 17' W. bet. secs 22 and 23.	See corrective
2.35	Begin descend. enter scattering pine	Notes Book 11
22.35	Head of ravine course E.	
32.00	Stony knoll 30 ft high 40 lks. W.	
	Descend along E. slope of ridge.	
40.06 1/2	Set a Trachyte stone 14 x 10 x 6 ins., 10 ins.	

	Chains	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, after dilligent search no trace of old 1/4 sec. cor. can be found.
	80.13	Set a Trachyte stone 16×10×7 ins., 12 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, and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable after dilligent search no trace of old cor. can be found.
		Land mountainous.
		Soil stony; 4th rate.
		Timber. Pine.
		Mountainous land 80.13 chs.
		June 15. 1897.
		June 16.
		At 7 a.m., l.m.t., We set off 38° 38' 30" on the lat arc: 23° 24' N 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. 3° 17' W. bet secs. 14 and 15.
See connective Notes Book 11.		Descending over stony soil, through scattering pine and aspen.
	4.00	Enter dense pine.
	28.40	Branch 2 lks. wide, course E.
		Ascend leave dense timber.
	40.06 1/2	Set a Trachyte stone 13×12×9 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, after dilligent search no trace of old 1/4 sec. cor. can be found.
	48.35	Top of ridge bears N. E. and S.W.
		Enter dense pine. descend.

Resurvey of the subdivisions of T. 25 S. R. 2 W. Continu

Chains		
76.00	Leave dense timber enter scattering pine and young growth aspen.	
80.13	Set a Trachyte stone 18 x 10 x 7 ins, 12 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 After dilligent search no trace of old cor. can be found.	
	Land mountainous	
	Soil stony: 4th rate.	
	Timber. Pine and aspen.	
	Mountainous land 80.13 chs.	
	N. 3° 17' W. bet. secs. 10 and 11.	
	Descending through scattering pine and aspen.	See corrected Notes, Book
6.00	Enter dense pine and aspen	
26.30	Leave timber	
27.00	Road bears E. and W.	
28.10	South side of reservoir bears E. and W.	
30.66	North side of reservoir bears E. and W.	
	Ascend.	
37.00	Enter aspen.	
40.00	Search dilligently find no trace of old ¼ sec. cor.	
42.00	Ridge bears E. and W.	
	Descend.	
45.80	Leave timber	
45.90	The ¼ sec cor. previously described	
	Thence We run	
	N.	
56.00	Enter Pine and aspen.	
68.60	The cor. of secs. 2. 3. 10 and 11. previously described	
	Land mountainous.	
	Soil stony: 4th rate.	
	Timber. Pine and aspen.	
	Mountainous land 68.60 chs.	
	June 16: At this cor. We set off 23° 23' 30" N on the dec. arc: and at 12 hrs. 0 m.	

	Chains	
		l. m. t. observe the sun on the meridian the resulting lat. is 38° 40' N.
		N. 3° 54' E. bet. secs. 2 and 3.
		Descending
	0.50	Leave timber
	4.65	Road. bears E. and W.
[illegible]	5.65	Enter timber. ascend.
[illegible]	27.00	Leave timber.
	31.55	Road. bears N. W. and S. E.
	40.00	Set a Trachyte stone 15×9×7 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. after diligent search no trace of old 1/4 sec. cor. can be found.
		Ascend.
	50.00	Ridge bears E. and W.
		Enter Pine and aspen
		Descend along E. slope
	87.34	The cor. of secs. 2 and 3 N. bdy of T. 25 S. R. 2 W.
		Land mountainous.
		Soil stony: 4th rate.
		Timber. Pine and Aspen.
		Mountainous land. 87.34 chs.
		June 16, 1897

Retracement of the N. bdy of T. 25 S. R. 2 W.

June 17: At 7 a. m. l. m. t. We set off 38° 41' N. on the lat arc: 23° 26' N. on the decl arc: and determine a true meridian with the solar at the cor. of secs. 2 and 3 on N. bdy T. 25 S. R. 2 W. Thence We run

Retracement of the N. bdy. of T. 25 S. R. 2 W.,

E. on a blank line along the N. bdy. of sec. 2: at 40.00 chs. We find the 1/4 sec. cor. and at 80.00 chs. after diligent search no old sec. cor. can be found. We continue our line E. and at 120.00 chs. after diligent search no old 1/4 sec. cor. can be found, and at 155.85 chs. We find the cor of Tps. 24 and 25 S., Rs. 1 and 2 W., S. 1.77 chs. dist. which is a trachyte stone 6 x 12 x 9 ins. above the ground marked and witnessed as described by the Surveyor General, the course of this line is therefore S. 89° 08' E.

June 17th 1897.

Resurvey of the N. bdy. of T. 25 S. R. 2 W., June 23. 1897.

At 7 a.m, l.m.t., We set off 38° 41' N. on the lat. arc; 23° 27' N. on the decl. arc; and determine a true meridian with the solar at the cor. of Tps. 24 and 25 S. Rs. 1 and 2 W. Thence We run. through aspen and fallen timber, N. 89° 08' W. bet. Tps. 24 and 25 S. R. 2 W. setting cors. for both Tps. and those for the township south at porportionate dist. ances bet. the corners found, knowing from previous survey that the closing cor. to Tps 24 S. Rs. 1 and 2 W. is 10.86 chs. N. 88° 13' E, of the cor. to Tps. 25 S. Rs. 1 and 2 W., thereforc ch.

29.15 Set a trachyte stone 14 x 9 x 7 ins, 10 ins. in the ground for 1/4 sec. cor. of sec. 36 T. 24 S. 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. from which a aspen 6 ins. diam. bears N. 20 lks dist. marked 1/4 S. B. T.

38.62 Set a trachyte stone 16 x 10 x 6 ins, 12 ins. in the ground for reestablished 1/4 sec. cor. of sec. 1 Tps. 25 S, R. 2 W. marked 1/4 on S. face and raise a mound of stone 2 ft. base, 1 1/2 ft. high S. of cor. Pits impracticable. from which An aspen 8 ins. diam. bears S. 18 lks.

dict. marked 1/4 S. B. T.
42.00 Leave timber, descend into cañon
55.10 Water cañon creek 10 lks. wide and bottom of cañon 700 ft. deep, course N. Ascend,
69.15 Set a trachyte stone 18 x 10 x 7 ins., 12 ins. in the ground for cor. of secs. 35 and 36 T. 24 S. R. 2 W., marked with 1 notch on the E and 5 notches on W. edges and raise a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable
71.50 Top W. side of cañon enter scattering pine and aspen over rolling land.
77.24 Set a trachyte stone 18 x 10 x 6 ins., 12 ins. in the ground for reestablished cor. of secs. 1 and 2 T. 25 S. R. 2 W., marked with 5 notches on the W and 1 notch on E. edges and raise a mound of stone 2 ft. base 1½ ft. high S. of cor. Pits impracticable. No trees within proper dist.
Land mountainous.
Soil, stony and gravelly: 2nd and 3rd rate.
Timber, Aspen and pine
Mountainous land 77.24 chs.

N. 89° 08' W. bet. Tps. 24 and 25 S. R. 2 W.
Over rolling land, through scattering pine and aspen.
31.91 Set a trachyte stone 14 x 9 x 7 ins., 10 ins. in the ground for 1/4 sec. cor. of sec. 35 T. 24 S. R. 2 W., marked 1/4 on N. face and raise a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable
38.62 The old 1/4 sec. cor. We obliterate marks refering to T. 24 S. R. 2 W. and mark for sec. 2 T. 25 S. R. 2 W.
Thence We run. West.
41.50 Old wagon road, bears N. and S.
71.91 Set a trachyte stone 15 x 11 x 9 ins., 10 ins. in the ground for cor. of secs. 34 and 35, T. 24 S. R. 2 W., marked with 4 notches on the W. and 2 notches on E. edges and raise a mound of stone 2 ft. base 1½ ft. high, N. of cor. Pits impracticable.
78.62 The cor. of secs 2 and 3 T. 25 S., R. 2 W.,
Land mountainous.
Soil gravelly loam: 2nd rate
Timber aspen and pine
Mountainous land 78.62 chs.

Survey commenced June 11th 1897. and executed with the instrument described in book A. and B. page 1.

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:

June 11. At the established cor. of sec. 25. 26. 35 and 36. which is a Trachyte stone 6 x 14 x 8 ins. above the ground marked and witnessed as described by the Surveyor General.

Lat. 38° 36' N., Long. 112° 01' W.,

We set off 38° 36' N. on the lat. arc: 23° 11' N on the decl. arc: and at 5 p. m., l. m. t., determine with the solar a true meridian and mark a point thereof with a lath driven and a stake firmly set in the ground 3 lks. N. of Mon.

June 11, 1897

June 12.

At 2 hrs. 02 m. a. m., l. m. t. We observe Polaris at eastern elongation in accordance with the Manual of Instructions and mark a point on the line thus determined and a stone set firmly in the ground 3 lks. N of the Cor.

At 6 hrs. 20 m. a. m., l. m. t., We lay off the azimuth of Polaris 1° 35' to the west. the true Meridian thus determined falls on the mark determined by p. m. solar observations, June 12.

At 7 h 20 m a. m. l. m. t., We set off 38° 36' N. on the lat. arc: 23° 13' N on the decl. arc: and determine a

Chains.	true meridian with the Polar, which falls on the mark set on the true meridian established by Polaris observations. The Polar observations by p. m. and a. m. observations define position of the True Meridian established by Polaris observations. Therefore We conclude the adjustments of the instrument are satisfactory. From the sec. cor. already described We run E. on a random line bet. secs. 25 and 36.
40.00	Set temp 1/4 Sec cor.
80.00	Intersect N. and S. line at the cor. of secs. 25. 30. 31 and 36. Thence We run N. on a true line bet. secs. 25 and 36. Descend
4.00	Enter pine and aspen, dense fallen timber.
26.00	Leave pine and fallen timber enter dense young growth of aspen
40.00	Set a Trachyte stone 22 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 1 1/2 ft. high N. of cor. Pits impracticable
54.00	Leave young growth of aspen.
56.00	Enter dense undergrowth
59.00	Spring. flows S.W.
64.50	Leave undergrowth enter aspen
74.75	Branch 1 lk wide. flows S.W.
78.45	Branch 4 lks wide flows N.
80.00	The cor. of secs. 25. 26. 35 and 36. Land mountainous. Soil stony and gravelly. 3rd and 4th rate. Timber. pine and aspen. Mountainous land 80.00 chs
	N. 0° 1' W. bet. secs. 25 and 26. Ascend through dense undergrowth
6.72	Enter young growth of aspen.

Subdivision of T. 25 S. R. 2 W. continued.

Chains.	
22.00	Descend
28.00	Bottom of small ravine, and branch 3 lks. wide course S.W.
	Ascend enter scattering pine and aspen
40.00	Set a Trachyte stone 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
68.50	Top of ridge bears S.W. and N.E.
80.00	Set a Trachyte stone 26 x 12 x 8 ins., 18 ins. in the ground for cor. of secs. 23. 24. 25 and 26. Marked with 1 notch on E. and 2 notches on S. edges. and raise a mound of stone 3 ft. base 2 ft. high. W. of cor.
	Pits impracticable.
	Land. mountainous.
	Soil. stony: 4th rate.
	Timber. Pine and aspen.
	Mountainous land 80.00 chs.
	June 12: At this cor we set off 23° 13' N. on the decl. arc: and at 12 hrs. 00 m. l. m. t. observe the sun on the meridian the resulting lat. is 38° 37' N.
	E. on a random line bet. 24 and 25.
40.00	Set temp. 1/4 sec. cor.
79.54	Intersect line N 2° 40' W. 95 lks. from the cor. of secs. 19. 24. 25 and 30.
	As the falling is beyond the limits prescribed in the Manual of Instructions we therefore proceed to set a closing cor. for secs. 24 and 25. on E. bdy. Tp. 25 S. R. 2 W. as follows:
	Set a Trachyte stone 14 x 10 x 8 ins., 10 ins. in the ground for closing cor. of secs. 24 and 25. Marked C.C. on W. with 4 grooves on N. and 2 grooves on S. faces and raise a mound of stone 2 ft. base 1 1/2 ft. high. W. of cor. Pits impracticable.
	We obliterate marks on old cor. pertaining to secs. 24 and 25.

chains	Thence W. run
	W. on a true line bet. secs. 24 and 25;
	Ascend over stony soil
1.25	Branch 1 lk wide course N.E.
2.50	Old wood road bears N.E. and S.W.
4.00	Enter dense pine and aspen
34.75	Leave dense pine, enter young growth aspen and scattering pine.
39.77	Set a Trachyte stone 16 x 10 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 1 1/2 ft. high. N. of cor. Pits unprocurable. from which
	A Pine 6 ins. diam. bears S. 35 lks. dist. marked . . 1/4 S. B.T.
	A Pine 8 ins. diam. bears N. 20 lks. dist. marked . . 1/4 S. B.T.
50.75	Head of ravine course N.E.
55.00	Top of ridge bears N.W. and S.E.
	Descend along S.W. slope of mountain
79.54	The cor. of secs. 23. 24. 25. and 26.
	Land mountainous
	Soil stony; 4th rate.
	Timber. Pine and aspen.
	Mountainous land 79.54 chs.
	June 12, 1897

June 14. At 7 a.m. l.m.t. We set off 38° 37' N. on the lat. arc: 23° 19" N. on the dec. arc: and determine a true meridian with the solar at the cor. of secs. 23. 24. 25 and 26.

Thence We run

N. 0° 1' W. on a random line bet. secs. 23 and 24.

40.00	Set temp. 1/4 sec. cor.
81.28	Intersect E. and W. line 10.80 chs. E. of the established cor. of secs. 13. 14. 23 and 24. which is a Trachyte boulder marked and witnessed as described by the Surveyor General.

Subdivision of T. 25 S. R. 2 W. Continued.

From errors discovered in our retracement and the falling is beyond the limits prescribed in the Manual of Instructions We therefore proceed to set a closing cor. for secs. 23 and 24. as follows:
Set a Trachyte stone 22 x 9 x 9 ins., 17 ins. in the ground for closing cor. of secs. 23 and 24 marked C.C. on S. with 3 grooves on S. and 1 groove on E. faces. and raise a mound of stone 2 ft. base, 1½ ft. high. S. of cor. Pits impracticable.
We obliterate marks on old cor refering to secs. 23 and 24.
Thence We run
S. 0° 1' E. on a true line bet. secs. 23 and 24.
Ascend along E slope of ridge
6.70 Enter pine and aspen
32.60 Leave timber
41.28 Set a Trachyte stone 18 x 10 x 9 ins., 14 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
68.90 Top of ridge bears W. and E. descend.
81.28 The cor of secs 23, 24, 25 and 26.
81.[illegible] For retrace notes of secs. 23. and 24. see end of subdivisions.
Land, mountainous.
Soil. stony. 4th rate.
Timber. Pine and aspen.
Mountainous land. 81.28 chs.

W. on a random line bet. secs. 23 and 26.
40.00 Set temp. ¼ sec cor.
85.78 Intersect N. and S. line .65 lks. S. 2° 13' E. of the cor. of secs. 22. 23. 26 and 27. The falling corresponds with errors discovered in our retracement and is beyond the limits prescribed in the Manual of Instructions. We therefore set a closing cor. for secs. 23 and 26 as follows:

	Chains	Set a Trachyte stone 28 x 18 x 8 ins., 21 ins. in the ground for closing cor. of secs 23 and 26. marked C. C. on E. with 2 grooves on S. and E. faces, and raise a mound of stone 2 ft. base 1½ ft. high. E. of cor., Pits impracticable, from which A Pine 30 ins. diam. bears N. 85° E. 1 chain dist. Marked B.T. S. 23. No other trees within proper dist. We obliterate marks on old cor. referring to secs. 23 and 26.
		Thence We run E. on a true line bet. secs. 23 and 26, Ascend over stony soil.
	15.00	Top of ridge, bears N. and S.
		Descend along S. slope of mountain through scattering pine.
	42.00	Bottom of ravine, course S. Ascend along S. slope of mountain
45.78	45.78	Set a Trachyte stone 24 x 18 x 12 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.
	66.00	Top of stony ridge bears N. & S. Descend.
	72.00	Ledges, 20 ft. high
	76.00	Bottom of ravine, course S. Ascend gradual slope
	85.78	The cor. of secs. 23. 24. 25 and 26. Land, mountainous. Soil stony; 4th rate. Timber. Pine. scattering. Mountainous land. 85.78 chs.

June 14th 1897.

For retrace notes of sec 26 see end of Subdivision.

Notes of Guide Meridian North through T. 25 S. R. 2 W.

Chains	
	June 12.
	At 1 a.m. l. m. t. We set off 38° 36' N. on the Lat. arc: 23° 12' W. on the dec'l arc: and determine a true meridian with the solar at the Standard cor. of secs. 33 and 34. S. bdy. T. 25 S. R. 2 W.
	Thence We run
	N. on a sectional guide meridian bet. secs. 33 and 34.
	ascend through aspen. over stony soil.
14.00	Top of ridge bears S.W. and N.E.
	Descend.
17.00	Ledges. bears N.E. and S.W.
18.00	Leave ledges. enter dense pine timber, undergrowth and fallen timber.
20.00	Bottom of ravine course S.W.
	Ascend.
35.50	Top of stony ridge bears S.W. and N.
	Leave timber
40.00	Set a Trachyte stone 30 x 14 x 6 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 1/2 ft. high: W. of cor. Pits impracticable.
43.00	Enter pine and aspen.
61.40	Descend.
66.00	Branch 3 lks. wide course S. E.
	Ascend.
77.30	Ledges. bears N. W. and S. E.
80.00	Set a Trachyte stone 30 x 10 x 6 ins., 22 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, 1 1/2 ft. high. W. of cor. Pits impracticable, from which.
	A Pine 10 ins. diam. bears N. 70° E. 35 lks. dist. marked T 25 S R 2 W S 27 - B.T. No other trees within proper dist.
	Land mountainous.
	Soil stony: 4th rate.

Sectional Guide Meridian North through T. 23 S., R. 2

Chains.	
	Timber. Pine and aspen
	Mountainous land. 80.00 chs.
	June 12: At this cor. we set off 23° 15' N. on the dec'l. arc: and at 12 hrs. 0 m. l. m. t. observe the sun on the meridian the resulting lat. is 38° 37' N.
	E. on a random line bet. secs. 27 and 34,
40.00	Set temp. 1/4 sec. cor.
76.86	Intersect N. and S. line 13 lks. N. of the cor. of secs. 26. 27. 34 and 35;
	Thence we run
	N. 89° 54' W. on a true line bet. secs. 27 and 34.
	Ascend, through & cutting pine and aspen.
36.86	Set a trachyte stone 14 x 10 x 9 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 1 1/2 ft. high. N. of cor. Pits impracticable from which
	a aspen 4 ins. diam. bears N. 35 lks. dist. marked 1/4 S. B. T.
	a Aspen 2 1/2 ins. diam. bears S. 21 lks. dist. marked 1/4 S. B. T.
68.30	Top of ridge. bears S. E. & N. W. Descend.
76.86	The cor. of secs. 27. 28. 33. and 34.
	Land mountainous.
	Soil stony: 4th rate.
	Timber. Pine and aspen.
	Mountainous land. 76.86 chs.
	June 12: 1897.
	June 14: At 7 a. m. l. m. t. we set off 38° 37' N. on the lat. arc: 23° 15' N. on the dec'l. arc: and determine a true meridian with the solar at the cor. of secs. 27. 28. 33 and 34.
	Thence we run.
	N. bet. secs. 27 and 28.
	Ascend. through pine and Aspen.
8.00	Ledges. bears E. & W.
30.00	Dry run and old trail bears N. E. & S. W.
40.00	Set a trachyte stone 18 x 8 x 6 ins., 12 ins.

Sectional Guide Meridian North through T. 25 S., R. 27 W.

Chains.	
	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.
	Leave timber. ascend.
80.00	Set a Trachyte stone 28 x 10 x 8 ins., 21 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 3 ft. base 2 1/2 ft high W. of cor. Pits impracticable.
	Land mountainous.
	Soil. stony; 4th rate.
	Timber. Pine and Aspen.
	Mountainous land 80.00 chs.
	June 14; At this cor. we set off 23° 19' N. on the decl. arc; and at 12 hrs. 00 m. l. m. t., observe the sun on the meridian the resulting lat. is. 38° 38' + N.
	S. 89° 54' E on a random line bet. secs. 22 and 27.
40.00	Set temp 1/4 sec. cor.
73.76	Intersect N. and S. line 14 lks. S. of the closing cor. of secs. 23 and 26. We destroy old cor. of secs 22. 23. 26 and 27. as no areas depend upon it and remark the closing cor. of secs 23 and 26 as a cor for 4 secs. Thence we run W. on a true line bet. secs. 22 and 27. along S. slope of mountain, over stony soil. through scattering pine
18.75	Ledges. Top of mountain, along level, stony soil. Ledges bear N. and S. mountain, bears E. and W.
33.76	Set a Trachyte stone 20 x 10 x 8 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.
	Descend, along S. slope of mountain
48.76	Ledges, bears N. and S.
53.75	Ascend
59.40	Ledges. Top of ridge bears S. and N.
73.76	The cor. of secs. 21. 22. 27 and 28.

Sectional Guide Meridian North, through T. 25 S., R. 21

Chains. Land mountainous.
Soil stony; 4th rate.
Timber. Pine scattering.
Mountainous land. 7376 chs.
June 14, 1897.

June 15: At 7 a.m. l.m.t. We set S. 38° 38' W. on the lat. arc; 23° 22' 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. bet. secs. 21 and 22,
Ascend. over stony soil.
6.75 Top of mountain, bears E. and W.
Descend enter scattering pine; along
W. slope of mountain
31.00 Ascend.
40.00 Set a Trachyte stone 20 x 12 x 8 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, W. of cor. Pits impracticable.
74.00 Top of mountain bears N. 75° W. & S. 75° E.
Descend.
80.00 Set a Trachyte stone 24 x 14 x 8 ins., 18 ins. in the ground for cor. of secs. 15, 16, 21 and 22. Marked with 2 S. on N.E. and 2 W. on S.E. faces with 3 notches on S. and E. edges and raise a mound of stone 2 ft. base 3 ft. high, W. of cor. Pits impracticable. from which A Pine 6 ins. diam. bears N. 5° W. 50 lks. dist. marked B.T. S 16. No other trees within proper distance.
Land mountainous.
Soil stony; 4th rate.
Timber. Pine scattering.
Mountainous land 800 chs.
June 15. At this cor. We set S. 23° 22' W. on the decl. arc; and at 12 hrs. 00 m. l.m.t. observe the sun on the

Chains.	meridian the resulting lat. is 38° 38' 3" N.
	E. on a random line bet. secs. 15 and 22.
40.00	Set temp. 1/4 sec. cor.
69.20	Intersect N. and S. line 65 lks. 33 1/2 E. of the cor. of secs. 14. 15. 22 and 23. as the falling corresponds with error discovered in our retracement and is beyond the limits prescribed in the Manual of Instructions. We therefore set a closing cor. as follows: Set a Brachyle stone 16 x 10 x 7 ins., 12 ins. in the ground for closing cor. of secs. 15 and 22 marked C. C on W. with 2 grooves on E. and 3 grooves on S. faces and raise a mound of stone 2 ft. base 1 1/2 ft. high. W. of cor. Pits impracticable. Destroy marks on old cor. referring to secs. 15 and 22. Thence We run. W. on a true line bet. secs. 15 and 22, Ascend.
3.20	Enter dense pine
22.00	Top of ridge leave dense timber enter scattering. along top of ridge bears N. & W.
29.20	Set a Brachyle stone 24 x 15 x 12 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 1 1/2 ft. high, N. of cor. Pits impracticable. Descend.
33.45	Ledges, bears N. and S.
47.20	Bottom of ravine course N.
52.25	Ascend.
69.20	The cor. of secs. 15. 16. 21 and 22. Land mountainous. Soil stony 4th rate. Timber. Pine. Mountainous land 69.20 chs. June 15th 1897.

See comments Page 3

Sectional Guide Meridian North through T. 25 S.

Chains	
	June 16. At 7 a.m. l. m. t. We set off 38° 38' N on the lat. arc: 23° 24' N. on the decl. arc: and determine a true meridian with the solar at the cor. of secs. 15. 16. 21 and 22.
	Thence We run
	N. bet. secs. 15 and 16.
1.60	Ledges. descend over stony soil through scattering pine. Ledges bear E. and W.
18.00	Ledges. bears E. and W.
38.00	Spring. water flows N.E.
40.00	Set a Trachyte stone 20 x 12 x 6 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. 1 1/2 ft. high. W. of cor. Pits impracticable.
45.00	Bottom of ravine, course N.E.
47.00	Leave pine enter small clearing.
53.00	Enter pine and aspen. begin ascend.
80.00	Set a Trachyte stone 20 x 15 x 6 ins, 15 ins. in the ground for cor. of secs. 9 10. 15. and 16 marked with 4 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. from which
	A Pine 12 ins. diam bears S. 15 lks. dist. marked B.T. T 25 S R 2 W S 16 on W S 15 on E
	A Pine 15 ins. diam. bears N. 20 lks. dist. marked B.T. T. 25 S. R. 2 W. S 9 on W. S 10 on E
	An aspen 10 ins. diam. bears S. 20° E. 35 lks. dist. marked T 25 S. R 2 W. S 15. B.T. No other suitable trees within proper distance.
	Land mountainous
	Soil stony: 4th rate.
	Timber. Pine and aspen
	Mountainous land 80.00 chs.
	Note. Sky being overcast can take no observation for lat. at this cor.

Sectional Guide Meridian North through T. 20 S., R. 2 W.

Chain.	E. on a random line bet. secs. 10 and 15;	
24.62	after diligent search find no trace of sec ¼ sec. cor.	See corrected notes, book
40.00	Set temp. ¼ sec. cor.,	
64.62	Intersect N. and S. line. 65 lks. 33° 10' E. of the cor. of secs. 10. 11. 14. and 15; previously ack by us.	
	Thence W. run	
	W. on a true line bet. secs. 10 and 15;	
	ascend through pine and aspen.	
12.25	Top of ridge. bears N. and S.	
	Over rolling land,	
24.62	Set a Trachyte stone 15 x 10 x 9 ins., 10 ins. in the ground for ¼ sec. cor. of sec. 15. marked ¼ . . on N. face, and raise a mound of stone 2 ft. base 1½ ft. high, N. of cor. Pits impracticable,	
	from which	
	An Aspen 4 ins. diam. bears N. 20 lks. dist. marked B.T. ¼ S,	
	An Aspen 5 ins, diam, bears S. 20 lks. dist. marked B.T. ¼. S,	
40.00	Set a Trachyte stone 14 x 10 x 10 ins, 10 ins. in the ground for reestablished ¼ sec. cor. of sec. 10. marked ¼ . . on N. face and raise a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable,	
	from which	
	An Aspen 4 ins. diam. bears S. 21 lks. dist. marked B.T. ¼ S,	
	An Aspen 3 ins, diam. bears N. 18 lks. dist. marked B.T. ¼ S,	
64.62	Intersect N. and S. line. 65 lks. N. of the cor. of secs. 9. 10. 15 and 16. as the	
40.00 / 24.62	falling corresponds with errors discovered in our retracement and is beyond the limits prescribed in the Manual of Instructions. We therefore set a closing cor. as	
	follows:	

Sectional Guide Meridian North, through T. 23 S. R.

Chains	Set a Bradyte stone 19 x 12 x 7 ins., 14 ins. in the ground for closing cor. for secs. 10 and 15. marked C.C. on E. with 3 grooves on E. and 4 grooves on S. faces, and raise a mound of stone 2 ft. base 1½ ft. high E. of cor. Pits impracticable. We obliterate marks on the cor. of secs. 9. 10. 15 and 16 previously set by us. referring to secs. 10 and 15.
	Land mountainous.
	Soil stony: 4th rate.
	Timber. Pine and aspen.
	Mountainous land. 64.62 chs.
	June 16th 1897.
	June 17: At 7 a.m. l.m.t., We obs. ☉ 38° 39' N. on the tab. arc: 23° 26' N. on the decl. arc: and determine a true meridian with the solar at the cor. of secs. 9 and 16.
	Hence We run
	N. bet. secs. 9 and 10.
	Over rolling land through dense pine and aspen.
0.65	The Closing Cor. of secs. 10 and 15;
17.00	Leave timber, enter grass flat, bears S.E. N.W.
22.00	S. edge of reservoir.
26.00	N. edge of reservoir.
	Ascend.
31.00	Top of stony ridge bears S.W. and N.E.
38.00	Enter Aspen.
40.00	Set a Bradyte stone 20 x 8 x 6 ins., 15 ins. in the ground for ¼ sec. cor. marked ¼ S. on N. face and raise a mound of stone 2 ft. base 1½ ft. high, N. of cor. Pits impracticable. From which A Pine 24 ins. diam. bears S. 25° W. 10 lks. dist. marked B.T.
	An Aspen 6 ins. diam. bears N. 10° E. 25 lks. dist. marked ¼ S. B.T.

Sectional Guide Meridian North through T.25S., R.2W.

Chains	
41.00	Descend. dense pine and aspen
63.00	Bottom of Canon 500 ft. deep. course N. W. Ascend enter scattering timber along W. slope of mountain.
76.00	Top of canon N. side.
	Descend along W. slope of mountain
80.00	Set a Trachyte stone 26 x 12 x 8 ins., 20 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. from which A Pine 12 ins. diam. bears S. 45° W. 35 lks. dist. marked T.25 S.R.2 W.S.9 B.T. No other trees within proper distance. Land, mountainous. Soil stony: 4th rate. Timber. Pine and aspen. Mountainous land. 80.00 chs. June 17: At this cor We set off 23° 25' N. on the decl. arc: and at 12 hrs. 01 m. l.m.t. observe the sun on the meridian the resulting lat. is 38° 40' N.
	From the established cor. of secs. 2. 3 10 and 11, knowing the falling will be out of limit We run W. on a blank line bet. secs. 3 and 10. and at 40.13 chs. We find the ¼ sec. cor. which is a Trachyte stone 6 x 12 x 10 ins. above the ground marked and witnessed as described by the Surveyor General. Thence We run W. on a true line bet. secs. 3 and 10. Over rolling land through dense pine and aspen.
16.00	Begin rapid descent.

Sectional Guide Meridian North through T. 25 S., R. 2

	8 Chains	Leave dead timber, under scattering timber and dead underbrush—
	21.88	Intersect N. and S. line 11.30 chs. S. of Mile cor. of secs. 3, 4, 9 and 10, previously set by me.
		The falling corresponds with errors discovered in our retracements, and is beyond the limits prescribed by the Manual of Instructions. We therefore set a closing corner as follows.
		Set a Bachylé stone 24 x 10 x 8 ins., 18 ins. in the ground for closing corner of secs. 3 and 10, marked C. C. on E. with 3 grooves on E. and 3 grooves on S. faces, and raise a mound of stone 2 ft. base 1½ ft. high, E. of cor. Pits impracticable. We obliterate marks referring to secs. 3 and 10, on cor previously set by me.
		Land, mountainous.
		Soil, gravelly and stony: 3rd and 4th rate.
		Timber, Pine and Aspen.
		Mountainous land 21.88 chs.
		June 17, 1877.
		June 17. At 3 p. m. l. m. t. we set off 38° 40' N. on the tab. arc: 23' 25" 30" N. on the decl. arc: and determine a true meridian with the Polar at the cor. of secs. 4 and 9.
		Hence N.
		N. between secs. 3 and 4,
		Ascend, soil stony, through scattering aspen and Pine, along W. side of mountain
5.00		Ledges, and boulders bear N.W. & S.E., ascend.
25.00		Ridge, bears N. 70° W. & S. 70° E., Descend
40.00		Set a Bachylé stone 14 x 10 x 7 ins., 10 ins. in the ground for 14 sec. cor., marked ¼ on W. face and raise a mound of stone 2 ft. base 1½ ft. high, W. of cor. Pits impracticable.
75.40		Set temp. sec. cor. on N. bdy. of Tp.
		June 17, 1877.

Subdivision of T. 2 S., R. 2 W.

Mons

June 25th 1897. Re-establish the temp. cor. on N. bdy. of Tp. set by us June 17th 2 lks further N as a permanent closing cor. for secs. 3 and 4 T. 2 S. R 2 W., 5.35 chs. E. of the cor. of secs. 33 and 34 on S. bdy. of T. 2 N. S, R 2 W., previously described. as follows:

75.82 Set a Trachyte stone 16 x 10 x 9 ins, 10 ins in the ground for closing cor. of secs. 3 and 4 marked S.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

Land mountainous,

Soil stony; 4th rate,

Timber cedar and pine.

Mountainous land 75.82 chs.

Volume
#
R0279

Subdivision of T. 25 S., R. 2 W. - Continued.

Chains	
	June 25: 1897. At 7 a.m. l.m.t., We set off 38°36' N. on the lat. arc: 23°24' N. on the decl. arc: and determine a true meridian with the solar at the Standard cor. of secs. 32 and 33 on S. bdy. Tp.
	Thence We run
	No. 1 W. bet. secs. 32 and 33,
	Descend through dense undergrowth scattering pine and aspen.
10.50	Bottom of canon 800 ft. deep and small branch 2 lks. wide course W. ascend.
40.00	Set a trachyte stone 16×10×10 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
42.10	a point 1000 ft. above bottom of canon and top of ridge bears E. and W. descend.
61.25	ascend.
80.00	Set a trachyte stone 18×10×9 ins., 12 ins. in the ground for cor. of secs. 28, 29, 32 and 33, marked with 1 notch on the 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 stony: 4th rate.
	Timber pine and aspen
	Mountainous land 80.00 chs.
	June 25: At this cor. We set off 23°23' N on the decl. arc: and at 12 hrs. 02 m. l.m.t. observe the sun on the meridian the resulting lat. is 38°37' N.
	E. on a random line bet. secs 28 and 33.
40.00	Set temp 1/4 sec. cor
80.00	Intersect N. and S. line at the cor of secs 27, 28, 33 and 34.
	Thence We run
	W. on a true line bet. secs. 28 and 33
	Descend through scattering pine and aspen
4.00	Bottom of ravine and Dry run course S.
	ascend the E. slope of mountain

Subdivision of T. 25 S. R 2 W. Continued.

Chains	
34.85	Face of cliffs 700 ft high bears N.E. and S.W. Rapid descent at foot of cliffs enter dense undergrowth
40.00	Set a trachyte stone 16×10×7 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
41.35	Head of ravine course S.W. over rolling land along the S. slope of ridge
80.00	The cor of secs. 28. 29. 32 and 33. Land mountainous Soil stony and gravelly: 3rd and 4th rate. Timber, pine and aspen. Mountainous land. 80.00 chs. June 25th 1897.
	June 26: At 7 a.m. l.m.t. We set off 38°37' N. on the lat. arc: 23°22' N on the decl. arc: and determine a true meridian with the solar at the cor. of secs. 28. 29 32 and 33. Thence We run N 0°1' W. bet. secs. 28 and 29. Ascend through dense undergrowth scattering pine and aspen.
3.50	Top of ridge bears E. and W. Descend
30.00	Bottom of ravine and branch 5 lks wide course N.W. Ascend.
34.50	Ditch flows N.W.
40.00	Set a Limestone 14×10×7 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.
41.45	Top of ridge bears N.W. and S.E. enter scattering pine. Soil stony. Descend.

Chains	
45.00	Ditch 3 lks. wide flows N. E. into reservoir.
46.00	Leave timber S. side of reservoir
50.00	North side of reservoir
57.50	Begin ascend.
73.70	Top of ridge bears E. and W. slopes W. Descend
76.00	Ledges 30 ft. high bears S. W. and N. E. descend
80.00	Set a trachyte stone 18 x 8 x 6 ins., 12 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 raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
	Land mountainous
	Soil stony; 4th rate
	Timber pine and aspen.
	Mountainous land 80.00 chs.
	E. on a random line bet. secs. 21 and 28,
40.00	Set temp. ¼ sec. cor.
79.96	Intersect N. and S. line 2 lks. N. of the cor. to secs. 21, 22, 27 and 28,
	thence N.
	N. 89° 59' W. on a true line bet. secs. 21 and 28,
	along top of mountain, Soil stony,
7.00	Begin descend W. slope of mountain through dense undergrowth and scattering pine and aspen.
39.08	Set a trachyte stone 24 x 10 x 6 ins., 18 ins. in the ground for ¼ sec. cor. marked ¼ on N. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable. This cor. is on top of ridge bears S. 85° W. and N. 85° E. Descend.
65.20	Small ditch course S.
79.96	The cor. of secs. 20, 21, 28 and 29.
	Land mountainous
	Soil stony; 4th rate

Chains	
	Timber. Pine and aspen.
	Mountainous land 7996 chs.
	Note.—Sky being overcast could take no observation for Lat. this day, June 26, 1897.
	June 27: At 7 a.m. l.m.t. We set off 38°38' W on the lat. arc: 23° 20' 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° 01' W. bet. secs. 20 and 21.
	Ascend over rolling land. through scattering pine and aspen.
21.00	Top of ridge bears S.W. and N.E.
	Descend.
33.15	Branch 2 lks. wide course W.
	Ascend. leave timber.
40.00	Set a Trachyte stone 16 x 10 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.
80.00	Set a Trachyte stone 22 x 10 x 8 ins, 18 ins. in the ground for cor. of secs. 16. 17. 20. and 21. marked with 3 notches on the S. and 4 notches on the E. edges, and raise a mound of stone 2 ft. base 1 1/2 ft. high. W. of cor.
	Pits impracticable.
	Land mountainous.
	Soil stony: 4th rate.
	Timber. Pine and aspen.
	Mountainous land. 80.00 chs.
	June 27: At this cor We set off 23° 18' N. on the decl. arc: and at 12 hrs. 03 m. l.m.t. and observe the sun on the meridian the resulting lat. is 38° 38' N.

Subdivision of T. 25 S., R. 2 W. - continued

Chains.	S. 89° 59' E. on a random line bet. secs. 16 and 21.
40.00	Set temp. 1/4 sec. cor.
80.12	Intersect N. and S. line 9 lks. S. 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.
	Ascend, soil stony, through scattering pine.
3.63	Top of mountain, bears, N. and S. along N side of mountain.
20.00	Top of ridge bears N. and S. leave timber. Descend.
30.00	Ledges, bears N.W. and S.E. rapid descent S.W. slope of mountain
40.06	Set a Trachyte stone 30 x 12 x 10 ins., 22 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.
48.00	Ledges, bears N.E. and S.W.
59.00	Ledges, bears N.E. and S.W.
68.00	Top of stony ridge bears N. and S. Descend over slide rock through dense undergrowth.
80.12	The cor. of secs. 16, 17, 20 and 21.
	Land mountainous.
	Soil stony; 4th rate.
	Timber. Pines scattering.
	Mountainous land 80.12 chs.
	June 27: 1897.

June 28: At 7 a.m. l.m.t. We set off 38° 38' on the lat. arc: 23° 17' N. on the decl. arc: and determine a true meridian with the solar at the cor of secs. 16, 17, 20 and 21.

Thence We run

N. 0° 01' W. bet. secs. 16 and 17.

Ascend, through dense undergrowth over stony soil.

18.00	Top of mountain bears E. and W. Descend.

Subdivision of T. 25 S., R. 2 W., continued.

Chains	
37.00	Bottom of ravine 200 ft. deep course N.W. ascend
40.00	Set a trachyte stone 14 x 7 x 7 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
47.38	Point of spur projects N.W.
48.00	Enter scattering pine and mahogany.
71.86	Bottom of ravine 150 ft. deep course W. ascend leave timber and enter dense undergrowth.
80.00	Set a trachyte stone 16 x 10 x 9 ins., 11 ins. in the ground for cor. of secs. 8, 9, 16 and 17. marked with 4 notches on the 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 stony: 4th rate.
	Timber, pine and mahogany.
	Mountainous land. 80.00 chs.
	June 28th At this cor. We set off 23°15'30" N. on the decl. arc: and at 12 hrs 03 m. l. m. t., observe the sun on the meridian, the resulting lat is 38°39' N.
	N 89°57' E on a random line bet. secs. 9 and 16.
40.00	Set temp. 1/4 sec. cor.
80.04	Intersect N and S. line 7 ch. N X the cor. of secs. 9 and 16.
	Thence We run
	West on a true line bet. secs. 9 and 16.
	Ascend through pine and aspen over rolling land.
32.00	Enter scattering timber.
40.02	Set a trachyte stone 14 x 10 x 5 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 1 1/2 ft. high N of cor. Pits impracticable.
65.00	Cliffs 1000 ft. high and top of mountain bears N.W. and S.E. descend
80.04	The cor. of secs. 8, 9, 16 and 17.
	Land mountainous.
	Soil stony and gravelly: 3rd and 4th rate.
	Timber pine and aspen
	Mountainous land 80.04 chs.
	N 0°01' W. bet. secs. 8 and 9.
	Ascend through dense undergrowth over stony

Chains	
	soil along W. side of mountain.
35.40	Descends over broken foot hills
40.00	Set a trachyte stone 17 x 9 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
62.00	Ravine 100 ft deep head of Cottonwood Creek course N.W. Ascend.
69.25	Begin descend
80.00	Set a trachyte stone 14 x 10 x 9 ins. 10 ins. in the ground for cor. of secs. 4. 5. 8 and 9. marked with 5 notches on the 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 stony: 4th rate. No timber. Mountainous land 80.00 chs. June 28th 1897.
	June 29, 1897. At 7 a.m. l.m.t. We set off 38° 40' N. on the lat. arc: 23° 14' N. on the decl arc: and determine a true meridian with the solar at the cor. of secs 4. 5. 8 and 9. Thence We run East on a random line bet secs. 4 and 9
40.00	Set temp. 1/4 sec. cor.
80.09	Intersect N. and S. line 3 lks S. of the cor. of secs 4 and 9. previously set by us. Thence We run S. 89° 59' W. on a true line bet secs. 4 and 9 Descend over stony soil through scattering pine and dense undergrowth.
12.50	Bottom of canon 200 ft deep course N.W. Ascend.
40.04 1/2	Set a trachyte stone 17 x 9 x 7 ins 12 ins in the ground for 1/4 sec cor. marked 1/4 on N face and raise a mound

Subdivision of T. 25 S., R. 2 W. – Continued.

chains	of stone 2 ft. base 1½ ft. high, N. of cor. Pits impracticable. Descend over rolling land.
80.09	The cor. of secs. 4. 5. 8 and 9. Land mountainous. Soil stony: 4th rate. Timber. Pine scattering. Mountainous land. 80.09 chs. June 29, 1897, At this cor. We set off 23° 12' N. on the decl. arc: and at 12 hrs 03 m t. m.t., observe the sun on the meridian the resulting lat. is 38° 40' N.
	N. 0° 01' W. on a random line bet secs. 4 and 5;
40.00	Set a temp. ¼ sec. cor.
75.75	Intersect N. bdy. of Tp. 535 chs. E. of the cor. of secs 32 & 33, on S bdy. of Tp. 24 S. R. 2 W. The falling is beyond the limits prescribed by the Manual of Instructions We therefore set a closing cor. for secs 4 and 5 Tp. 25 S., R. 2 W. as follows, Set a trachyte stone 18 x 10 x 5 ins, 12 ins. in the ground for closing cor. of secs. 4 and 5 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 Thence We run S. 0° 01' E. on a true line bet secs. 4 and 5 Descend, over stony soil through scattering cedar and mahogany.
15.50	Begin ascend base timber under dense undergrowth
35.75	Set a trachyte stone 14 x 7 x 7 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. Pits impracticable.
75.75	The cor. of secs. 4. 5. 8 and 9. Land Mountainous. Soil stony: 4th rate Timber cedar and mahogany scattering Mountainous land 75.75 chs June 29th 1897.

June 25. 1897. At 7 a.m. l.m.t., We set off 38°36' N. on lat arc: 23°24' N. on decl arc: and determine a true meridian with the solar at the standard cor. of secs. 31 and 32.
Thence We run
N. 0° 01' W. bet secs. 31 and 32.
Ascend N side of canon through dense undergrowth scattering pine and cedar.
37.50 Top of ridge bears. E. and W. Descend
40.00 Set a trachyte stone 16 x 10 x 9 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.
61.00 Bottom of ravine 100 ft. deep course W.
Ascend
80.00 Set a trachyte 14 x 10 x 8 ins., 10 ins. in the ground for cor. of 29. 30. 31. and 32 marked with 1 notch on S and 5 notches on the E. edges, and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
Pits impracticable
Land mountainous
Soil stony; 4th rate
Timber, pine and cedar scattering.
Mountainous land 80.00 Chs.
June 25. 1897.
At this cor We set off 23°23' N. on the decl. arc: and at 12 hrs. 02 m. p.m. l.m.t., observe the sun on the meridian the resulting lat is 38°37' N.

E. on a random line bet secs. 29 and 32.
40.00 Set temp 1/4 sec. cor.
80.08 Intersect N. and S. line at the cor of secs 28. 29. 32 and 33.
Thence We run
W. on a true line bet. secs. 29 and 32.
Ascending along S. slope of mountain through dense undergrowth scattering

Subdivision of T.25 S., R.2 W. — continued

Chains.	
	pine and aspen
7.25	Top of ridge, bears S 55° W. and N 55° E. along ridge
10.00	Descend, leave pine and aspen, enter scattering cedar.
40.04	Set a Trachyte stone 16 x 9 x 7 ins., 16 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.
41.00	Ascend along N side of mountain
57.00	Top of mountain bears, N. W. and S. E.
61.50	Descend
80.08	The cor. of secs. 29. 30. 31. and 32.
	Land, mountainous.
	Soil stony; 4th rate.
	Timber. Pine, aspen and cedar.
	Mountainous land 80.08 chs.
	June 25. 1897.

June 26; At 7h 30m a.m. l.m.t., we set off 38° 37' N on the lat. arc; 23° 21' 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
W. on a random line bet. secs. 30 and 31.

40.00	Set temp. 1/4 sec. cor.
89.26	Intersect W. bdy. of Tp. at the Closing Cor. of secs. 30 and 31 previously described
	Thence we run
	E. on a true line bet. secs. 30 and 31,
	Descend. through scattering pine and cedar. Soil stony.
21.00	Bottom of ravine, 200 ft. deep, course S.W. Ascend.
33.80	Top of ridge. bears S.W. and N.E. along S. slope
49.26	Set a Trachyte stone 20 x 8 x 6 ins., 15 ins. in the ground for 1/4 sec. cor. marked 1/4

chains.	s. on N. face and raise a mound of stone 2 ft. base 1½ ft. high. N. of cor. Pits impracticable. Ascend along S. slope.
64.00	Ledges. bears N.E. and S.W.
89.26	The cor of secs. 29, 30, 31, and 32, Land mountainous. Soil, stony: 4th rate. Timber cedar and pine. Mountainous land. 89.26 chs.
	N. 0° 01' W. bet secs. 29 and 30. Ascend through scattering cedar and pine. soil stony.
11.50	Top of mountain and cliffs 60 ft. high bears S.W. Descend.
11.58	Foot of cliffs.
18.00	Leave cedars. enter dense undergrowth.
30.28	Shingle creek 3 lks. wide. and bottom of canon course N.
33.00	Old trail bears E. and W. Ascend
40.00	Set a Bradyle 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 1½ ft. high W. of cor. Pits impracticable.
53.00	Top of ridge. bears E. and W. Descend.
62.00	Bottom of ravine, course N.W.
69.00	Stony spur slopes W.
76.50	Branch 3 lks wide flows N.W.
80.00	Bottom of canon. 300 ft. deep. course N. Set a Bradyle stone 18 x 10 x 9 ins.; 12 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.

Chains.	Said stony; 4th rate.
	Timber. Pine and cedar.
	Mountainous land. 80.00 chs.
	Note. Sky being overcast could take no observation for lat. this day.
	June 26, 1897.
	June 27. At 7 a.m. l.mt. we set off 38° 58' N. on the Lat. arc; 23° 20' N. on the decl. arc; and determine a true meridian inside the polar at the cor. of secs. 19. 20. 29 and 30. Thence we run
	E. on a random line bet. secs. 20 and 29.
40.00	Set temp. 1/4 sec. cor.
80.06	Intersect N. and S. line 8 chs. N. of the cor. of secs. 20. 21. 28 and 29.
	Thence we run
	N. 89° 57' W. on a true line bet. secs. 20 and 29.
	Descending over rolling land, through scattering pine and aspen.
	soil stony.
40.03	Set a Bradyte stone 18 x 12 x 8 ins., 12 ins. in the ground for 1/4 sec. cor. marked 1/4., on N. face, and raised a mound of stone 2 ft. base 1 1/2 ft. high. N. of cor. Pits impracticable.
40.25	Bottom of ravine 60 ft. deep course N.W. descend.
48.00	Ledges, bears N. 40° E. trees timber
57.00	Ledges, bears N. 40° E. begin rapid descent
80.06	Bottom of canon 300 ft. deep course N.
	The cor. of secs. 19. 20. 29 and 30.
	Land mountainous.
	Said stony; 4th rate.
	Timber. Pine and aspen.
	Mountainous land. 80.06 chs.
	June 27. At this cor. we set off 23° 19' N. on the decl. arc; and at

Subdivision of T. 25 S. R. 2 W. continued

Chains.	12 hrs. 03 m. l. m. t. observe the sun on the meridian the resulting lat. is 38° 38' N.
	W. on a random line bet. secs. 19 and 30.
40.00	Set temp. 1/4 sec. cor.
89.25	Intersect W. bdy. of Tp. at [illegible] the Closing cor. for secs. 19 and 30 previously described
	Thence we run
	East [illegible] on a true line bet. secs. 19 and 30.
	ascend. through scattering cedar and mahogany.
27.15	Top of ridge. bears N.E. and S.W.
33.55	Descend.
43.50	Ledges. bears N.E. and S.W.
49.25	Set a Trachyte stone 16 x 8 x 8 ins., 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on N. face, and raise a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable
50.50	Foot of slope.
	Branch 4 lks. wide and waterfall, about 8 or 9 ft. high. course S.W.
53.50	Same branch 4 lks. wide, course N.W. in bed
	ascend.
65.00	Top of low spur slopes S.W.
	Descend. leave cedars
78.50	Branch 4 lks. wide. course S.W.
	Bottom of canon 300 ft. deep. course S.W.
	ascend along canon.
89.25	The cor. of secs. 19. 20. 29 and 30.
	Land mountainous.
	Soil. stony. 4th rate.
	Timber. Cedar and mahogany.
	Mountainous land. 89.25 chs.
	June 27. 1897.
	June 28. At 7 a. m. l. m. t. we set off 38° 38' N. on the lat. arc: 23° 16' N. on the decl. arc: and determine a true

Chains	meridian with the solar at the cor. of secs. 19. 20. 29. and 30. Thence we run
	N. 0° 01' W. bet. secs. 19 and 20. along bottom of canon.
2.00	Branch 3 lks. wide flows W. Mouth of ravine course S.W. Ascend. through dense undergrowth over stony soil.
16.50	Top of ridge. bears N.E. and S.W. Descend.
28.20	Ravine, course S. W. Ascend enter scattering cedars.
±40.00	Set a Brachylē stone 16 x 10 x 9 ins., 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on W. face and raise a mound of stone 2 ft. base 1/2 ft. high, W. of cor. Pits impracticable.
±80.00	Leave cedars, enter sage brush.
80.00	Set a Brachylē stone 17 x 9 x 8 ins., 12 ins. in the ground for cor. of secs. 17. 18. 19 and 20. marked with 5 notches on E. and 3 notches on S. edges. and raise a mound of stone 2 ft. base, 1/2 ft. high, W. of cor. Pits impracticable. Land mountainous. Soil stony; 4th rate. Timber, cedar. Mountainous land. 80.00 chs.
	June 28: At this cor. we set off 23° 16' N. on the decl. arc: and at 12 hrs. 03 m. G. M. T. observe the sun on the meridian, the resulting lat. is 38° 38' N.
	S. 89° 57' E. on a random line bet. secs. 17 and 20.
40.00	Set temp. 1/4 sec. cor.
79.96	Intersect N. and S. line 6 lks. S. of the cor of secs. 16. 17. 20 and 21.

Chains	
	Thence We run
	W. on a true line. bet secs. 17 and 20.
	Descend along S. slope of mountain over stony soil.
22.50	Ledges. bears N. and S.
31.50	Foot of slope. along level through dense sage brush. scattering cedar and aspen.
36.00	Ascends. along S. slope of mountain.
39.98	Set a Trachyte stone 24 x 17 x 10 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 1 1/2 ft. high N. of cor. Pits impracticable.
79.96	The cor. of secs. 17. 18. 19. 20
	Land, mountainous.
	Soil. stony: 4th rate.
	Timber. Aspen and cedar.
	Mountainous land 79.96 chs.
	June 28. 1897.
	June 29: At 7h 05m a.m. l. m.t. We set off 38° 38' N. on the lat arc: 23° 14' 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
	West. on a random line bet. secs. 18 and 19
40.00	Set temp. 1/4 sec. cor.
89.22	Intersect W. bdy. of Tp. at the closing cor. of secs. 18 and 19, previously described
	Thence We run
	E. on a true line bet. secs. 18 and 19, ascending over stony soil through scattering pine and cedars.
49.22	Set a Trachyte stone 14 x 12 x 10 ins., 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raise

Subdivision of T. 25 S., R. 2 W. Continued.

Chains	
	a mound of stone 2 ft. base 1½ ft. high. W. of cor. Pits impracticable.
83.50	Top of high ridge slopes S. W.
	Descend along south slope
89.22	The cor. of secs. 17. 18. 19. and 20.
	Land mountainous.
	Soil stony; 4th rate.
	Timber. Pine and Cedar.
	Mountainous land. 89.22 chs.
	June 29; At this cor we set off 23° 12' N. on the decl. arc: and at 12 hrs. 03 m. l. m. t. observe the sun on the meridian the resulting lat. is 38° 38' N.
	N. 0° 01' W. bet secs. 17 and 18
	Ascend.
5.00	Top of mountain bears E and W.
7.50	Descend. through scattering pine and cedar.
40.00	Set a Limestone 16 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.
57.50	Leave scattering timber.
65.00	Ravine course N. W. a small spring 8 chs. Cash.
71.50	Top of ridge bears E and W.
77.00	Head of ravine course N. W.
	Ascend.
80.00	Set a Granite stone 24 x 12 x 10 ins., 18 ins. in the ground for cor. of secs. 7. 8. 17 and 18. marked with 5 notches on E. 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 stony: 4th rate.
	Timber. Pine and cedar.
	Mountainous land 80.00 chs.
	June 29. 1897.

Chains	June 30: At 7 a.m. l.m.t. We set off 38° 39' N. on the lat. arc: 23° 10' N. on the decl. arc: and determine a true meridian with the polar at the cor of secs. 7. 8. 17 and 18.
	Thence We run
	E. on a random line bet. secs. 8 and 17.
40.00	Set temp. 1/4 sec. cor.
80.01	Intersect N. and S. line at the cor of secs. 8. 9. 16 and 17.
	Thence We run
	N. on a true line bet. secs. 8 and 17,
	Descend over very stony sail. through scattering pine and mahogany
40.00½	Set a Trachyte stone 17 x 10 x 7 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	Bottom of canon 200 ft. deep course N.W. Ascend leave timber enter dense undergrowth
63.30	Top of stony ridge, bears: N.W. and S.E. Descend elder scattering cedar and mahogany.
80.01	The cor of secs. 7. 8. 17 and 18.
	Land, mountainous.
	Soil stony: 4th rate.
	Timber, Pine, cedar and Mahogany.
	Mountainous land 80.01 Chs.
	June 30: At this cor We set off 23° 08' N. N. on the decl. arc: and at 12 hrs. 03 m. l.m.t., observe the sun on the meridian the resulting lat. is 38° 39' N.
	W. on a random line bet. secs. 7 and 18.
40.00	Set temp. 1/4 sec. cor.
89.18	Intersect W. bdy of Tp. at the closing cor of secs. 7 and 18. previously described.
	Thence We run.

Subdivision of T. 20 S., R. 2 W. Continued

Chains	
	East, on a true line bet. secs. 7 and 18.
	Ascend west slope of mountain.
	through scattering pine and cedar.
	soil stony.
49.00	Top of ridge, bears: N. 5° W. and S. 5° E.
49.18	Set a Trachyte stone 18 x 10 x 9 ins., 12 ins.
	in the ground for 1/4 sec. cor. marked
	1/4 S. on N. face and raise a mound
	of stone 2 ft. base 1 1/2 ft. high N. of cor.
	Pits impracticable. Leave scattering cedars
	Descend enter dense undergrowth
64.43	old trail and bottom of ravine.
	200 ft. deep. Course N. W. ascend
85.00	small ravine course N. W.
89.18	The cor. of secs. 7. 8. 17. and 18.
	Land mountainous.
	Soil stony; 4th rate.
	Timber. Pine and cedar.
	Mountainous land 89.18 chs.
	June 30. 1897.

July 1; At 7 a.m. l. m. t., We set off 38° 39' N. on the lat. arc: 23° 06' N. on the dec'l arc: and determine a true meridian with the solar at the cor. of secs. 7. 8. 17 and 18.
Thence We run,
N. 0° 01' W. bet. secs. 7 and 8.
Ascend. soil stony. through scattering cedar

42.26	Top of ridge, bears: N. W. and S. E.
	Descend leave scattering cedar
33.80	old trail bears W. bottom of
	wide ravine, course W., ascend
40.00	a Trachyte stone 24 x 18 x 12 ins.,
	above the ground in place marked
	with cross on top and 1/4 on W. face
	and raise a mound of stone 2 ft. base
	1 1/2 ft. high W. of cor. Pits impracticable.
40.13	Perish of stony open slopes W.

Subdivision of T.25S. R.2 W. Continued.

Chains.	
	along W. slope.
58.50	Enter cedars.
68.00	Leave cedars. begin rapid descent
77.00	Foot of slope over rolling land.
80.00	Set a Trachyte stone 30 x 30 x 12 ins., 22 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 stony: 4th rate.
	Timber cedars.
	Mountainous land. 80.00 chs.
	July 1: At this cor. We set off 23° 04' N. on the decl. arc: and at 12 hrs. 04 m. l. m. t. observe the sun on the meridian the resulting lat. is 38° 40' N.
	E. on a random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect N. and S. line 1 lk. S. of the cor. of secs. 4. 5. 8 and 9.
	Thence We run
	W. on a true line bet. secs. 5 and 8.
	Ascending over rolling land.
17.00	Ridge bears N.W. and S.E. descend
14.50	Cotton wood creek and bottom of canon course N.W.
36.50	Top of ridge slopes N.W. descend.
39.97	Set a Trachyte stone 14 x 10 x 10 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 W. of cor. Pits impracticable.
60.00	Bottom of ravine and branch 3 lks. wide course N.W.
	Ascend
65.50	Ridge bears N.W. and S.E. Descend
79.94	The cor of secs. 5. 6. 7 and 8.
	Land mountainous.

Chains	
	Soil stony; 4th rate.
	Timber cedar.
	Mountainous land. 79.94 chs.
	July 1st 1897.
	July 2nd 1897:
	At 7 a.m. l.m.t. We set off 38° 40' N. on the lat. arc; 23° 01' 30" N. on the decl. arc; and determine a true meridian with the polar at the cor. of secs. 5. 6. 7 and 8.
	Thence We run
	West. on a random line bet. secs. 6 and 7
40.00	Set limp. 1/4 sec. cor.
89.15	Intersect W. bdy. of 9th, at the closing cor. of secs. 6 and 7 previously described
	Thence We run
	East on a true line bet. secs. 6 and 7
	Ascend over stony and gravelly soil through scattering cedars
40.39	Wood road bears N.W. and S.E.
49.15	Set a trachyte stone 14 x 11 x 8 ins., 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Pits impracticable
64.85	Bottom of running course N.W. ascend
89.15	The cor. of secs. 5. 6. 7 and 8.
	Land mountainous
	Soil stony and gravelly 3rd and 4th rate
	Timber cedar,
	Mountainous land " 89.15 chs.
	July 2nd 1897. At this cor. We set off 23° 00' N. on the decl. arc; and at 12 hrs 04 m. p.m. l.m.t. observe the sun on the meridian the resulting lat. is 38° 40' N.
	N. 0° 01' W. on a random line bet. secs. 5 and 6.
40.00	Set limp. 1/4 sec. cor.

Subdivision of T. 25 S. R. 2 W. Continued.

Chains	
75.78	Intersect N. bdy. of Tp. 5.35 chs E. of the cor. of secs. 31 and 32 S. bdy of T. 24 S. R. 2 W., the falling is beyond the limits prescribed by the Manual of Instructions. We therefore set a closing cor. for secs 5 and 6. Tp 25 S. R. 2 W. as follows:- Set a trachyte stone 18 x 12 x 8 ins., 12 ins. in the ground for closing cor. of secs. 5 and 6. marked C. C. on S., with 5 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. Thence We run
	S. 0° 01' E. on a true line bet. secs. 5 and 6.
	Ascend along W. slope of ridge through scattering cedar, soil stony,
23.80	Top of spur projects W. descend,
35.78	Set a trachyte stone 16 x 10 x 9 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,
56.50	Drag road bears E. and W.
59.50	Branch 5 lks wide course W. ascend
75.78	The cor of secs. 5. 6. 7 and 8.
	Land mountainous
	Soil stony: 4th rate
	Timber cedar scattering
	Mountainous land 75.78 chs.
	July 2nd 1897.

Retracement of Subdivisions of T. 25 S. R. 2 W.

Sec 23 of This Tp does not close within the proper limits, therefore retrace as follows:-
We begin at the corner of secs 14 and 23 previously described
Thence We run

East on a retracement line bet secs 14 and 23, and at 40.00 chs. after diligent search no trace of old 1/4 cor can be found, and at 79.51 chs. the old cor of secs 13 and 14 as previously described, N. 1.10 chs. dist. the course of this line is therefore S. 89° 13' W. Thence N. on a retracement line bet secs 13 and 23, 10.80 chs the closing cor of secs 23 and 24 previously set by us and at 40.00 chs after diligent search found no trace of old 1/4 sec. cor. and at 86.60 chs Intersect a point N. 2° 40' W. from the closing cor. of secs 24 and 25 E. bdy. Pp. Running this is the point for the cor. of secs. 13, 18, 19 and 24 Tps. 2 S. Rs. 1 and 2 W., from the retracement made of the W. bdy of T. 2 S. R. 1 W., thereby we set a cor. for secs. 13, 18, 19, and 24, as follows:

Set a Brachyle stone 14 x 10 x 9 ins., 10 ins. in the ground for cor. of secs 13, 18, 19 and 24 marked with 3 notches on the N. and S. edges and raised a mound of stone 2 ft. base, 1/2 ft. high W. of cor. Pits impracticable.

Thence we run S. 2° 40' E. on a retracement line bet. secs. 19 and 24 Tps. 2 S. Rs. 1 and 2 W., at 40.00 chs. search diligently but find no trace of old 1/4 sec. cor. can be found, and at 81.12 chs. Intersect the closing cor. previously set by us. This closes secs. 23 and 24.

As sec 26 of this Tp does not close on the proper limits we retrace as follows:

We begin at the cor of secs 26, 27, 34 and 35 previously described and run East on a Blank line bet secs 26 and 35 at 40.00 chs. after diligent search no trace of 1/4 sec cor can be found, and

See corrected Notes Book

See corrected Notes book

See corrected Notes book

at 82.60 chs. Intersect N and S line 8 lks S of the cor. of secs. 25, 26, 35 and 36 previously described this makes the closing. Therefore we conclude our work is correct. The course of this line is therefore S 89° 56' W.

General Description.

This portion of the township is entirely mountainous. The soil ranges from gravelly loam to stony clay.

The southern part of the township is well watered, all the branches are tributary to Monroe Creek.

This portion has quite a heavy growth of aspen and pine timber while the northern and western has scattering cedar, pinion pine and mahogany with dense growth sage, oak and juniper brush.

The south eastern portion of the township is excellent grazing and the entire township would be considered good range land. There is a small reservoir on the sec line bet secs. 28 and 29 but we were unable to learn who owned the same.

Mr Moroni Hunt, Thos Hunt and David Collins, were residents of Monroe. Their claims must be located in the township south. There are no visable indications of mineral.

Hubert D. Paglia
George C. Swan
U.S. Deputy Surveyors

Final Oaths of Deputy Surveyors and their 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 ..... base and ..... 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

.....

Final Oath of United States Deputy Surveyor.

I, ..., United States Deputy Surveyor solemnly swear that, in pursuance of instructions received from ..... United States Surveyor General for ....., bearing date of ..... 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 Surve General for ....., the Manual of Surveying Instructions, and the laws of United States, surveyed all those parts or portions of .....

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

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

.....

United States Deputy Surv

Subscribed by said ....., United States Deputy Surveyor, and sworn to before me this ..... day of ....., 189 .

SEAL

.....

.....

APPROVAL.

Office of the United States Surveyor General,

Salt Lake City, Utah, May 26th, 1899

The foregoing field notes of the survey of the Subdivisions of Township 25 South Range 2 West of the Salt Lake Base & Meridian Utah

..... executed

Hubert D Page and George C Swan

under ~~his~~ their Contract No. 209, dated December 26, 1896, having critically examined, the necessary corrections and explanations made, the said field notes, and the sur they describe, are hereby approved.

Jacob B Bla

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 offi

.....

United States Surveyor General.

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4—679.

II

BOOK A-279

Table of Lot & Depth

215

Correction

FIELD NOTES

OF THE SURVEY OF THE

Subdivision

of

Township No. 25 South

Range No. 2 West

Of the Salt Lake base and Meridian,

In the State of Utah

AS SURVEYED BY

Hubert D Page and Geo. C Irvan, United States Deputy Surveyors

Under ~~his~~ their Contract No. 209, dated December 26th, 1896

Survey commenced May 17th 1901, ~~189~~

Survey completed May 18th 1901, ~~189~~

6—151

NAMES AND DUTIES OF ASSISTANTS.

William O. Walquist Chainman

Jay Morrison "

Ernest Handerson Moundman

Ernest H. Anderson Axman

Harry Lane Flagman

6—151

BOOK A-279

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 O Halquist and Jay Morrison

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 Subdivision of T2S. R2W. of the Salt Lake Base & Meridian, State of Utah.

William O Halquist, Chainman

Jay Morrison, Chainman

Subscribed and sworn to before me this 14th day of May 1901, 189

Hubert D Page
U.S. Deputy Surveyor

SEAL

WE, Ernest H Anderson 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 Subdivision of T2S. R2W. of the Salt Lake Base & Meridian, State of Utah.

Ernest H. Anderson, Moundman

, Moundman

Subscribed and sworn to before me this 14th day of May 1901, 189

Hubert D Page
U.S. Deputy Surveyor

SEAL

WE, Ernest H Anderson 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 Subdivision of T2S. R2W. of the Salt Lake base & Meridian, State of Utah.

Ernest H. Anderson, Axman

, Axman

Subscribed and sworn to before me this 14th day of May 1901, 189

Hubert D Page
U.S. Deputy Surveyor

SEAL

I, Harry Lane, 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 Subdivisions of T2S. R2W. of the Salt Lake Base & Meridian State of Utah

Harry Lane, Flagman

Subscribed and sworn to before me this 14th day of May 1901, 189

Hubert D. Page
U.S. Deputy Surveyor

SEAL

6—151

Subdivision of T. 25 S., R. 2 W.

Survey Commenced
May 17th 1901.
and executed with the instrument described in book 1 of this survey.

We know from recent observation made May 14th and 15th at the cor. of secs. 10, 11, 14 and 15 T. 24 S., R. 2 W.
and recorded in book I of this survey, that the instruments is in adjustment.

At 8 a.m., l. m. t.,
At the cor. of secs. 2, 3, 10 and 11
which is a trachyte 8 x 6 x 4 ins. above ground, firmly set and marked as directed by the Surveyor General.

We set off 38° 40' N. on dec. arc: 19' 17" W. on dec. arc: and determine a true meridian with the solar.

We know by previous survey the length of this line is 87.34 chs. and the course N. 3° 54' E.
Therefore,
We run
N. 3° 54' E.
Set secs. 2 and 3.
Descend
0.50 Leave timber
4.65 Wagon road
Meas. E. and W.
5.65 Enter timber

Subdivision of T. 25 S. R. 27 E. continued.

Chains	
27.00	Leave timber.
31.55	Wagon road bears N. W. and S. E.
40.00	the 1/4 sec. cor. established by us. We destroy all trace of same.
43.78	Set a trachyte 16 x 16 x 5 ins. 10 ins. in the ground, for reëstablished 1/4 sec. cor. marked 1/4 S. 3 on W. 2 on E. faces. Raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable.
50.00	Top of mountain and ridge bears E. and W. descend through heavy aspen and pine timber.
87.34	The cor. of secs. 2 and 3 on the N. bdy. of T. Land, Mountainous Soil, clay and loam. 2nd rate. Timber, heavy aspen and pine. Mountainous land and heavily timbered 87.34 chs.
	We begin at a point N. 2° 13' W. 65 lks. from the reëstablished cor. of secs. 22, 23, 26 and 27. where this cor. was originally established. Thence We run N. 3° 17' W. bet. secs. 22 and 23.
7.35	Begin steep descent. Enter pine and aspen timber.
27.35	Head of ravine, Course E.

Subdivision of T. 25 S., R. 2 W. Continued.

Chains.	
32.00	Stony knoll 30 ft. high. Descend along E. side of ridge
39.15	The 1/4 sec. cor. set by us for destroy all trace of same.
41.23	set a trachyte 18 x 9 x 5 ins. 10 ins. in the ground for re-established 1/4 sec. cor. marked 1/4 S. 22 on W. 23 on E. faces. From which a pine 10 ins. in diam. bears S. 50° W. 28 lks. dist. marked 1/4 S. 22 B.T. An aspen 3 ins. in diam. bears S. 40° E. 6 lks. dist. marked 1/4 S. 23 B.T.
79.48	The cor. of secs. 14, 15, 22 and 23 set by us. for destroy all trace of same. at this point. We set a closing cor. for secs. 15 and 22 as follows: Set a trachyte stone 15 x 10 x 5 ins. 10 ins. in the ground for Closing Cor. to secs. 15 and 22. marked C.C. on W. with 3 grooves on S. and 2 grooves on E. faces. From which a pine 9 ins. in diam. bears S. 51° W. 29 lks. dist. marked T. 25 S., R. 2 W. S. 22 B.T. A pine 4 ins. in diam. bears N. 70° W. 30 lks. dist. marked T. 25 S. R. 2 W. S. 15 B.T.
82.46	set a trachyte stone 16 x 9 x 6 ins. 11 ins. in the ground for re-established cor. of secs. 14 and 23. marked with 3 notches on the S. and 2 notches on E. edges. From which a pine 24 ins. in diam. bears N. 89 E. 39 lks. dist. Marked T. 25 S. R. 2 W. S. 14 B.T.

Subdivision of T. 7 S., R. 2 W. continued.

Chains	
	A pine 7 ins. in diam. bears S. 77° E. 30 lks. dist. marked T. 36 S., R. 2 W. S. 73 B.T.
	Land, mountainous.
	Soil, Stony 3rd rate
	Timber, aspen and pine.
	Mountainous land
	Heavily timbered 82.47 chs.
	At this cor. the set off 19° 18' N. on dec. arc; and at 12h 40m. l.m.t. observe the sun on the meridian the resulting lat. is 38° 38' N.
	N. 3° 17' W.
	Set secs. 14 and 15.
	Descending over rolling land through heavy pine and aspen timber.
26.00	Spring branch 2 lks. wide, in bottom of ravine 400 ft. deep, course E., ascend.
37.08	The 1/4 sec. cor. established by us. No distinct trace of same.
41.23	Set a trachyte stone 14 x 11 x 5 ins. 10 ins. in the ground, for reëstablished 1/4 sec. cor. marked 1/4 S. 14 on E. face, from which an aspen 3 ins. in diam. bears E. 12 lks. dist. marked 1/4 S. 14 B.T.
46.01	Top of ridge, bears N. E. and S. W., descend.
77.15	Cor. of secs. 10, 11, 14 and 15, established by us. No distinct trace of same.
82.46	Set a trachyte stone 15 x 10 x 4 ins. 10 ins. in the ground, for reëstablished cor. of secs. 10, 11, 14 and 15, marked with 4 notches on the S. and 2 notches on the E. edge, from which an aspen 8 ins. in diam. bears N. 62° E. 53 lks. dist. marked T. 35 S. R. 2 W. S. 11 B.T.
	An aspen 3 ins. in diam. bears S. 78° E.

Subdivision of T. 25 S. R. 2 W. continued.

Chains	
	22 lks. dist. marked T. 25 S. R. 2 W. S. 14 B.T.
	An Aspen 6 ins. in diam. bears S. 60° E. 25 lks. dist. marked T. 25 S. R. 2 W. S. 15 B.T.
	An Aspen 4 ins. in diam. bears N. 67° W. 18 lks. dist. marked T. 25 S. R. 2 W. S. 10 B.T.
	Land, mountainous
	Soil, stony 3rd rate
	Timber, pine and aspen
	Mountainous land and heavily timbered 82.46 chs.
	N. 3° 17' W.
	bet. secs. 10 and 11.
	Descend over rolling land, through heavy pine and aspen timber.
21.00	Leave timber, bears E. and W.
22.00	Wagon road, bears E. and W.
	South side of Reservoir bears E. and W.
25.50	North waters edge of Reservoir bears E. and W.
32.00	Enter heavy aspen timber bears E. and W.
37.00	Ridge, bears E. and W.
40.80	Leave timber, bears E. and W.
41.23	Old 1/4 sec. cor. which is a teachyte stone 8×6×5 ins. above ground marked as described by the Surveyor General, Thence North.
63.93	Old sec. cor.
	marked as described by the Surveyor General, Witness trees being partly destroyed, We mark other trees, as follows; a pine 6 ins. in diam. bears N. 84° E. 8 lks. dist. marked T. 25 S. R. 2 W. S. 2 B.T.
	a pine 10 ins. in diam. bears

May 17

Subdivision of T. 25 S. R. 2 W. continued.

S. 36° E. 20 lks. dist. marked T. 25 S., R. 2 W. S. 11 B.T.
A pine 8 ins. in diam. bears S. 11° W. 20 lks. dist. marked T. 25 S. R. 2 W. S. 10 B.T.
An Aspen 10 ins. in diam. bears N. 76° W. 27 lks. dist. marked T. 25 S., R. 2 W. S. 3 B.T.
Land, mountainous, soil
Soil 3rd rate.
Timber, aspen and pine.
Mountainous land and heavily timbered 63.93 chs.

May 18th 1901.
At 8 a.m., l.m.t., we set off 19°30' N. on decl. arc; 38°39' N on lat. arc; and determine a true meridian at the cor. of secs. 10, 11, 14 and 15.

Thence we run
West on a true line
bet. secs. 10 and 15
Ascending through heavy pine and aspen timber
17.00 Topofridge, bears N. and S.
24.62 1/4 sec. cor. set by us.
bears S. 4.66 chs.
We destroy all trace of same.
34.60 Spring branch 2 lks. wide in bottom of ravine 100 ft deep.
Course N.
Enter scattering timber.
40.00
Set a trachyte stone 13 x 12 x 5 ins 9 ins. in the ground for reestablished 1/4 sec. cor. marked 1/4 S. 10 on N. 15 on S. faces. raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor.
Pits impracticable.

Subdivision of T. 25 S. R. 27 E. continued.

Chains	
	From which a pine 8 ins. in diam. bears S. 13 30' E. 125 lks. dist. marked 1/4 S. 15 B.T. No other bearing trees within limits.
43.00	Enters heavy pine and aspen timber bears N. W. and S. E.
51.70	Creek 3 lks. wide in a ravine pine woods flows N. ascend.
64.34	Intersects N. and S. line 5.21 chs. N. of the cor. of secs 9, 10, 15 and 16. which I fix mark for secs. 9 and 16. only. and at place of intersection set a hacky & stone 15 x 12 x 8 ins. 10 ins. in the ground, for Closing Cor. to secs 10 and 15. marked C.C. on E. with 3 grooves on the E. and 4 grooves on the S. faces, From which an aspen 5 ins. in diam, bears N. 41° E. 27 lks. dist. marked T. 25 S, R. 27 E, S. 10 B.T. an aspen 6 ins. in diam. bears S. 41° E. 55 lks. dist. marked T. 25 S R. 27 E. S. 15 B.T.
	Land mountainous Soil 3rd rate. Timber, aspen and pine. Mountainous land and heavily timbered 64.34 chs.
	We began at the cor. of secs 14 and 23. and knowing by previous survey the course of this line. therefore we run

Subdivision of T. 25 S., R. 22 E. Continued

Chains	
	S. 88° 47' E.
	bet. secs. 14 and 23.
	Descend, through heavy pine and
	Aspen timber.
30.00	Spring branch, 2 lks. wide
	in bottom of Canon 300 ft deep.
	Course N. E.
39.92½	After diligent search no trace
	of old 1/4 sec. cor. can be found.
	Set a Hachyte stone 16 x 12 x 10 ins. 11
	ins. in the ground, for 1/4 sec. cor.
	Marked 1/4 S. 14 on N. 23 on S faces.
	Dom. set trick a pine 4 ins. in diam.
	bears N. 40 lks. Marked 1/4 S. 14 B.T.
	A pine 7 ins. in diam bears S.
	3 lks. dist marked 1/4 S 23. B.T.
41.10	Spur projects N. descend.
56.00	Creek 2 lks. wide, in ravine 150
	ft deep. course N. E.
70.00	Spur, projects N. descend.
✓ 79.85	Intersect dld cor. to secs. 13, 14, 23
	and 24.
	previously described.
	We obliterate all marks pertaining
	to secs. 23 and 24. and mark bearing
	trees as follows:
	A pine 5 ins. in diam. bears
	N. 60° E. 18 lks. dist. marked T. 25 S.
	R. 1 W. S. 13. B.T.
	a pine 4 ins. in diam. bears
	N. 51° W. 15 lks. dist. marked T. 25 S.
	R. 1 W. S. 14 B.T.
	and raised a mound of stone
	2 ft base 1½ ft high, N. of cor.
	Pits impracticable
	Land mountainous
	Soil, stony 3rd rate
	Timber, aspen and pine.
	Mountainous land and heavily
	timbered 79.85 chs.

Subdivision of T. 25 S., R. 24 E. Continued

Chains	
	Thence We run East on a blank line bet secs 13 and 24.
4000	after diligent search No old 1/4 sec. cor., can be found.
8399	We find the old cor. to secs 13, 18, 19 and 24. 3.37 chs. S. which is a trachyte stone 19 x 14 x 7 ins in a mound of stone marked as described by the Surveyor General. We reset same stone and raise a mound of stone 2 ft. base 1½ ft. high. W. of Cor. Pits impracticable. The course of this line is therefore N. 87° 42' W., and the dist 83.97 chs.
	We begin at the cor. of secs. 13 and 14. Thence We run S. 87° 42' E. on true line bet. secs. 13 and 23. Over rolling land, through heavy pine and aspen.
300	Dig pits, course N., ascend
10.80	the closing Cor. of secs 23 and 24 set by us. Bears W. 43 lks. dist. We destroy all trace of same and at this point which makes the line bet. secs. 23 and 24. 80.85 chs. set a trachyte stone 16 x 16 x 10 ins. lins. in the ground for closing cor. to secs 23 and 24 marked C.C. with 3 grooves on S. and 1 groove on E. faces.

Chains	
	raised a mound of stone 2 ft. base 1 1/2 ft. high S. of Cor.
	Pits impracticable.
	A Balsome 8 ins. in diam. bears S. 48 W. 9 lks dist. marked T. 25 S. R. 1 W. S. 23 B.T.
	a Balsome 10 ins. in diam. bears S. 32 E. 8 lks. dist. marked T. 25 S., R. 1 W., S. 24 B.T.
	Thence
	bet. secs. 13 and 24.
41.98	set a hackberry stone 15 x 10 x 5 ins. 10 ins. in the ground, for re-established 1/4 sec. cor.
	marked 1/4 S. 13 on N. face,
	raised a mound of stone 2 ft. base 1 1/2 ft. high N. of Cor.
	Pits impracticable.
	Cor falls in burnt timber and bearing trees impracticable
83.97	The cor. of secs. 13, 18, 19 and 24.
	Previously described.
	From this point the cor. for secs. 13, 18, 19 and 24
	established by us.
	bears N. 40° 46' E. 4.12 chs. dist.
	We obliterate all trace of the same.
	From retracement made
	from this cor. and recorded in book E
	of this survey.
	We calculate bearings.
	From the old cor. of secs. 13, 18, 19 and 24
	the cor. of Trs 25 S., Rs. 1 and 2 W.,
	bears N. 1° 59' W. 236.29 chs. dist.
	and the cor. of secs. 19 and 30. T. 25 S., R. 1 W.

Subdivision of T. 25 S., R. 2 W. concluded

bears S. 4°43' E. 79.13 chs. dist.

Land mountainous
Soil, stony
Timber, aspen and pine,
Mountainous land,
heavily timbered 8397 chs.

May 18th 1901.

For general description see
Book E

Hubert D. Page,
George C. Swan,
U.S. Deputy Surveyors.

Latitude departures and Closing errors.

Lines designated	True bearing	Distance	Latitude N.	Latitude S.	Departure E.	Departure W.
5th Standard Parallel S.	West	489.28				489.28
W. bdy. T. 25 S., R. 2 W.	N.	475.80	475.80			
N. " " "	E.	357.07			357.07	
" " " "	S. 89° 08' E.	115.86		1.77	115.85	
E. " " "	S. 1° 59' E.	236.29		236.15	8.18	
E. " " "	S. 4° 43' E.	79.13		78.86	6.50	
E. " " "	S. 0° 20' E.	159.05		159.05	.92	
Convergency					.58	
Totals			475.80	475.83	489.10	489.28
				475.80		489.10
Error in Lat. and dep.				.03		.18

Hubert D. Page
George C. Swan
U.S. Deputy Surveyors

There being no notary public or other officer authorized to administer oaths within reasonable distance at the beginning or ending of the survey, in order to save time and expense, I administer the preliminary and final oaths myself.

Hubert D. Page
U.S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D Page and George C Swan, United States Deputy Surveyors, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the Subdivision of Township 25 South Range 2 West of the Salt Lake Base & Meridian Utah showing the respective capacities in which they acted:

William O. Walquist, Chainman.
Jay Morrison, Chainman.
Ernest H. Anderson, Moundman.
, Moundman.
Ernest H Anderson, Axman.
, Axman.
Harry Lane, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and George C Swan, United States Deputy Surveyors, in surveying all those parts or portions of the Subdivision of Township 25 South Range 2 West of the Salt Lake base and meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by ~~him~~ them and under ~~his~~ their 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 Utah

William O Walquist Chainman.
Jay Morrison, Chainman.
Ernest H. Anderson, Moundman.
, Moundman.
Ernest H. Anderson, Axman.
, Axman.
Harry Lane, Flagman.

Subscribed and sworn to before me this 25th day of May, 1901

Hubert D. Page
U.S. Deputy Surveyor.

SEAL

6—151

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Hubert S. Page and George E. Swan, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from George W. Shaw, United States Surveyor General for the District of Utah, bearing date of the 26th day of December, 1896, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for the District of Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivisions of Township 25 South Range 2 West

of the Salt Lake Base and meridian, in the State of Utah, 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 the District of Utah, 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 submit to the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Hubert S. Page
George E. Swan
United States Deputy Surveyors

Subscribed by said Hubert S. Page and George E. Swan, and sworn to before me this 5th day of December 1896.

SEAL

Edward M. Anderson
U. S. Surveyor-General
for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 5th, 1896.

The foregoing field notes of the survey of the subdivisional lines of Township 25 South Range 2 West of the Salt Lake Base and Meridian, Utah

executed by Hubert S. Page and George E. Swan under his contract No. 209, dated December 26, 1896, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the 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

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235

BOOK A-279

N.J.B.

FIELD NOTES

OF THE SURVEY OF

The

Subdivision

of

Township No. 24 South

Range No. 2 West.

Of the Salt Lake Base and Meridian,

In the State of Utah

AS SURVEYED BY

Hubert D. Page and George C. Swan, United States Deputy Surveyors

Under thier Contract No. 209, dated December 26, 1896

Survey commenced June 18th, 1897.

Survey completed July 19th, 1897

(1319—2,500.)

		M. Ch. Ch.
Subs.	high	28-52-60 ✓
"	closing	10-76 ✓
Mine pro tune Bo.	" high	9-42-21 ✓
" " " "	N. Bdy. high	3-02-07 ✓
Retracement	Cnty. W. Bdy.	1-00-00 ✓
"	" Subs.	3-02-82 ✓

Names and Duties of Assistants.

James M. Lentz. Chainman.

James Holdaway Chainman.

Douglas A. Swan Jr. Chainman

Quen A. Smoot Jr. Chainman.

James M. Lentz. Moundman.

James Holdaway Moundman

Samuel Meacham Axman Charles A. Cramer Axman and Flagman

For preliminary affidavits see book "B"

Volume
#
R0279

BOOK A-279

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.....

6—151

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 upon even and uneven ground, and plumb the tally pins either by sticking or dropping the same; th
we will report the true distance 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 establishment
corners, according to the instructions given us, to the best of our skill and ability, in the survey of _____

_____

_____, *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 corne
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 th
survey of _____

_____

_____, *Flagma*

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

SEAL

_____

_____

Resurvey of Subdivision of T. 24 S., R. 2 W.

Survey Commenced June 18th 1897, and executed with the instrument described in book "A" and "B"

at 2 p.m. L.m.t. We set off 23° 27' W. on the decl. arc, 38° 4' N.E. lat. arc, and determine a true meridian with the solar, the line thus determined falls on the mark of the True Meridian established by the Polaris observation made June 9th 1897 at the cor. of R. 24 and 25 S., Rs. 2 and 3 W.

Preliminary to commencing the subdivision of this township, we run N. on a blank line on the E. bdy. of sec. 36. at 40. chs we find the 1/4 sec. cor. which is a trachyte stone 6 x 8 x 7 ins. above ground set firmly and

marked 1/4 on W. face. Mound of stone 2 ft. base, 1 1/2 ft. high. W. of cor. and at 80.00 chs. the cor. of secs. 25, 30, 31 and 36. W. 1 lk. dist. which is trachyte stone 13 x 14 x 10 ins. laying loose, 5 notches on the N. and 1 notch on S. edges. laying loose on the ground. The land in this vicinity is subject to floods. therefore, we reestablish the cor. at the same point as follows: Set a blue granite boulder 36 x 36 x 16 ins. on a solid rock base, 16 ins. in the ground for cor. of secs. 25, 30, 31 and 36 marked with

5 notches on the N. and one notch on the S. edges raised a mound of stone 3 ft base, 2 ft. high W. of cor.

Resurvey of Subdivision of T. 24 S., R. 2 W.- contin.

The course of this line is therefore North.
Thence We run E. on a blank line bet. secs. 30 and 31, at 40. chs We find 1/4 sec. cor. which is a trachyte stone 25 x 11 x 8 ins. set in a mound of stone marked 1/4 on the N. face. raised Mound of stone, 2 ft. base 1½ ft high N. of cor.
and at 79.93 chs. We find a partly destroyed mound of rock, No Marked rock could be found, S
We reestablish the cor. at this place as follows:
Set a granite stone 16 x 10 x 6 ins. 11 ins. in the ground, for cor. of secs. 29 and 30. Marked with 5 notches on the E. and 1 notch on the S. edges; raised a mound of stone N. of the cor.
Thence We run N. on a blank line bet. secs. 19 and 30. and at 39.90 chs. We find the 1/4 sec. cor. W. 26 lks. dist. which is trachyte stone 8 x 10 x 10 ins. above ground, firmly set & marked 1/4 on W. face. raised a mound of stone 2 ft. base, 1½ ft. high W. of Cor. The course of this line is therefore N. 0° 22' W. Without moving the cor. We continue our line N. and at 80.11 chs. We find the cor. of secs. 19, 20, 29 and 30. E. 1.81 chs. dist. which is a trachytic rock 14 x 12 x 8 ins 8 ins. above the ground. set firmly. marked with 5 notches on the E. and 2 notches on the S. edges. raised a mound of stone 2 ft. base, 1½ ft. high. W. of cor. The course of this line is therefore N. 2° 56' E. dist 40.36 chs.

Thence We run E. on a blank line bet. Secs. 20 and 29. and at 40.75 chs. We find the 1/4 sec. cor. N. 10 lks. dist. which is a trachyte rock 8 x 14 x 7 ins. above ground set firmly. Marked 1/4 on N. face, raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor. The course of this line is therefore N. 89° 51' E. Without moving to the cor. We continue our line E. and at 81.69 chs. We find the cor. of secs. 20, 21, 28 and 29. N. 1/2 lks. dist. which is a trachyte rock 8 x 10 x 6 ins. above the ground. Marked as described by the Surveyor General. We raise a mound of stone 2 ft. base, 1 1/2 ft. high. N. of the cor.

The course of this line is N. 89° 58' E.

Thence We run N. on a blank line bet. Secs. 20 and 21. 40.00 chs, after diligent search no old 1/4 sec. cor. can be found. 80.68 chs. we find the cor. of secs. 16, 17, 20 and 21. W. 9 lks. dist. which is a trachyte rock 8 x 12 x 10 ins. above ground: firmly set and marked as described by the Surveyor General. We rebuild mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.

The course of this line is therefore N. 0° 08' W.

Thence We run E. bet. secs 16 and 21 39.63 chs. we find the 1/4 sec. cor. N. 18 lks dist. which is a trachyte rock 8 x 9 x 6 ins. above the ground, firmly set, and marked 1/4 on the N. face raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor.

The course of this line is therefore N. 89° 44' E.

78.93 chs. we find the cor. of secs. 15, 16, 21 and 22. N. 45 lks. dist. which is a trachyte rock 8 x 11 x 10 ins. above ground, firmly set, and marked as described by the Surveyor General. We rebuild mound of stone 2 ft. base, 1½ ft. high N. of cor.

The course of this line is therefore N. 89° 36' E.

Thence we run E. on a blank line bet. secs. 15 and 22. 40.13 chs. We find the ¼ sec. cor. S. 17 lks. dist. which is a trachyte 8 x 10 x 5 ins. above ground, firmly set, and marked ¼ on the N. face, raised a mound of stone 2 ft. base 1½ ft. high N. of cor.

The course of this line is therefore S. 89° 50' E. Thence we run E. 80.63 chs. We find the cor. of secs. 14, 15, 22 and 23. Which is a trachyte rock 8 x 11 x 10 ins. above ground, firmly set, and marked as described by the Surveyor General. We rebuild mound of stone 2 ft. base, 1½ ft. high N. of cor.

The course of this line is therefore East.

Thence we run N. bet. secs. 14 and 15. 40.00 after diligent search no old ¼ sec. cor. can be found. 81.15 chs. We find the cor. of secs. 10, 11, 14 and 15. E. 7 lks dist. Which is a trachyte rock 16 x 17 x 9 ins. Lying loose in a mound of rocks. We reestablish the cor. in the same place as follows:

Set a trachyte rock 16 x 17 x 9 ins. 11 ins. in the ground, for cor. to secs. 10, 11, 14 and 15, marked with

4 notches on the S. and 2 notches on the E. edges, raised a mound of stone 2 ft. base 1½ ft. high W. of cor.

The course of this line is therefore N. 0° 34' E.

Thence we run N. on a blank line, bet. secs. 10 and 11.

40.00 chs. after diligent search no old ¼ sec. cor. can be found.

80.00 chs. after diligent search no old sec. cor. can be found.

120.00 chs. after diligent search no old ¼ sec. cor. can be found.

164.94 chs. We find a mound of rock, bearing evidences of a cor. but no marked rock.

W. 3 lks. dist. We reestablish cor. at this place as follows:

Set a trachyte stone 18 x 6 x 5 ins. 12 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked with 2 notches on the E. and 4 notches on the W. edges raised a mound of stone 2 ft. base, 1½ ft. high W. of cor.

The course of this line is therefore N. 0° 07' W.

Thence We proceed to the cor. of secs. 34, 33 and 34, which is a trachyte stone 15 x 7 x 6 ins. in a mound of rock, marked as described by the Surveyor General.

Thence we run E. on a blank line, bet. secs. 3 and 34.

42.80 chs. We find the ¼ sec. cor. N. 20 lks. dist. which is a trachyte stone 6 x 8 x 6 ins. above the ground, firmly set and marked ¼ on W. face, raised a mound

See corrections Note Book 1.

of stone 2 ft. base, 1½ ft. high, N. of cor.

The course of this line ~~and~~ is therefore N. 87° 03' E. dist. 42.86 chs.

We continue our line E. and at 80.49 chs. We find the cor. of secs. 2, 3, 34 and 35 established by us. N. 5.26 chs. dist.

The course of this line is therefore N. 85° 25' E. dist 37.81 chs.

Thence We run E. on a blank line bet. secs. 2 and 35

40.19 chs. we find the 1/4 sec. cor. N. 56 lks. dist. which is a trachyte stone 8 x 6 x 6 ins. above ground, firmly set, and marked 1/4 on N. face, raised a mound of stone 2 ft base, 1½ ft. high N. of cor. The course of this line is therefore N. 89° 17' E. a distance 40.19 chs.

Thence We run E. on a blank line 40.00 chs. after diligent search no old sec. cor. can be found. 180.00 chs after diligent search no old 1/4 sec. cor. can be found. 181.21 chs. We find the cor. of 1, 12, 13 and 24 S. Rs. 1 and 2 W.

N. 65 lks. dist. which is a trachyte stone 7 x 8 x 5 ins. above ground, firmly set and marked as described by the Surveyor General.

The course of this line is therefore N. 89° 42' E.

The township north having been subdivided, We reestablish the missing corners in their original places, and by allowing proportionate measurements.

We run

Resurvey of the N. bdy. of T. 24 S., R. 2 W.

June 22nd, 1897. At 7 a.m., l.m.t. We set off 38°46' N on the lat. arc; 23° 28' N. on decl. arc; and determine a true meridian, at the the cor. of T. 23 and 24 S. Rs. 1 and 2 W.

Thence We run

S. 89°42' W. bet. secs. 1 and 36.

descending over stony ground through dense sage brush.

40.40½ Set a trachyte stone 14 x 8 x 7 ins. 10 ins in the ground for 1/4 sec. cor. marked 1/4 on N. face, raised a mound of stone 2 ft. base, 1½ ft. high N. of Cor. Pits impracticable.

70.40 County road to Glenwood N. W. and S. E.

79.95 Road top of Mountain from Glenwood N. W. and S. E.

80.81 Set a trachyte stone 18 x 8 x 7 ins. 12 ins in the ground, for cor. of secs. 35 and 36. marked with 5 notches on the W. and 1 notch on the E. edges raised a mound of stone 2 ft. base, 1½ ft. high W. of Cor.

Pits impracticable.

Mountainous land,

Soil, stony 4th rate.

No timber.

Mountainous land 60.81 chs.

Thence We run

S. 89°42' W. bet. secs. 2 and 35.

ascending over rolling land, through dense sage brush.

0.08 Wash 20 x 1½ drains N.

16.20 Top of ridge, bears N. and S. descend.

40.40 The 1/4 sec. cor. Thence We run S 89°12' W. ascend.

50.00 Top of ridge. bears N. and S. descend.

80.59 The cor. of secs. 23, 34 and 35.

Land mountainous

Soil stony 4th rate.

No timber

Mountainous land 60.59 chs.

Resurvey of N boundary of T.24 S. R.2 W.

Chains.	
	Thence we run.
	S. 85°27' W. on a true line bet. secs. 3 and 34 over rolling land.
4.25	Begin ascending
22.00	Old wagon road, bears N. E. and S. W.
37.81	The old 1/4 sec. cor.
	Thence we run
	S. 87°03' W.
80.67	The cor. of secs. 3, 4, 33 and 34 on top of ridge. bears N. and S.
	Land, mountainous.
	Soil stony, 4th rate.
	No timber.
	Mountainous land 80.67 chs.
	June 22nd at 2 p.m., l.m.t., we set off 38°46' N on lat. arc; 23°27' N. on decl. arc. and determine a true meridian with the solar; at the cor. of secs. 2, 3, 34 and 35.
	Thence we run
	S. 07' E. on a true line bet. secs. 2 and 3. over rolling land ascend.
See corrective Note Book 1. 44.94	set a trachyte stone 16×10×7 ins. 11 ins. in the ground for reestablished 1/4 sec. cor. marked 1/4 on N. face. raised a mound of stone 2 ft. base, 1 1/2 ft. high. N. of cor. Pits impracticable
84.94	Set a trachyte stone 15×10×6 ins. 10 ins. in the ground for reestablished cor. of secs. 2, 3, 10 and 11. marked with 5 notches on the S. and 3 notches on the E. edges. raised a mound of stone 2 ft. base, 1 1/2 ft. high. N. of cor. Pits impracticable.
	Land, mountainous.
	Soil, rocky 4th rate
	No timber.
	Mountainous land. 84.94 chs.

Resurvey of subdivision of T. 24 S., R. 2 W.

Chains.	
	Thence W. per run S. 0°07' E. on a true line bet. secs. 10 and 11. Over rolling land, through scattering cedar. descend.
30.00	Bottom of ravine 150 ft. deep; course N. W.
37.40	Old wagon road, bears N. W. and S. E. ascend.
40.00	Set a trachyte stone 15 x 7 x 6 ins. 10 ins. in the ground for reestablished 1/4 sec. cor. Marked 1/4 on W. face. raised a mound of stone 3 ft. base, 2 ft. high. W. of cor. Pits impracticable
57.00	Top of ridge, bears S. E. and N. W. descend.
80.00	The reestablished cor. of secs. 10, 11, 14 and 15. Land, mountainous. Soil, rocky 4th rate. Timber, scattering cedar. Mountainous land 80.00 chs.
	Thence W. per run S. 0°31' W. on a true line bet. secs. 14 and 15. Over rolling land, through scattering cedar and pine descend.
20.00	Dry run at foot of ridge drains N. E.
40.67 W.	Set a trachyte stone 15 x 11 x 4 ins. 10 ins. in the ground for reestablished 1/4 sec. cor. Marked 1/4 on W. face. raised a mound of stone 2 ft. base, 1 1/2 ft. high. W. of cor. Pits impracticable.
46.50	Wagon road bears N. E. and S. W.

See corrected Note Book

Resurvey of Subdivision of T. 24 S., R. 2 W. - continued

Chains.	
81.15	The cor. of secs. 14, 15, 22 and 23. Land, mountainous. Soil, stony 4th rate. Timber; cedar and pine. Mountainous land. 81.15 chs. Cloud obscures the sun, can take no observation for lat. this day. June 22nd 1897.
	June 23rd 1897. At 7 a.m. l.m.t., We set off 38°44' N. on lat. arc; 23°27' N. on decl. arc; and determine a true meridian with the solar, at the cor. of secs. 10, 11, 14 and 15. Thence We run E. between Secs. 11 and 14. Over rolling land, through scattering cedar, descend.
17.50	Dry run, drains N.
22.50	Dry run, drains N. ascend.
40.15	Old 1/4 sec. cor. which is a trachyte stone 8 x 14 x 9 ins. above ground firmly set. and marked 1/4 on N. face.
49.50	Wagon road, bears N. E. and S. W. ascend
67.10	Top of ridge, bears N. and S. descend.
77.00	Bottom of ravine 75 ft. deep course N.
81.00	We find the cor. of secs. 11, 12, 13, and 14. Which is a trachyte stone 16 x 14 x 9 ins. on the ground, in slight depression. marked as described by the Surveyor General. We set stone 11 ins. in the ground, and rebuild mound of stone 2 ft base, 1 1/2 ft. high N. of cor. Pits impracticable. Land, mountainous. Soil, stony 4th rate.

Contd.

9 c

Chains	
	Timber, scattering cedar. Mountainous land, 81.00 chs.
	Thence We run S. bet. secs. 13 and 14. Over rolling land, through scattering cedar, and dense sage brush. ascend.
10.00	Bottom of ravine 200 fs. deep course N.W.
24.50	Top of ridge bears N. W. and S.E.
40.50	We find the old 1/4 sec. cor. which is a trachyte stone 6 x 9 x 9 ins. above ground firmly set, and marked 1/4 on W. face. Land, mountainous. Soil, stony. 4th rate. Timber, scattering cedar, mountainous land. 40.50 chs.
	From the cor. of secs. 14, 15, 22 and 23. We run W. on a true line bet. secs. 15 and 22. Over rolling land, through dense sage brush, ascending
19.00	Top of ridge bears N. and S. descend.
40.50	The old 1/4 sec. cor. Thence We run N. 89° 50' W.
67.50	Ravine 75 fs. deep course N.W. ascend.
73.00	Top of ridge, bears N. W. and S.E. descend.
80.63	The cor. of secs. 15, 16, 21 and 22. June 23rd 1897. at this cor. We set off 23° 26' N. on dec. and; ~~and~~ at

Chains.	
	11 h. 58 m. l. m. t.
	We observe the sun on the meridian the resulting latitude is 38° 43' N.
	Land, mountainous
	Soil, stony 4th rate
	No timber
	Mountainous land and dense undergrowth
	80.63 chs.
	Thence we run
	S. 89° 36' W. on a true line bet. secs. 16 and 21.
	Over rolling land, through dense sage brush.
	Descend
20.50	Irrigation conduit 5 lks wide pure water flows N. W.
39.30	The old 1/4 sec. cor.
	Thence we run
	S. 89° 44' W. on a true line bet. secs. 16 and 21.
45.00	Old wagon road bears N. W. and S. E.
78.93	The cor. of secs. 16, 17, 20 and 21.
	Land, rolling
	Soil, stony 3rd and 4th rate
	No timber
	Dense undergrowth 78.93 chs.
	Thence we run
	S. 0° 08' E. on a true line bet. secs. 20 and 21
	Over rolling land, through dense sage brush.
22.70	Wood road, bears N. W. and S. E.
40.30	Set a trachyte stone 15 x 9 x 4 ins. 10 ins. in the ground for reestablished 1/4 sec. cor.

Resurvey of subdivision of T. 24 S., R. 21 E. - Continued.

Chains	
	Marked 1/4 on W. face, raised a mound of stone 2 ft. base, 1½ ft. high, W. of cor.
	Pits impracticable.
	ascending.
80.68	The cor. of secs. 20, 21, 28 and 29.
	Land, rolling.
	Soil, stony 3rd and 4th rate
	No timber.
	Dense undergrowth
	80.68 chs.
	Thence W. run
	S. 89° 58' W. on a true line
	bet. secs. 20 and 29.
	Over rolling land, through dense sage brush.
	descending.
0.70	Old wagon road, bears N. W. and S. E.
21.70	Old wagon road bears N. W. and S. E.
33.35	Old wagon road bears N. W. and S. E. In bottom of ravine 25 ft. deep, course N. W.
40.94	The old 1/4 sec. cor.
	Thence W. run
	S. 89° 51' W.
	bet. secs. 20 and 29.
58.60	Old wagon road, bears N. W. and S. E.
63.60	Old wagon road, bears N. W. and S. E.
64.80	Small creek 3 lks. wide pure water flows N
81.69	The cor. of secs. 19, 20, 29 and 30.
	Land, rolling.

Chains	
	Soil, stony 3rd & 4th rate. No timber Dense undergrowth. 81.69 chs.
	Thence W/s runs S. 2° 56' W. on a true line bet. secs. 29 and 30. Over rolling land, through dense sage brush. Ascending.
40.36	The old 1/4 sec. cor.
	Thence W/s runs. S. 0° 22' E. bet. secs. 29 and 30. Enters scattering cedar.
47.10	Dry wash, drains N. W.
80.26	The cor. of secs. 29. 30, 31 and 32.
	Land, rolling. Soil, stony 3rd & 4th rate Timber, scattering cedar. Dense undergrowth. 80, 26 chs.
	At this point W/s discontinue this resurvey as the line bet. secs. 30 & 31 and along the W. bdy. of T. is within the limits as shown by the retracement.
	W/s begin at the cor. of secs. 15, 16, 21 and 22. Thence W/s run E. on retracement
22.70	W/s find the 1/4 cor. which is a trachyte stone 8 x 14 x 10 ins. above ground firmly set and marked 1/4 on N. face

Resurvey of Subdivisions of T. 24 S. R. 2 W.

Chains.	
	Thence We run N on a true line bet. secs. 14 and 23.
	Over rolling land, through dense sage brush. descend.
23.40	Wood road, bears, N. W. and S. E. leave
41.20	The cor. of secs. 14, 15, 22 and 23.
	Land, Mountainous
	Soil, stony 4th rate.
	No timber
	Dense undergrowth 41.20 chs.

The lines around sec 15 will not close therefore We retrace the line bet. sec 15 and 16.

We begin at the cor. of secs. 15. 16 21 and 22.

Thence we run N. on blank line bet. secs. 15 and 16.

40.50 We find the 1/4 sec. cor. E. 36 lks. dist. which is a trachyte stone. 5 x 13 x 12 ins above ground marked 1/4 on W. face.

81.12 We find the cor. of secs. 9, 10, 15 and 16, E. 12 lks. dist. which is a trachyte stone 7 x 13 x 16 ins. above ground firmly set, and marked as described by the Surveyor General. The course of this line is therefore N 0° 31' E.

This closes the section therefore We conclude our work is correct.

Subdivision of T. 24 S. R. 27 W. Extended from Resurvey.

Chains	
	From the 1/4 sec. cor. found on our retracement bet. Secs. 13 and 14. We run S. on E. side of sec. 14. Over rolling land, through scattering Cedar and dense sage brush.
40.68	Intersect E. and W. line extended from 1/4 sec. cor. bet. Secs. 14 and 23. where We establish cor. Set a trachyte stone 15 x 9 x 4 ins. 10 ins. in the ground for cor. of secs. 14 and 23. Marked with 3 notches on the S. and 1 notch on the E edges. raised a mound of stone 2 ft. base, 1 1/2 ft. high. W. of Cor. Pits impracticable. Land, mountainous. soil stony 4th rate. Timber, scattering cedar. Mountainous land. 40.68 Chs.
	Thence We run W. bet. Secs. 14 and 23 Over rolling land through dense sage brush
5.10	Bottom of ravine 75 ft. deep: course N. W. descend.
10.00	Top of ridge bears N. W. and S. E. descend.
35.20	Bottom of ravine 125 ft. deep, course N. W. ascend through oak brush.
36.20	Wood road, bears N. W. and S. E. leave oak Brush.
40.60	The 1/4 sec. cor. previously described Land, Mountainous soil, stony 4th rate. No timber Mountainous Land and Dens under growth 40.60 Chs.

Subdivision of T. 24 S., R. 2 W.

July 14th 1897 at 7 a.m. l.m.t., we set off 38°41' N on the lat. arc; 21°37' N. on decl. arc; and determine a true meridian, at the cor. of secs. 35 and 36. on the South bdy. established by us
Thence we run
N 0°1' W. bet. secs. 35 and 36.
descending over stony soil, through dense undergrowth along the W. side of Water Cañon
The cor. above mentioned having been placed on steep slope we place Witness cor. as follows.

10.20 Set a trachyte rock 24 x 15 x 10 ins 18 ins. in the ground, for Coring Cor. of secs. 35 and 36. Marked with 1 notch on the E., 5 notches on the W. edges, and W.C. on the N.E. face, raised a mound of stone 2 ft. base, 1½ ft. high N. of cor.
Pits impracticable.

40.71 set a trachyte rock 14 x 8 x 6 ins. 10 ins. in the ground, for ¼ sec. cor marked ¼ on W. face. raised a mound of stone 2 ft. base, 1½ ft high W. of cor. Pits impracticable.

80.71 Allowing for Southing of S. bdy.
set a trachyte rock 15 x 8 x 5 ins. 10 ins. in the ground. for cor. of secs. 25, 26, 35 and 36. marked, with 1 notch on the S. and E. edges. and raised a mound of rock 2 ft. base, 1½ ft. high W. of Cor.
Pits impracticable
Land, broken and mountainous.
Soil, rocky. 4th rate.
No timber
Mountainous land 80.71 chs.

Chains.	
	E. on a random line bet. secs. 25 and 36.
40.00	Set temp. 1/4 sec. cor.
80.03	Intersect E. bdy. of Tp., 2 lks. N. of the cor. of 25 and 36 on E. bdy. of T.
	Thence up run N. 89° 59' W. on a true line bet. secs. 25 and 36.
	Begin descending over stony and rolling land, through dense sage and oak brush. Scattering mahogany
73.50	Bottom of ravine. 100. ft deep
	Cross N. 30° W. old wagon road.
40.01½	Set a trachyte stone, 14 x 8 x 6 ins. 10 ins. in the ground, for 1/4 sec. cor. Marked 1/4 on N. face. Raised a mound of stone 2 ft. base, 1½ ft. high. N. of cor. Cits impractical
62.00	Begin rapid descent into Cañon cedar scattering pine and Aspen timber
74.50	Bottom of Water Cañon and Water Creek 6 lks. wide. pure water flows North. begin steep ascent. leave timber
80.03	the cor. of secs. 25, 26, 35 and 36. Land, mountainous. Soil, rocky 4th rate Scattering timber, pine and aspen. Mountainous land, 80.03 Ch
	N. 0° 1' W., bet. secs. 25 and 26. Begin descending over broken stony land, along the W. side of Water Cañon through dense under growth.
35.00	Enter scattering Aspen
38.70	Water Creek 6 lks. wide, in bottom of Cañon, pure water flows. N. 25° W. Cañon 400 ft deep.
	Begin ascending
40.00	Set a trachyte stone 15 x 7 x 6 ins.

	10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, Raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable
58.00	Leave Aspen timber enter scattering Mahogany and cedar
60.00	trachyte cliffs 20 ft. high bear E. and W.
66.75	Top of rocky ridge 700 ft. above 1/4 sec. cor. bears N.W. & S.E. begin steep descent.
78.50	old wagon road and bottom of ravine, 600 ft. deep. Course N. W.
80.00	Set a trachyte stone 24 x 12 x 6 ins. 18 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked with 2 notches on the S. and 1 notch on the E. Edges raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable. Land, mountainous. Soil, stony, 4th rate. Timber, scattering Aspen Mahogany and cedar. Mountainous land 80.00 chs. July 14th At this cor. we set off 21°34' N on decl. arc; and at 12h 6m p.m. We observe the sun on the meridian; the resulting lat. is 38°43' N.
	S. 89°59' E., on a random line bet. secs. 24 and 25.
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect E. bdy of township at the cor. of secs. 24 and 25. Thence we run N. 89°59' W., on a true line bet. secs. 24 and 25. Begin ascending over stony

chains.	
	ground through dense under-growth sage, oak and juniper brush
10.50	Enter heavy Mahogany timber at foot of boulder knole.
17.50	Top of boulder knole.
22.00	Leave boulder knole and Mahogany. enter rolling land.
40.00	Set a trachyte stone 13 x 8 x 6 ins 9 ins. in the ground for 1/4 sec. Cor. marked 1/4 on N. face. raised a mound of stone 2 ft base, 1 1/2 ft. high N. of Cor. Pits impracticable.
50.90	Enter scattering cedar and pinion pine timber.
62.80	Begin steep descent.
80.00	The cor. of secs. 23, 24, 25 and 26. Land, mountanious Soil Stony 3rd and 4th rate. Timber, Mahogany, cedar and pinion pine. Mountanious land, 80.00 chs.
	N. 0° 1' W. on a random line bet. secs 23 and 24.
39.39	Intersect an E and W. line 7 lks E. of the cor. of secs. 14 & 23 set by us. Thence We run S. 0° 6' E., on a true line bet secs. 23 and 24. Begin ascending along N. slope of ridge, over rolling land through dense sage brush.
18.70	Enter ledges and slide rock. Spur projects W. begin descending along S.W. slope of ridge.
28.70	ledges 15 ft high N. W. and S. E.
39.39	the cor. of secs. 23, 24, 25 and 26. Thence We proceed to a point 61 links

Subdivision of T. 24 S., R. 2 W. - Continued

	N. of the cor. of secs 14 and 23 and establish 1/4 sec. cor. to sec. 24 as follows:
40.00	Set a trachyte stone 15x6x8 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on E. face. raised a mound of stone 2 ft. base, 1 ft. high E. of cor. Pits impracticable. Land, mountainous. Soil, stony ... 4th rate. No timber. Mountainous land . 40.00 chs.
	July 15th 1897. At 7 a.m. l.m.t, We set off 38°43' N. on lat. arc; 21°28' N. on dec. arc; and determine a true meridian with the solar. at the cor. of secs. 13 and 24 on E. bdy. of T. Thence We run N. on a random line bet. secs. 13 and 24.
40.00	Set Temp. 1/4 sec. cor.
80.08	Intersect N. and S. line 7 lks. S. of the 1/4 sec. cor. for sec. 14. This corresponds to previous survey made on retracement, therefore We set a closing cor. for secs 13 and 24 as follows: Set a trachyte stone 15 x 8 x 6 ins. 10 ins. in the ground for cor. of secs. 13 and 24. Marked C.C. with 1 groove on the E. and 3 grooves on the S. faces. raised a mound of stone 2 ft. base, 2 ft. high E. of cor. Pits impracticable. Thence we run E. on a true line bet. secs. 13 and 24. Ascending over rolling land, through dense sage brush and scattering cedar.
9.00	Top of ridge bears N. W. and S. E.
21.00	Bottom of ravine, 200 ft. deep. course N. W.
40.04	Set a trachyte stone 15 x 8 x 5 ins. 10 ins. in the ground for 1/4 sec. cor, marked 1/4 on N. face, raised a mound of stone 2 ft. base, 2 ft high N. of cor. Pits impracticable.

Chains.	
41.00	Wagon road to top of Mountain bears N.W. and S.E.
80.08	The cor. of secs. 13 and 24 on E. bdy. of Tp. Land, mountainous. Soil, stony 4th rate. Timber scattering cedar. Mountainous land 80.08 chs.

We know by previous surveys and intersection line between secs. 13 and 14 the cor. of secs. 11 and 14 is 40.57 chs. N. from the closing cor. to secs. 13 and 24. We obliterate the marks pertaining to secs. 12 and 13 and establish a 1/4 sec. cor. to sec. 13. S. 57 links. as follows: Set a trachyte stone 15 x 6 x 6 ins. 18 ins. in the ground for 1/4 sec. cor. to sec. 13. marked 1/4. on E. face. raised a mound of stone 2 ft. base, 2 ft. high E. of cor. Pits impracticable. Thence We run N. on a true line bet. secs. 13 and 14. Over rolling land, through dense sage brush and scattering cedar. along W. slope of ridge.

See Corrections Order Book 1

0.57	The cor. of secs. 11 and 14.
	Thence We run N. 0° 01' W. bet. secs. 11 and 13.
25.50	Wagon road, along ridge bears N. 7° W. and S.E.
40.00	Set a trachyte stone 15 x 8 x 6 ins. 10 ins. in the ground, for closing cor. of secs. 12 and 13. marked C.C. with 1 groove on the E. and 4 grooves on the S. faces raised a mound of stone 2 ft. base, 2 ft. high E. of cor. Pits impracticable. Land, mountainous. Soil, stony 4th rate. Timber, scattering Cedar Mountainous land, 40.00 chs.

Thence We run E. on a random line bet. secs. 12 and 13.

40.00	Set temp. 1/4 sec. cor.
80.08	Intersect E. bdy. of Tp. at the cor. of secs. 12 and 13.
	Thence We run W. on a true line bet. secs. 12 and 13.

chains	
	Descending over rolling land, through dense undergrowth and scattering cedar.
38.50	Ravine 100 ft. deep. Course N. W.
39.00	Wood road, bears N. W. and S. E.
40.04	Set a trachyte stone 15 x 6 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, raised a mound of stone, 2 ft. base, 2 ft. high N. of cor. Pits impracticable.
69.00	Spur, projects N.
78.00	Ravine 75 ft. deep course N. W.
80.08	The closing cor. of secs. 12 and 13. Land, mountainous. Soil, stony 4th rate. Timber, scattering cedar. Mountainous land 80.08 chs.

N. 0° 01' W. bet. secs. 11 and 12

	Descending over rolling land through dense sage brush and scattering cedar.
0.57	Set a trachyte stone 14 x 6 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. to sec. 11, marked 1/4 on W. face, raised a mound of stone 2 ft. base, 2 ft. high. W. of cor. Pits impracticable.
11.80	Wagon road along top of ridge to top of mountain bears N. 86° E. and S. 87°
16.00	Wagon road to Sands Meadow bears N. E. and S. W.
37.50	Dry wash. 10 x 20 ft. Join from S. E. and S. W. and and drain N. 50° E.
40.00	Set a trachyte stone 15 x 6 x 6 ins. 10 ins. in the ground, for 1/4 sec. cor. to sec. 12. marked 1/4 on E. face raised a mound of stone 2 ft. base, 2 ft. high E. of cor. Pits impracticable.
40.57	Set a trachyte stone 15 x 7 x 5 ins. 10 ins. in the ground for cor. of secs. 2 and 11, marked with 1 notch on the E. and 5 notches on the S. edge. raised a mound of stone 2 ft. base, 2 ft. high W. of cor. Pits impracticable.
58.00	Bottom of ravine 75 deep. course E.
65.00	Spur projects N. E. leave scattering cedar.

Chains	
77.75	Dry wash 12 ft. deep 20 ft. wide drains N. 10° W.
80.00	Set a trachyte stone 15 x 6 x 6 ins. 10 ins. in the ground for closing cor. to secs. 1 and 12 marked C. C. with 1 groove on the E. and 5 grooves on the S. faces, raised a mound of stone 2 ft. base, 2 ft. high. E. of cor.
	Pits impracticable.
	Land, rolling.
	Soil, stony 4th rate.
	Timber, scattering cedar.
	Dense Undergrowth, 80.00 chs.
	July 15th 1897. Sky being over cast can take no observation for latitude this day.
	E. on a random line bet. secs. 1 and 12.
40.00	Set temp. 1/4 sec. cor.
80.03	Intersect E. bdy. of Tp. at the cor. of secs. 1 and 12.
	Thence N. per mag.
	N. on a true line bet. sec. 1 and 12
	Descending over rolling land, through dense sage brush.
0.40	Wood road bears N. and S.
40.01½	Set a trachyte stone 14 x 7 x 5 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, raised a mound of stone 2 ft. base 2 ft. high. N. of cor.
	Pits impracticable.
	descending
73.90	Wagon road to top of Mt. and Sands Meadow. bears N. and S.
77.20	Rocky point, bears N.
80.03	The cor. of secs. 1 and 12.
	Land, rolling.
	Soil, stony 4th rate
	No. timber
	Dense undergrowth. 80.03 chs

Chains.	
	Knowing by previous survey the falling will be beyond the allowable limits We run N. 0°01' W. on a true line bet. secs. 1 and 12.
	Descending over rolling land, dense sage brush.
0.57	Set a trachyte stone 15 x 6 x 6 ins. 16 ins. in the ground for 1/4 sec. cor. to sec. 2. marked 1/4 on W. face, raised a mound of stone 2 ft. base, 2 ft. high W. of cor. Pits impracticable.
10.70	Dry wash 8 ft. deep 20 ft. wide, drains N.E.
40.00	Set a trachyte stone 16 x 6 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. to sec. 1. Marked 1/4 on E. face, raised a mound of stone 2 ft. base, 2 ft. high E. of cor. Pits impracticable.
41.90	Dry wash 12 ft. deep 75 ft. wide drains N. W.
46.29	Intersect N. bdy. of T. N. 89°42' E. 81 lks. from the cor. reëstablished by us. as heretofore described.
	We set a closing cor. as follows; Set a trachyte stone 15 x 7 x 6 ins. 10 ins. in the ground for closing cor. to fractional secs. 1 and 12. Marked C.C. on S. with 5 grooves on W. and 1 groove on E. faces, raised a mound of stone 2 ft. base 2 ft. high S. of cor.
	Pits impracticable.
	We obliterate marks from old cor. to secs. 1, 2, 35 and 36. pertaining to T. 24 S.
	Land, rolling.
	Soil, stony clay — 4th rate
	No timber.
	Dense Undergrowth — 46.29 chs.

	From the cor. to secs. 2 and 11. We run W. on a random line bet. secs. 2 and 11.
41.23	The old 1/4 sec. cor. which is a trachyte stone 4 x 6 x 6 ins. above ground, firmly set and marked as described by the Surveyor General.
	This corresponds to the statement

See corner notes Bo

Chains	
	and reserves;
	therefore
	We run
	East a true line
	bet. secs. 2 and 11.
	Ascending over rolling land, through
	dense sage brush and scattering cedar.
8.00	Top of ridge bears N. and S.
41.23	The cor. of secs. 2 and 11.
	Land mountainous.
	Soil, stony — H^d rate;
	Timber, scattering cedar.
	Mountainous land, 41.23 chs.
	July 15th 1897.

July 16th 1897.

At 8 A.M. L.M.T., We set off 38' 41' N. on lat. arc; 21° 17' N. on dec. arc; and determine a true meridian with the solar, at the cor. of secs. 34 and 35, on the S. bdy. of T.

Thence We run.

N. 0° 01' W. bet. secs. 34 and 35.

Descending over rolling land, through scattering pine and aspen.

5.60	Bottom of ravine, 100 ft. deep, course N. 65° W.
7.00	Leave timber, enter dense sage brush.
	The land at cor. being subject to slides,
	We place witness Cor. at
10.50	On gentle S.W. slope of ridge,
	set a trachyte stone 30 x 10 x 6 ins. on a
	solid rock base, in mound of stone,
	for W.C. to secs. 34 and 35. Marked W.C. on
	N.E. face, with 2 notches on E. and 4
	notches on W. edges.
	Raised a mound of stone 2 ft. base,
	2 ft. high, N. of cor. Pits impracticable.
17.50	Top of ridge bears N.W. and S.E.
75.50	Enter pine and aspen.

Chains	
27.15	Bottom of ravine 100 ft. deep—course N. 70° W.
27.50	Leave timber.
38.00	Enter timber, (heavy pine.)
40.00	Set a trachyte stone 16 x 14 x 12 ins. 11 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. face, raised a mound of stone, 2 ft. base, 1 1/2 ft. high W. of cor. From which a pine 8 ins. in diam. bears E. 10 lks. dist. marked 1/4 S. B. T. a pine 6 ins. in diam. bears W. 12 lks. dist. marked 1/4 S. B. T.
48.50	Trachyte ledges, bear E. and W. Leave timber.
53.50	Enter scattering pine, young growth.
78.90	Ravine 1500 ft. below 1/4 sec. cor. drains N. W.
80.00	Marked a projecting trachyte rock 20 x 20 x 20 ins. for cor. of secs. 26, 27, 34 and 35. Marked with 2 notches on the E. and 1 notch on the S. edges. raised a mound of stone 3 ft. base, 2 ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, stony, 4th rate. Timber, pine and aspen. Mountainous land and Dense undergrowth 80.00 chs.
	E. on a random line bet. secs. 26 and 35.
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. and S. line 5 lks. N. of the cor. of secs. 25, 26, 35 and 36.

Chains	
	Thence West. N. 89° 58' W. on a true line bet. secs. 26 and 35. Begin ascending the West side of cañon over slide rock.
12.50	Leave cañon, ascend over rolling land, enter dense sage brush, and scattering cedar and pinion pine timber.
21.00	Top of ridge, bears N. W. and S. E.
40.00	Set a trachyte stone 16 x 10 x 5 ins. 11 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, raised a mound of stone, 2 ft. base, 1½ ft. high N. of cor. Pits impracticable.
51.50	Ravine 200 ft. deep course N. 40° W.
62.00	Begin rapid descent.
80.00	The cor. of secs. 26, 27, 34 and 35. Land, mountainous. Soil, stony 4th rate. Timber, scattering cedar and pine. Mountainous land and dense undergrowth 80.00 chs.
	N. 0° 01' W. bet. secs. 26 and 27. Descending over rolling, land through dense sage and oak brush, along the N. W. slope of the mountain.
40.00	Set a trachyte stone 16 x 8 x 6 ins. 11 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, raised a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.
70.00	Begin descending W. side of ravine enter scattering cedar and pine.

Subdivision of T. 24 S., R. 2 W. - Continued.

80.00	On West side of ravine. Set a trachyte stone 20 x 10 x 6 ins. 15 ins. in the ground, for the cor. of secs. 22, 23, 26 and 27. Marked with 2 notches on the E. and S. edges. Raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable. Land, mountainous. Soil, stony 3rd and 4th rate. Timber, scattering cedar and pinion pine. Mountainous land and dense undergrowth. 80.00 chs. July 16th; At this cor. We set off 21° 15' N. on decl. arc; and at 12h 6m l.m.t. observe the sun on the meridian; the resulting lat. is 38° 43' N.
	S. 89° 58' E. on a random line bet. secs. 23 and 26.
40.00	Set temp. 1/4 sec. cor.
80.06	Intersect N. and S. line 5 lks. S. of the cor. of secs. 23, 24, 25 and 26. Thence We run West on a true line bet. secs. 23 and 26. Begin descending over stony land.
0.75	Drag road, bears N.W. and S.E.
1.00	Bottom of ravine 15 ft. below sec. cor. Course N.W. begin steep ascent over slide rock and boulders.
8.75	Top of rocky ridge, 800 ft. above sec. cor. bears N. 40° W. and S.E. begin descending.
27.00	Bottom of cañon 1000 ft. deep and Water Creek 5 lks. wide, pure water flows N. 40° W. begin ascending.

Chains	
3550	Top of steep slopes, leave canon, begin descending over rolling stony land, enter dense sage brush and scattering cedar and pinion pine timber.
40.08	Set a trachyte stone 14 x 10 x 8 ins. 10 ins in the ground, for 1/4 sec. cor., marked 1/4 cor. N. f. sec., raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable, from which a cedar 18 ins. in diam. bears S. 60° W. 75 lks. dist. Marked 1/4 S. B. T.
50.00	Top of ridge bears N. W. and S. E.
64.10	Bottom of ravine, 150 ft. deep, course N. 30° W.
71.00	Enter heavy cedars, Top of ridge bears N. W. and S. E.
76.00	Leave heavy cedars.
79.20	Bottom of ravine 150 ft. deep, course N. 64° W.
80.06	The cor. of secs. 22, 23, 26 and 27. Land, Mountainous. Soil Stony 3rd and 4th rate. Timber, cedar and pinion pine. Mountainous land and dense under growth. 80.06 chs.
	N. 0° 11' W. on a random line bet. secs. 22 and 23.
39.43	Intersect E. and W. line 1.88 chs. E. of the cor. of secs. 14 and 15. This corresponds to measurement. Therefore I set a closing cor. as follows: Set a trachyte stone 12 x 12 x 8 ins. 8 ins. in the ground for cor. of fract. secs. 22 and 23. Marked C. C. with 3 grooves on the S. and 2 grooves on the E., raised a mound of stone 2 ft. base 1½ ft. high S. of cor.

Chains	
	Thence W. run S. 8° 1' E. on a true line bet. secs 22 and 23. Begin ascending over rolling land through dense sage brush and scattering cedar and pinion pine timber.
16.90	Irrigation conduct 5 lks wide, pure water, flows W. along W. slope of ridge
39.00	Bottom of ravine, 150 ft. deep. Course N. 64° W.
39.43	The cor. of secs. 22, 23, 26 and 27. Land, mountainous. Soil, stony. 3rd and 4th rate. Mountainous land and dense undergrowth, 39.43 chs

July 17th, 7 a.m., l.m.t., We set off 38° 41' Nov lat. arc; 21° 08' N, on decl. arc; and determine a true Meridian with the solar, at the cor. of secs. 33 and 34 on the S. bdy. of Tp.

Thence W. run.

N. 0° 2' W. bet. secs 33 and 34.

Begin descending N. slope of Mountain, over rolling rocky land through scattering cedar and pine

13.50	Top of ridge, bears N. 60° W. and S. 60° E.
40.00	Set a trachyte stone 14 x 8 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on the W. face, raised a mound of stone 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
61.60	Top of sandstone ledges, leave pine timber, bear E. and W.
68.00	Leave sandstone ledges
77.10	Bottom of ravine, 100.0 ft. below 1/4 sec. cor., course W.

Subdivision of T. 24 S. R. 2 W. continued

	Chains	
—	80.00	on S. slope of ridge set a trachyte stone 16 x 12 x 8 ins 11 ins in the ground for cor of secs 27, 28, 33 and 34 marked with 3 notches on the E. and 1 notch on the S. raised a mound of stone 2 ft base 1½ ft high W. of cor. Pits impracticable. Land mountainous. Soil, stony 4th rate. Timber, scattering cedar and pine. Mountainous land 80.00 chs.
		E. on a random line bet. secs 27 and 34.
	40.00	set temp. 1/4 sec. cor.
	80.00	Intersect N. and S. line at the cor. of secs 26, 27, 34 and 35. Thence we run West on a true line bet. secs 27 and 34. Begin descending over rocky rolling land, through dense sage, juniper and oak brush.
	2.25	Top of trachyte cliffs 75 ft high, bear S. 75 W. and N. 75° E.
	2.75	Bottom of ravine, 100 ft below cor. course N. W.
	10.50	Top of spur projects N.
	19.90	Bottom of ravine 150 ft. deep, course N. E.
	36.00	Bottom of ravine 150 ft deep. Course N.
	37.65	Enter heavy cedar and pinion pine
	40.00	Set a trachyte stone 14 x 12 x 6 ins 10 ins in the ground for 1/4 sec. cor. marked 1/4 on N. face, raised a mound of stone 2 ft base, 1½ ft high N. of cor. Pits impracticable from which a cedar 14 ins. in diam bears N. 25 lks. dist. marked 1/4 S. B. T.

Chains.	
	a cedar 12 ins. in diam., bears E. 40 lks. dist. marked 1/4 S. B.T.
47.90	Maple creek in bottom of ravine 500 ft. deep. 1 lk wide, pure water flows N. 20° W. Leave heavy cedar.
48.35	Drag road, bears N. 30° W. and S. 30° E.
60.45	Top of ridge 400 ft. above creek, bears N. 20° W. and S. 20° E.
70.50	Small wash drains S. W.
80.00	The cor. of secs. 27, 28, 33 and 34. Land, mountainous. Soil, stony 4th rate. Timber, scattering cedar, Mountainous land and dense undergrowth. 80.00 chs.
	N. 0° 2' W., bet. secs. 27 and 28. Begin ascending over stony and rolling land, through scattering cedar and pinion pine.
8.70	Top of ridge, 200 ft. above cor. bears N 60° W. begin descending through dense sage brush
17.70	Bottom of ravine, 250 ft deep below ridge, bears N. 30° W.
38.23	Point for cor. of secs 21 and 28. Where I've set temp. cor.
40.00	Set a trachyte stone 18 x 12 x 10 ins 12 ins. in the ground, marked 1/4 on E. face, for 1/4 sec. cor. sec. 27. and raised a mound of stone. 2 ft. base 1 1/2 ft. high E. of cor. Pits impracticable.
75.00	Bottom of ravine 75 ft. deep course N. W.
78.20	Wood road, bears N. W. and S. E.
80.00	Set a trachyte stone 16 x 10 x 6 ins. 11 ins. in the ground, for cor. of secs. 22 and 27. marked with 3 notches, on the E. and 2 notches on the S. raised a mound of stone 2 ft.

Chains	
	base, 1/2 ft. high. E. of cor. Pits impracticable. Land mountainous. Soil, stony 3rd and 4th rate. Timber scattering cedar. Mountainous land, dense under-growth. 80.00 chs. July 17th at this cor. we set off 21°05' on decl. arc; and at 12h. 6m. l. mt., observe the sun on the meridian; the resulting lat. is 38°43'
	E. on a random line bet. secs. 22 and 27.
40.00	set temp. 1/4 sec. cor.
80.05	Intersect N. and S. line 2 lks S. of the cor. of secs. 22, 23, 26 and 27. Thence we run S 89°59' W on a true line bet. secs. 22 and 27. Begin ascending over rolling and stony land, through scattering cedar and pinion pine and dense sage brush.
10.00	Top of steep slope. begin descending
25.00	Foot of slope nearly level land
34.00	Begin ascending.
40.02½	Set a trachyte stone 16 x 12 x 5 ins 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, raised a mound of stone 2 ft. base, 1½ ft. high N. of cor. Pits impracticable
45.00	Top of spur projects N. begin descending.
59.00	Bottom of ravine 200 ft. deep. course N. 20° W. Maple creek 2 lks. wide ascend
68.00	Bottom of ravine 50 ft. deep course N 10° W
75.00	Top of ridge bears N. W. and S. E.
[illegible]	[illegible] 80 ft. deep [illegible] ascend

Subdivision of T. 24 S., R. 2 W. - Continued.

Chains	
80.05	The cor. of secs. 22 and 27. Land, mountainous. Soil, stony 3rd and 4th rate. Timber, scattering cedar. Mountainous land, and dense under growth. 80.05 chs.
	N. 0°2' W. on a random line bet. secs. 21 and 22.
39.48	Intersect E. and W. line 2.43 chs. S 89°50' E of the cor. of secs. 15 and 16.
	Therefore we set a closing cor. for secs. 21 and 22 as follows; set a trachyte stone 18 x 10 x 6 ins. 12 ins. in the ground for cor of fract secs. 21 and 22. Marked C.C. with 3 groves on the S. and 3 groves on the E. faces. raised a mound of stone 2 ft. base, 1/2 ft. high S. of Cor. and destroy marks on old cor. pertaining to secs 21 and 22. Pits impracticable. Thence we run S. 0°2' E. on a true line bet. secs. 21 and 22, ascending over rolling gravelly land, through scattering cedar and dense sage brush.
11.50	Irrigation ditch. 5 lks. wide pure water flows. N. W.
34.50	Top of ridge. bears N. W. and S. E.
39.48	The cor. of secs. 22 and 27. Land, mountainous. Soil, stony 3rd and 4th rate. Timber, scattering cedar. Mountainous land, and dense Under growth 39.48 chs.
	From the temp. cor. for secs. 21 and 28 we run West on a random line bet. secs. 21 and 28.

Subdivision of T 24 S., R 2 W. - continued

Chains	
40.87	Intersect the 1/4 sec. cor. bet. sec. 21 and 28 which is a trachyte stone 8 x 12 x 10 ins. above ground. marked as described by the Surveyor General. This corresponds to retracement.
	Thence we run E. on a true line between secs. 21 and 28.
	Begin ascending over rolling land, through dense sage brush.
17.20	Top of ridge, bears N. W. and S. E.
	Ascending
32.00	Bottom of ravine 50 ft. deep. course N. W. ascend
40.87	Temp. cor.
	Where we establish closing cor. for Fractional secs. 21 and 28 as follows:
	Set a trachyte stone 14 x 10 x 6 ins 10 ins in the ground for closing cor. of secs. 21 and 28, marked C.C. on W. face. With 3 groves on the E. and 2 groves on the S. faces. raised a mound of stone 2 ft. base 1 1/2 ft. high. W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly 3rd rate.
	No timber.
	Mountainous land, and dense undergrowth 40.87 chs.
	July 18 at 7 a.m., l.m.t. We set off 38° 42' N on lat. arc; 20° 52' N on decl. arc; and determine a true meridian with the solar at the cor. of secs. 27, 28, 33 and 34.
	West on a random line bet. sec. 28 and 33
40.00	Set temp 1/4 sec. cor.
80.46	Intersect N. and S. line 1.77 chs. N. of the 1/4 sec. cor.

Chains.	
	Where we set a closing cor. for secs. 28 and 33 as follows:
	Set a trachyte stone 16 x 8 x 8 ins. 11 ins. in the ground for closing cor. to prac. secs. 28 and 33. Marked C.C. with 4 grooves on the E. and 1 groove on the S. face.
	Raised a mound of stone 2 ft. base 1½ ft. high E. of cor. Pits impracticable.
	From which a pinion pine 7 ins. in diam. bears N. 18 lks dist. marked T 24 S. R 2 W. S. 28. C.C. B.T.
	A cedar 8 ins. in diam. bears S 35° E. 48 lks. dist. marked T 24 S. R 2 W. S. 33 C.C. B.T.
	Thence We run
	E. on a true line bet secs. 28 and 33. See Corner Notes Book
	Begin ascending over rolling and rocky land, through scattering cedar and pinion pine along N. slope of mountain.
21.60	Projecting ledge 3 lks. N. of line. 30 x 30 x 50 ft. above ground. bears N and S.
39.00	Bottom of ravine 1000 ft. deep. Course N. 60° W.
40.23	Set a trachyte stone 16 x 10 x 6 ins. 11 ins. in the ground. for 1/4 sec. cor. Marked 1/4 on N. face.
	raised a mound of stone 2 ft. base 1½ ft. high. N. of cor. Pits impracticable.
80.46	The cor. of secs. 27, 28, 33 and 34.
	Land, mountainous.
	Soil, stony 4th rate.
	Timber, scattering cedar and pinion pine.
	Mountainous land. 80.46 chs.

Subdivision of T. 24 S. R. 2 W. — continued

	Chains	
Secretary Notes Book 1		We begin at the cor. of secs. 32 and 33 on the S. bdy. of Tp.
		N. 0° 3' W. on a random line bet. secs. 32 and 33.
	37.70	Knowing from retracement this is point for closing
	37.70	Cor. We set temp. cor. for secs. 29 and 32.
	40.00	set temp. 1/4 sec. cor. for sec. 33.
	78.20	Intersect 1/4 sec. cor. to sec. 29.
	79.97	Intersect E. and W. line at closing cor. of secs. 28 and 33.
		Thence We run
		S. 0° 3' E. on a true line bet. secs 29 and 33.
		Begin ascending over rolling stony land through dense sage brush and scattering cedar.
	1.77	Intersect 1/4 sec. cor. for sec. 29.
	35.50	Begin steep ascent up N. slope of Mountain.
	39.97	set a trachyte stone 15 x 10 x 6 ins. 10 ins. in the ground, for 1/4 sec. cor. to sec. 33. marked 1/4 on E. face. raised a mound of stone 2 ft. base, 1 1/2 ft. high E. of cor. Pits impracticable.
	47.27	Temp. cor. for secs. 29 and 32.
	66.50	Top of ridge, bears N. 60° W. and S. 60° E.
See Correction notes	79.97	The cor. of secs. 32 and 33.
		Land, Mountainous
1.77		Soil, stony 4th rate
		Timber, scattering cedar. 1.77
		Mountainous land 79.97 chs.

July 18th at 2 p.m. l.m.t. We set off 38° 4' N. on lat. arc; 20° 53' N. on decl. arc; and determine a true meridian with the solar at the cor. of secs. 31 and 32 on the S. bdy.

Thence we run

N. 0° 3' W. bet. secs. 31 and 32

begin descending over rolling stony land along N. slope of ridge

Chains.	
	through scattering cedar and pinion pine
6.10	Bottom of ravine, 200 ft below cor. and creek (Norton.) 1 lk wide, pure water, flows N. 30° W.
37.70	Intersect E. and W. line 3.80 chs. E. of the cor. of secs. 29 and 30. where I've set a closing cor. for secs. 31 and 32 as follows: Set a trachyte stone 24 x 6 x 6 ins. 18 ins. in the ground for cor. of fract. secs. 31 and 32. Marked C.C. with 1 groove on the S. and with 5 grooves on the E. faces. Raised a mound of stone 2 ft base, 1½ ft. high S. of cor. Pits impracticable Land, mountainous. Soil, stony 4th rate. Timber, scattering cedar and pinion pine. Mountainous land, 37.70 chs.
	From the cor. of secs. 29 and 30. I've run E. on a random line bet. secs. 29 and 32.
40.00	Set temp. 1/4 sec. cor.
80.06	Intersect N. and S. line 1 lks. N. of the temp. cor. establish permanent closing cor. for secs. 29 and 32. as follows: Set a trachyte stone 16 x 10 x 5 ins. 11 ins. in the ground for sec. 29 and 32. Marked C.C. on the W. with 4 grooves on the E. and 1 groove on the S. faces. Raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Thence I've run W. West on a true line bet.

Subdivision of T. 24 S. R. 2 W. continued.

Chains.	
	secs. 29 and 32.
	Begin descending over rolling stony land through scattering cedars and pinion pine along the N.W. slope of the Mountain.
40.03	Set a trachyte stone 15 x 10 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. to sec. 32. Marked 1/4 on N. face, raised a mound of stone 2 ft. base, 1 1/2 ft. high. N. of Cor. Pits impracticable.
42.50	Bottom of ravine 500 ft. deep course N.W.
74.10	Top of rocky knob ridge bears N.E. & S.
80.06	The closing cor. of secs. 31 and 32
83.86	The Cor. of secs. 29 and 30. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering cedar and pinion pine. Mountainous land. 83.86 chs
	July 19th At 7 a.m. 6 m.t. We set off 38° 45' N. on lat. arc; 20° 46' N. on decl. arc, and determine a true meridian with the solar at the cor. of secs. 9, 10, 15 and 16, which is a trachyte stone 7 x 14 x 10 ins. above ground. Marked as described by the Surveyor General. Thence We run E. on a random line bet. secs. 10 and 15.
40.00	Set temp. 1/4 sec. cor.
60.00	Intersect N. and S. line at the cor. of secs. 10, 11, 14 and 15. Thence We run W. on a true line bet. secs. 10 & 11. Ascend over rolling land through scattering cedar.
7.40	Top of ridge bears N.E. & S.W. descend.
19.50	Bottom of ravine 100 ft. deep course S.W. enter thick cedar.

Subdivision of Sec. 24 S. R. 7 W. Continued

24.50	Ravine, 100 ft. deep, course S. W.
40.00	Set a trachyte stone 18 x 12 x 8 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 on the N. face, raised a mound of stone 2 ft. base, 1 1/2 ft. high. W. 1/4 of sec. Pits impracticable.
45.30	Bottom of ravine, 200 ft. deep, course S. 30° W. Trees, heavy cedar.
46.00	Wood road, bears S. 70° W. and N. 20° E.
55.00	Bottom of ravine, 150 ft. deep, course S.
62.70	Bottom of ravine 50 ft. deep, course S.
69.00	Bottom of ravine 75 ft. deep, course S.
73.50	Bottom of ravine 75 ft. deep, course S. 80° W.
80.00	The cor. of secs. 9, 10, 15 and 16. Land, mountainous. Soil, rocky, 4th rate. Timber, cedar. Mountainous land, 50.70 chs.

N. bet. secs. 9 and 10. over rolling land.

3.70	Bottom of ravine 60 ft. deep, course W. ascend
16.30	Wood road, bears S. W.
18.00	Bottom of ravine 100 ft. deep, trends S. W.
24.75	Enter scattering cedar.
40.00	On East slope of Mountain. Set a trachyte stone 18 x 8 x 6 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, raised a mound of stone 2 ft. base, 1 1/2 ft. high. Pits impracticable.
44.75	Wood road, bears S. W. and N. E.
56.00	Spur projects, E. descend.
59.00	Bottom of ravine, 100 ft. deep, course E. ascend.
80.00	Set a trachyte stone 18 x 10 x 8 ins. 12 ins. in the ground, for cor. of secs. 3, 4, 9 and 10. Marked with 5 notches on the S. and 3 notches on the E.

Subdivision of T. 24 S., R. 2 W.—Continued

Chains	
	raised a mound of stone 2 ft. base, 1½ ft. high W. of cor.
	Pits impracticable.
	Land, mountainous.
	Soil, stony 4th rate.
	Timber, scattering cedar.
	Mountainous land, 80.00 chs.
	E. on a random line bet. secs. 3 and 10.
40.00	After diligent search no old ¼ can be found.
	Set temp. ¼ sec. cor.
80.54	Intersect N. and S. line at the cor. of secs. 2, 3, 10 and 11. set by us.
See corrective Notes, Book 1.	Thence We run W. on a true line bet. secs. 3 and 10. ascend
	over rolling land through scattering cedar.
9.20	Dry Wash, and Bottom of ravine course N.
13.10	Old wood road, and bottom of ravine course N.
19.00	Old wood road N. 25° E. and S. 25° W. ascend
40.00	Set a trachyte stone 14 x 8 x 5 ins. 10 ins. in the ground for reestablished ¼ sec. cor. marked ¼ on N. face, raised a mound of stone 2 ft. base, 1½ ft. high. N. of cor.
	Pits impracticable.
60.00	Top of ridge, bears S. and N.
68.50	Bottom of ravine 200 ft. deep. course S.
80.54	The cor. of secs. 3, 4, 9 and 10.
	Land, mountainous
	Soil, rocky 4th rate.
	Timber, Very scattering.
	Mountainous land, 80.54 chs.
	W. on a random line bet. secs. 9 and 4.
40.00	set temp. ¼ sec. cor.
80.75	Intersect N. and S. line 5 lks. S. of the cor. of secs. 4, 5, 8 and 9. which is a trachyte stone 5 x 10 x 7 ins. above ground.

Chains	
	and marked as described by the Surveyor General.
	Thence W. 40 chs.
	S. 89° 58' E. on a true line bet. secs. 4 and 9. over rolling land. through sage brush — ascend.
23.00	Top of spur. Projects S. W. descend.
39.10	Bottom of ravine 300 ft. deep course S. 20° W. ascend.
40.00	Set a trachyte stone 18 x 12 x 8 ins. 12 ins. in the ground. for 1/4 sec. Cor. marked 1/4 on N. face, raised a mound of stone 2 ft. base, 1 1/2 ft. high. N. of Cor. Pits impracticable.
76.70	Top of ridge and mountain, bears N. 10° E. and S. 10° W. descend —
80.05	The cor. of secs. 3, 4, 9 and 10. Land, mountainous Soil, rocky 4th rate. No timber. Mountainous land, 80.05 Chs.
	N. on a random line bet. secs. 3 and 4.
40.00	set temp. 1/4 sec cor.
79.70	Intersect N. bdy. of T. at the cor. of secs. 3, 4, 33 and 34. which is a trachyte stone 6 x 7 x 6 ins. above ground. and marked as described by the Surveyor General.
	Thence W. run
	S. on a true line bet. secs. 3 and 4 over rolling land. ascending along the top of Mountain. Main ridge.
39.70	Set a trachyte stone 18 x 12 x 10 ins 12 ins. in the ground for 1/4 sec. Cor. marked 1/4 on N. face. raised a mound of stone 2 ft. base,

1½ ft high N. of Cor.
Pits impracticable.
7450 Top of Mountain bears S.W. and N.E. descend.
7970 The cor. of secs. 3, 4, 9 and 10
Land, mountainous.
Soil, rocky. 4th rate.
No timber.
Mountainous land, 79.70 chs.
Cloud obscured the sun.
Could take no observation for Lat. this day.

General Description.

This portion of the township is entirely mountainous, the soil is stony throughout 3rd and 4th rate.

No crops could be raised without irrigation: the township is poorly watered, but could be improved by the construction of reservoirs; There is a luxurant growth of grass in the ravines and is good grazing.

Scattering timber of all kinds that grows in this part of the country. cedar predominate with a dense sage brush.

The roads in the Southern part have been washed out by recent floods and are impassable.

There are no settlers in this part of the township.

There is no visable indications of Mineral in this part of the township.

Hubert D. Page
George C. Swain
U.S. Deputy Surveyors

Final Oaths of Deputy Surveyors and their 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 ..... base and ..... 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

Final Oath of United States Deputy Surveyor.

I, ..., United States Deputy Surveyor, solemnly swear that, in pursuance of instructions received from ..... United States Surveyor General for ....., bearing date of t ..... 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 t United States, surveyed all those parts or portions of .....

..... of the ..... b and ..... meridian, in the ..... of ....., which are represented in foregoing field notes as having been surveyed by me, and under my directions; and I do further solem swear that all the corners of said survey have been established and perpetuated in strict accordance with 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 t the foregoing are the *true* field notes of such survey; and should any fraud be detected, I will suffer penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....
United States Deputy Surv

Subscribed by said ....., United States Deputy Surveyor, and sworn to before me this ..... day of ....., 189 .

SEAL

APPROVAL.

Office of the United States Surveyor General,

Salt Lake City Utah May 26th, 1899

The foregoing field notes of the survey of the subdivision of Township 4 South Range 2 West of the Salt Lake Base and Meridian Utah

..... execute

Hubert D. Page & George C. Swan

under ~~his~~ their Contract No. 209, dated December 26, 1896 having critically examined, the necessary corrections and explanations made, the said field notes, and the su they describe, are hereby approved.

Jacob B. Blan
United States Surveyor Gene

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

.....
United States Surveyor Genera

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PAGE

I.

BOOK A-279

Cancelled

FIELD NOTES

OF THE SURVEY OF THE

Subdivision

of

Township No. 24 South,

Range No 2 West

Of the Salt Lake Base and Meridian,

State of Utah.

AS SURVEYED BY

Hubert D. Page and George C. Swan, United States Deputy Surveyors

Under ~~his~~ then Contract No. 209, dated December 26th, 1896.

Survey commenced May 14th 1901, 189

Survey completed May 16th 1901, 189

BOOK

NAMES AND DUTIES OF ASSISTANTS.

William O. Wallquist	Chairman
Jay Morrison	"
Ernest Henderson	Moundsman
Ernest H. Anderson	"
Harry Lane	Flagman

6—151

BOOK A-279

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 O. Halquist and Jay Morrison

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 surve Subdivision of T2 4 S, R2 1 W of the Salt Lake base & Meridian, State of

William O Halquist, Chain

Jay Morrison, Chain

Subscribed and sworn to before me this 14th day of May, 1901

Hubert D. Page
US Deputy Survey

SEAL

We, Ernest H. Anderson and

do solemnly swear that we will well and truly perform the duties of moundman in the establish of corners, according to the instructions given us, to the best of our skill and ability, in the surv Subdivision of T2 4 S, R2 1 W of the Salt Lake base & Meridian, State of U

Ernest H. Anderson, Mound

, Mound

Subscribed and sworn to before me this 14th day of May, 1901

Hubert D Page
US Deputy Survey

SEAL

We, Ernest H Anderson and

do solemnly swear that we will well and truly perform the duties of axman in the establishment of co and other duties, according to instructions given us, to the best of our skill and ability, in the surv Subdivision of T2 4 S, R2 1 W of the Salt Lake base & Meridian, State of U

Ernest H. Anderson, Ax

, Ax

Subscribed and sworn to before me this 14th day of May, 1901

Hubert D. Page
US Deputy Survey

SEAL

I, Harry Lane, 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 Subdivision of T2 4 S, R2 1 W of the Salt Lake base & Meridian State of Utah

Harry Lane, Flag

Subscribed and sworn to before me this 14th day of May, 1901

Hubert D. Page
US Deputy Survey

SEAL

6—111

Subdivision of T. 24 S., R. 2 W.

Survey Commenced
May 14th 1901.
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 line
meridian at Salt Lake City,
found correct, and was approved
by the Surveyor General of
Utah, June 16th 1900.

I examined the adjustments
of the instrument, and found
them correct: then, to test
the solar apparatus, by com-
paring 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. 10, 11, 14 and
15. T. 24 S., R. 2 W.
Lat. 38°44' N. Long. 112°02' W.

We set off 38°44' N. on Lat.
arc: 18°39' N. on decl. arc: and
at 4 p. m., l. m. t., determine a
true meridian with the solar
and mark a point
on a stone firmly set in the
ground 5 chs. N. of the cor.

At 9h 54m p. m., l. m. t., We
observe Polaris at lower Culmination

in accordance with manual of instructions, the true meridian thus determined falls on the mark determined by the solar.

May 15th 1901.

At 8 a. m. l. m. t., we set off 38°44' N. on lat. arc: 18°49' N. on decl. arc: the true meridian determined with the polar, falls on the mark determined by the Polaris observation.

The solar apparatus, by p. m. and a. m. observations define the position of the true meridian same as by Polaris observation, therefore, we conclude the adjustments of the instrument de correct.

The magnetic bearing of the true meridian at 8.30 a.m. is N. 16° W. the angle thus determined, reduced by the table, page 100, gives the mean Mag. decl. 15 5/6° E.

In compliance with supplemental special instructions, issued Sept 28th 1899.

We begin at the cor. of secs. 10, 11, 14 and 15, which is a tracing tree 10 x 8 x 5 ins. above ground, firmly set and marked with 4 notches on the S. and 2 notches on the E. edges, with a mound of stone 2 ft. base, 1½ ft. high W. of cor.

From previous survey we found the course and distance between the cors. of sec. 2, 3, 34 and 35, on the

N. bdy. of Tp. and the cor. of secs. 10, 11, 14 and 15. To be. S 0°07' E. 164.94 chs.
Thence W. per run
N. 0°07' W.
Dist. secs 10 and 11.
Ascending, through scattering Cedar and Spruce.
3.00 Ridge, bears E. and W. descend
10.00 Ravine 300 ft. dep. drains E. ascend.
17.50 Spur, projects N.E. descend.
40.00 1/4 sec. cor. set by US.
W. destroy all trace of same.
41.73 1/2 Set a trachyte 15 x 8 x 6 ins. 11 ins. in the ground, for reestablished 1/4 sec. cor., marked 1/4 S. 15 on W. 14 on E. faces, raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of loc.
Pits impracticable.
45.00 Old wagon road
bears N.W. and S.E.
47.00 Ravine 150 ft. dep, course N.W. and
61.50 Top of Ascent, bears N.W. and S.E. descend.
80.00 Cor. of secs 2, 3, 10 & 11
set by US.
W. destroy all trace of same.
82.47 Set a trachyte 15 x 10 x 6 ins. 10 ins. in the ground, for reestablished Cor. of secs. 2, 3, 10, and 11 marked with 5 notches on the S. and 2 notches on the E. edges, raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of Cor.
Pits impracticable.
Land, mountainous,
soil stony clay, 4th rate.
Timber, scattering
Mountainous land. 82.47 chs.

Subdivision of T. 24 S., R. 27 E. continued.

Chains.	
	East on a random line
	bet. secs. 2 and 11.
40.00	Old 1/4 sec. cor. bears S. 2.47 chs.
	which is a trachyte 6 x 6 x 4 ins.
	above ground, firmly set, and
	marked, as described by the Surveyor
	General,
	The course of this line is therefore,
	N. 86° 28' E. and dist. 40.08 chs.
	Thence the run
	N. 86° 28' E.
	bet. secs. 2 and 11. Descends over rolling
	land, through dense artimesia
17.00	Point of spur, projects S.
40.08	The cor. of secs. 2, 3, 10 and 11, 1.60 ft. below ground. Cor.
	Land, mountainous,
	Soil, stony, 4th rate,
	Timber, scattering
	Mountainous land, 40.08 chs.
	West bet.
	secs. 3 and 10.
	Ascending
	through scattering cedar and pinion
9.00	Ravine,
	course N.
11.00	Old wood road
	bears N. and S.
16.30	Road and ravine 10 ft. deep. road
	bears N. and S. ravine drains N. ascend
40.00	Set a trachyte 14 x 8 x 5 ins. 10 ins.
	in the ground, for 1/4 sec. cor.
	marked 1/4 S 3 on N., 10 on S. face,
	raised a mound, of stone 2 ft. base,
	1 1/2 ft. high N. of cor.
	Pits impracticable
	1/4 Cor. set by pus.
	bears S. 2.47 chs.

Subdivisions of T.24S., R.27E. continued.

Chains.	
	We destroy all trace of same.
60.00	Ridge, bears N. and S. descend
68.50	Ravine 500 ft. deep course N. ascend
79.50	Top of mountain ridge 1500 ft. above sec. cor. bears N. and S. descend
80.54	Intersect N. and S. line 24 chs. N. of the cor. of secs. 3, 4, 9 and 10. previously described. This is beyond the limits of 21' of arc. Therefore, We establish a closing cor. for secs. 3 and 10. as follows: Set a trachyte stone 15 x 8 x 6 ins. 10 ins. in the ground for closing cor. of secs. 3 and 10. Marked with 5 grooves on the S. and C.C. with 3 grooves on the E. faces, raised a mound of stone 2 ft. base, 1½ ft. high E. of Cor.
	Pits impracticable.
	Land, Mountainous.
	Soil, Stony. 4th rate.
	Timber, scattering cedar and pinion.
	Mountainous land, 80.54 chs.
	N. 0° 07' E.
	bet. secs. 2 and 3. Descend through scattering cedar and pinion.
31.00	Irrigation ditch, drains N.E.
37.53	¼ sec. cor. set by us.
	We obliterate all trace of same.
41.73½	Set a trachyte stone 16 x 10 x 7 ins. 11 ins. in the ground for re-established ¼ sec. cor. marked ¼ S. 3 on W. 2 on E. faces. Raised a mound of stone 2 ft. base,

Chains.	
	1½ ft. high W. of Cor.
	Pits impracticable.
65.00	Dry run, drains W. ascend mountain.
77.50	Spur, 500 ft. above ¼ sec. cor.
	Projects W. descend.
87.47	Cor. has been destroyed.
	We recognize locality and
	black point where cor. was
	originally placed by partly
	obliterated mound of stone.
	and at this point, We reestab-
	lish the cor. of secs. 2, 3, 34 and 35.
	on N. bdy. of T.
	As follows:
	Set a trachyte stone 18 x 10 x 7 ins.
	12 ins. in the ground for reestablished
	Cor. of secs. 2, 3, 34 and 35
	Marked with 2 notches on the E.
	and 2 notches on the W. edges
	and raised a mound of stone
	2 ft. base, 1½ ft. high. W. of
	Cor. Pits impracticable.
	Land, Nearly level and
	mountainous
	Soil, stony and clay. 3rd and 4th rate.
	Timber, scattering Cedar.
	Level land 65.00 chs.
	Mountainous land 22.47 "
	May 16th 1901.
	We proceed to the closing
	cor. of secs. 28 and 33. set by U.S.
	& obliterate all trace of same
	We begin at the ¼ sec. cor. on the
	E. bdy. of sec. 29.
	which is a trachyte stone 10 x 8 x 4
	ins. above ground firmly set
	and marked ¼ S. on W. face.

Chains.	
	which we also mark. C.C. with 4 grooves on the E. and 1 groove on the S. faces.
	Raised a mound of stone 2 ft. base, 1½ ft. high, E. of cor.
	Pits impracticable.
	At this cor. Gt. 8 a.m., L.M.T. We get off 38° 42' N. on Lat. arc: 1963' N. on decl. arc: and determine a true meridian with a solar.
	Thence We run East Met. secs. 28 and 33.
	Ascending over stony land, through scattering cedar, along N. slope of mountain.
31.00	Spur projects N.E. descend.
39.00	Bottom of ravine, 200 ft. deep. Course N. 60° W. descend.
40.00	Set a trachyte stone 16 x 10 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. Marked 1/4 S. 28 on N. face, raised a mound of stone 2 ft. base, 1½ ft. high N. of cor.
	Pits impracticable.
	We destroy all trace of 1/4 sec. cor. set by us.
49.00	Spur, projects N. W.
59.00	Canon 800 ft. deep. Course N. W. ascend,
80.46	Intersect N. & S. line 1.77 chs. S. of the cor. of secs. 27, 28, 33, and 34.
	We obliterate all marks pertaining to secs. 28 and 33 and raise a mound of stone 2 ft. base, 1½ ft. high E. of cor.
	Pits impracticable.

Subdivision of T. 24 S., R. 2 W. concluded

Chains	
	At point of intersection, set a trachyte stone 16 x 10 x 6 ins. 11 ins. in the ground, for closing cor. of secs. 28 and 33. Marked C.C. on W. with 1 groove on the S. and 3 grooves on E. faces raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.
	Pits impracticable.
	Land mountainous.
	Soil stony 4th rate.
	Timber, scattering cedar,
	Mountainous land 80.46 chs.
	N. 0°01' W.
	On retracement line bet. secs. 11 and 13 and find a partially obliterated cor. at 36.43 chs.
	We obliterate all trace of the same.
	This was an error on the part of my chain men and was supposed to have been entirely destroyed, at the time the line was run bet. secs. 12 and 13.
	At 39.43 chs. We find the cor. of secs. 12 and 13.
	Partly destroyed by rolling stone.
	We rebuild mound of stone 2 ft. base, 1 1/2 ft. high E. of cor. Pits impracticable and set same cor. firmly in the ground.

Corrected Subdivision of T. 24 S., R. 2 E.

Chains.	
	Owing to the change in the line bet. secs. 28 and 33. Thence the West bdy. of sec. 33.
	We begin at the cor. of secs. 32 and 33 on S. bdy. of Tp. which is a trachyte stone 10x6x5 ins. above ground, set by us. June 24th 1897. We know the course by previous survey, Therefore We run N. 0° 03' W. Ascending, through dense sage brush, and scattering cedar.
13.47	Top of ridge, bears N. 60° W. and S. 60° E. descend
37.70	The closing cor. of secs. 29 and 32 which is a trachyte stone 10x5x5 ins. above ground, set by us. July 17th 1897.
40.00	The W sec. cor. to sec. 33 which is a trachyte stone 10x6x5 ins. above ground, set by us. July 17th 1897.
44.47	Foot of steep descent, bears S. 10 and W.
78.70	The closing cor of secs. 28 and 33. and 1/4 cor. to sec. 29. Previously described. Land, mountainous. Soil, stony 4th rate. Timber, scattering cedar. Mountainous land.

78.70 chs.

Hubert D. Page.
George C. Brown,
U.S. Deputy Surveyors.

Affidavit

There being no notary public or other officer authorized to administer oaths within a reasonable distance, either at the beginning or ending of the journey, in order to save time and expense, I administer the preliminary and final oaths myself.

Hubert S. Page
U.S. Deputy Surveyor

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page and George L. Swan, 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 Subdivision of T. 2 N. R. 2 W. of the Salt Lake base and Meridian, State of Utah, showing the respective capacities in which they acted:

William O. Halquist, Chainman.
Jay Morrison, Chainman.
Ernest H. Anderson, Moundman.
, Moundman.
Ernest H. Anderson, Axman.
, Axman.
Harry Lane, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and George L. Swan, United States Deputy Surveyor, in surveying all those parts or portions of the Subdivision of T. 2 N. R. 2 W. of the Salt Lake base and meridian, State of Utah, 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 Utah.

William O. Halquist, Chainman.
Jay Morrison, Chainman.
Ernest H. Anderson, Moundman.
, Moundman.
Ernest H. Anderson, Axman.
, Axman.
Harry Lane, Flagman.

Subscribed and sworn to before me this 25th day of May, 1911.

SEAL

Hubert D. Page
U.S. Deputy Surveyor

6—151

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I Hubert D Page and George L Swan, United States Deputy Surveyor
solemnly swear that, in pursuance of a contract received from George W Ivins
United States Surveyor General for the District of Utah, bearing date of
26th day of December, 1896, I have well, faithfully, and truly, in my
proper person and in strict conformity with the instructions furnished by the United States Surv
General for the District of Utah, the Manual of Surveying Instructions, and the laws of
United States, surveyed all those parts or portions of the Subdivisions of Township
24 South Range 2 West

of the Salt Lake
Base and meridian, in the State of Utah, which are represented in
foregoing field notes as having been surveyed by me, and under my direction; and I do further solem
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 Surv
General for the District of Utah 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 s
the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Hubert D Page
George L Swan
United States Deputy Surv

Subscribed by said Hubert D Page and George L Swan, and sworn to before me
this 5th day of December 1901, 189

SEAL

Edward M Anderson
U S Surveyor-General
for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Dec 11th 1902, 19

The foregoing field notes of the survey of the Subdivisional Lines of
Township 24 South Range 2 West of the Salt Lake
Base and Meridian, Utah

executed by Hubert D Page and George L Swan
under his contract No. 209, dated December 26, 1896, having
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 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 offi

United States Surveyor Gen

6—151

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4—679.

BOOK A-279

305

FIELD NOTES

OF THE Re SURVEY OF THE

West Boundary

of

Township No 10 North Range No 3 East

Of the Salt Lake Base and Meridian,

Utah

AS SURVEYED BY

Andrew P Hanson, United States Deputy Surveyor,

Under his Contract No. 234, dated November 30, 1899

Survey commenced June 13, 1901

Survey completed June 14, 1901

6—151

1-01-08 high

39-85 Low

1-40.93

BOOK A-279

NAMES AND DUTIES OF ASSISTANTS.

W. W. Barlow ---- Chainman

M B Heston ---- Chainman

W W Barlow ---- Monumentman

Harold Hobbs ---- Monumentman

M B Heston ---- Axeman

R. L. Sanborn ---- Axeman

Harold Hobbs Flagman

6—151

Volume
#
R0279

PRELIMINARY OATHS OF ASSISTANTS.

WE, W. W. Barton and Jn. B. Heston 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 measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of W. boundaries of Tps. 10 N R 3 E - 11 N R 2 E and S. boundary of Tp. 11 N R 2 E of the Salt Lake Base and Meridian

W. W. Barton, Chainman

W. B. Heston, Chainman

Subscribed and sworn to before me this 12th day of June 1901, 189

Sam Raney
Notary Public

WE, W. W. Barton and Harold Hobbs 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 the W. boundary of Tps. 10 N R 3 E - Tp 11 N R 2 E and S boundary of Tp 11 N R 2 E.

W. W. Barton, Moundman

Harold Hobbs, Moundman

Subscribed and sworn to before me this 12 day of June 1901, 189

Sam Raney
Notary Public

WE, Jn. B. Heston and R. S. Sanborn 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 W. boundary of Tps. 10 N R 3 E - Tp 11 N R 2 E and S boundary of Tp 11 N R 2 E.

W. B. Heston, Axman

R. S. Sanborn, Axman

Subscribed and sworn to before me this 12 day of June 1901, 189

Sam Raney
Notary Public

I, Harold Hobbs, 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 survey of the W. boundary of Tps. 10 N R 3 E - Tp 11 N R 2 E and S boundary of Tp 11 N R 2 E

Harold Hobbs, Flagman

Subscribed and sworn to before me this 12 day of June 1901, 189

Sam Raney
Notary Public

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West Boundary of T 10 N R 3 E. Resurvey

Claim

Survey commenced June 13, 1901 and executed with a Gurley light mountain transit 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 found correct and was approved by the surveyor general for Utah April 13, 1901

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

June 13: At my camp which is in the S.E. ¼ of sec. 8 Tp. 10 N. R. 3 E. latitude 41° 36' 30" N. longitude 111° 38' W. at 4h 55m p.m, 7 m/t I set off 41° 36' 30" N. on the lat; arc 23° 14' 30" N. on the decl. arc and determine a true meridian with the solar, marking a point thereof, on a stone firmly set in the ground 4.70 chs N. of my station. —

At 9h 14m p.m, 6 m/t I observe Polaris in accordance with Manual of Instructions and mark a point on the line thus determined on a plug driven in the ground 4.70 chs. N. of my station. —

Observ. 7 m/t of obs. June 13 -----	9h 14m
U. C. Polaris June 12 -----	19 58.4
Hour angle of Polaris at obs.	13 15.6
Subtract from -----	23 56.1
Time argument for table II	10 40.5
Azimuth of Polaris at obs.	0° 32' E ✓

June 13, 1901

June 14 at 6h 40m a.m. 7 m/t I lay off the azimuth of Polaris 0° 32' to the west

chains	and mark the true meridian thus determined on the stone set June 13
	At 7h 32m a.m. 1 m.t. I set off 41°36'30" N on the lat. arc 23°16' N on the decl. arc and mark a point in the true meridian determined by the solar on the stone set June 13 at 4.70 chs N of my station. - I now examine the marks on the stone and find the two meridians determined with the solar to agree with the true meridian as determined by Polaris observation within 0°1' of arc and I therefore conclude the adjustments of the instrument are satisfactory. —
	The magnetic bearing of the true meridian at 8h a.m. is 18°23' W. the angle thus determined reduced by the table page 100 gives mean mag. decl. 18°17' E
	A carefull search was made for the cor. of Tps. 10 and 11 N. Rs. 2 and 3 E. from which I was instructed to commence but said cor. could not be found therefore, having found and fully identified the cor. of secs. 1-6-7 and 12 on E. bdy of Tp. 10 N. R 2 E. which is a limestone 5x9x16 ins. 4 ins. in the ground, mound scattered; I reset the stone 11 ins in the ground turning the 5 notches to the south and one notch to the north and raised a mound of stones 2 ft. base 1½ ft high W. of cor.
	Thence I run
	North on a resurvey line bet. secs. 1 and 6
	Over mountainous land
	Ascending on N. side of Blacksmith-Fork Cañon steep broken rocky slope
35.20	Bottom of hollow drains S. 25° W. 50 ft. deep
40.00	Intersect the ¼ sec. cor. which is a stone firmly set marked and witnessed as described by the surveyor general. —
69.30	Top of cañon and ridge running E. and W. 1100 ft. above sec. cor. Descend
71.50	Head of hollow draining N. E.

West Boundary of T. 10 N. R. 3 E. – Resurvey

Chains	
80.00	Thence on gradual ascent on broken S.E. slope A pine tree 15 ins. diam. marked T. 11 N. R 3 E S. 31 B.T. bears N. 78° 10' E 53 lks. dist. but such tree is not mentioned on the field notes of original survey furnished by the surveyor general. – A careful search was made at this place but no trace of a cor. could be found within a radius of 3 chs. –
82.58	The distance to Tp. cor. furnished by the surveyor general. – A careful search was made for the cor. of Tps 10 and 11 N. R. 2 and 3 E but no trace of it could be found. – I therefore set a temp. cor. and run West. on a blank retracement line along S. bdy. of Tp. 11 N. R. 2 E.; at 39.85 chs. the 1/4 sec. cor. bet. secs. 1 and 36 bears S. 1.50 chs being a stone firmly set marked and witnessed as described by the surveyor general, and not believing that more valuable data could be obtained by continuing the retracement I return to the temp. cor. of Tp. and run S. 1.60 chs to
81.08	The point of intersection of E. and N. bdys – Set a sandstone 18 x 10 x 5 ins. 12 ins. in the ground for cor. of Tps. 10 and 11 N. Rs 2 and 3 E marked with 6 notches on each edge from which A pine tree 8 ins. diam. bears S 50° 15' W. 19 lks dist marked T. 10 N. R. 2 E. S. 1 B.T. A pine tree 14 ins. diam. bears N. 30° 45' W. 27 lks dist. marked T 11 N R 2 E S 36 B.T. No other trees within limits. – Raised a mound of stones 2 ft. base 1½ ft. high S of cor. – Hills impracticable Land mountainous Soil rocky and gravelly 3rd rate Timber pine and cedar on last 3 chs. – Mountainous land 81.08 chs. – June 14. 1901

For general description see subdivision of this boundary. –

Andrew J. Harrison
U.S. Dep. Surveyor

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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 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—161

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ..., United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from ..... by ....., 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 submit to 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, August 27, 1902.

The foregoing field notes of the survey of the West Boundary of Township 10 North, Range 3 East of the Salt Lake Basis and Meridian, Utah

.....

.....

.....

.....

executed by Archibald Hannah under his contract No. 234, dated November 30, 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

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319

BOOK A-279

319

FIELD NOTES

OF THE SURVEY OF THE

West, North and South Boundaries

of

Township No 11 North Range No 3 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Andrew P Hanson, United States Deputy Surveyor,

Under his Contract No. 234, dated November 30, 1899

Survey commenced June 14 1901, ~~189~~

Survey completed June 18 1901, ~~189~~

6—151

W Bdy	6.08 38 ✓
N "	6.24 80 ✓
S "	3.23 96 ✓
	15.59.14
	502 ✓

NAMES AND DUTIES OF ASSISTANTS.

W. W. Barton - - - Chainman

M. B. Heaston - - Chainman

W. W. Barton - - - Mountman

Harold Hobbs - - Mountman

M. B. Heaston - - Axman

R. S. Sanborn - - Axman

Harold Hobbs Flagman

6—131

...s in

...e in this off

...ates Surveyor Ge

BOOK A-279

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

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West Boundary of Tp. 11 N. R. 3 E.

Chains	
	Survey commenced June 14, 1901 and executed with a Gurley light mountain transit 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 found correct and was approved by the Surveyor General for Utah April 13. 1901
	Note: For examination of adjustments and test of solar apparatus completed this day see resurvey of W. bdy. of Tp. 10 S. R. 3 E. (designated Book "A" of this survey) reference to which is hereby made; wherefore I consider it unnecessary to repeat the test at this time. —
	June 14 at 2h 10m p. m. local mt I set off 41° 38' N. on the lat. arc 23° 16' 30" N on the decl. arc and determine a true meridian with the solar at the the cor of Tps. 10 and 11 N. Rs 2 and 3 E. as re-established by me this date by resurvey.
	The magnetic bearing of the true meridian at 2h 10m p.m. l mt is N. 18° 10' W. the angle thus determined reduced by the table page 100 gives the mean mag. decl. 18° 13' E. —
	From the Tp cor. already described I run North bet. secs. 31 and 36
	Over mountainous land
	Descending gradually through heavy timber. —
20,30	Bottom of gulch drains S. 60° E. turning to N.E. and drag road parallel with gulch. 130 ft. below cor. —
	Beginning of ascent
33,00	Leave timber course nearly E. and 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

BOOK A-279

West Boundary of Tp. 11 N. R. 3 E.

Chains	
	raised a mound of stones 2 ft. base 1½ ft. high W. of cor. – Pits impracticable
40,00	Top of spur S.E. 200 ft. above gulch. – Descend on N.E. slope to
58,15	Head of hollow drains S.E. 80 ft. deep. Begin steep rocky ascent
65,80	Top of sharp ridge and edge of canon bears S. 76° W and N. 75° E. 110 ft. above hollow Aneroid here registers 7410 ft elevation Begin steep broken descent on S. side of Left Hand Fork, or Saddle Creek Canon
80,00	Set a limestone 17 x 8 x 6 ins. 11 ins. in the ground for cor. of secs. 26 – 30 – 31 and 36, marked with – 1 notch on S. and 5 notches on N. edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable This cor. stands 260 ft below top of ridge Land mountainous Soil gravelly wash, and rocky 3rd and 4th rate Timber pine and aspen of fair quality Brush and thorn undergrowth – Mountainous land 80,00 chs. –
	North bet. secs. 25 and 30 Over mountainous land Descending steep rocky broken slope
17,55	Edge of precipitous breaks bears N.W. and S.E. 40 chains further is impossible I therefore place a flag at this point on the line and measure a base line at right angle – West 9.60 chs. to a flag and having also flagged my line ahead I now go to a point where flag at 17,55 chs on line, bears South and flag at west end of base bears S. 18° 34' W. hence tang 18° 34' : 9.60 :: 1 : x = dist. from station to flag at 17,55 = 28,58 or 6.13 present station whence I chain back on line 6.28 chs. to
39,85	Foot of precipitous breaks course easterly and westerly
40,00	Set a limestone 18 x 8 x 7 ins. 12 ins. in the ground for ¼ sec. cor. marked ¼ on W. face

West Boundary of Tp. 11 N. R. 3 E.

Chains	
	from which
	A maple tree 5 ins. diam. bears N 11° 65' W. 27 lks. dist. marked 1/4 S 25 B.T.
	A maple tree 6 ins. diam. bears N 73° 35' E 33 lks. dist. marked 1/4 S. 30 B.T.
41.06	Left Hand Fork or Saddle Creek 40 lks wide in bottom of narrow canon course westerly. — Aneroid elev. 6'650 ft.
42.05	Old stable bears W. 25 lks.
42.50	Old deserted cabin bears east 50 lks. claimant not known
43.90	Mountain road from Cache Valley runs parallel with canon
46.00	Begin steep ascent on rocky broken slope
57.20	Top of spur S.W. 140 ft above bottom of canon
	Thence on broken W. slope and gradual ascent to-
80.00	Set a limestone 16 x 10 x 8 ins. 11 ins. in the ground for cor. of secs. 19-24-25 and 30 marked with- 2 notches on S. and 4 notches on N. edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable. —
	Land mountainous very broken
	Soil rocky and gravelly 4th rate
	Timber pine mountain mahogany and maple in cliffs in S. side of canon, scattering
	Maple and thorn underground —
	Mountainous land 8.00 chs. —
	June 14. 1901

	June 16. On run
	North- bet. secs. 19 and 24
	Over mountainous land
	Broken W. slope and gradual ascent
12.50	Enter mountain mahogany timber course E and W
16.00	Top of spur S.W. 90 ft. high. and beginning of descent
19.20	Enter bottom of gulch course S. 15° W. — Leave timber
21.50	Stream 5 lks. wide runs S. 15° W.
	Begin gradual ascent to-
24.25	Beginning of abrupt broken ascent. — Leave gulch
	Enter scattering timber parallel with gulch
33.60	Top of spur E 100 ft. high. and beginning of descent
36.08	Dry wash 75 ft. below spur course S. 63° E.

West Boundary of Tp. 11 N. R. 3 E.

Chains	
	Ascend in broken cliffs
40,00	Set a limestone 16 × 8 × 6 ins. 11 ins. in the ground for ¼ sec. cor. marked ¼ on W. face from which
	A mahogany tree 5 ins. diam. bears East 5 lks dist. marked ¼ S. 19 B.T.
	A mahogany tree 5 ins. diam. bears S 75° W. 8 lks. dist. marked ¼ S. 24 B.T.
69,50	Top of rocky break course S.W. and N.E. 1100 ft above gulch: enter broken E. slope
80,00	Set a limestone 18 × 9 × 6 ins. 12 ins. in the ground for cor of secs. 13-18-19 and 24 marked with 3 notches on N. and S. edges: from which
	A pine tree 6 ins. diam. bears S 59° 45' W. 35 lks. dist. marked T. 11 N. R. 2 E. S 24 B.T.
	A pine tree 14 ins. diam. bears N. 71° 20' W. 1.17 chs. dist. marked T 11 N R 2 E S 13 B.T.
	No other trees within limit: raised a mound of stones 2 ft. base 1½ ft. high W. of cor. —
	Pits impracticable
	Land mountainous very broken
	Soil gravelly and rocky 4th rate
	Timber pine and mountain mahogany mainly scattering. —
	Mountainous land 80,00 chs. —

June 15: at 9h 28m a.m. I m t I set off 41° 41' N on the lat. arc 23° 19' N. on the decl. arc and determine a true meridian with the solar at the cor. of secs. 13-18-19 and 24, thence I run North bet. secs. 13 and 18

Over mountainous land

On broken E slope through scattering timber

2,00	Bottom of hollow 25 ft. deep drains E.
	Ascend to —
22,00	Top of sharp spur E. 150 ft. above hollow
	Descend
28,75	Head of hollow 70 ft. deep drains E.
	Begin ascent on rocky slope
37,75	Top of spur E. 100 ft. high: thence over broken E slope and gradual ascent
	Enter dense aspen brake and brush

West Boundary of T.11 N.R.3 E.

Chains	
40.00	Set a limestone 16×9×6 ins. 11 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
80.00	An aspen tree 6 ins. diam. for cor. of secs. 7-12-13 and 18. I mark T.11 N. S 7 on N E – R.3 E. S 18 on S.E. R.2 E. S 13 on S.W. and S.12 on N.W. sides: with 4 notches on S and 2 notches on N sides from which
	An aspen tree 6 ins. diam bears S.0°57'E. 15 lks. dist. marked T.11 N.R.3 E. S. 18 B.T.
	An aspen tree 5 ins. diam bears S.47°20'W. 20 lks. dist. marked T 11 N.R.2 E. S.13 B.T.
	An aspen tree 5 ins. diam. bears N 64°50'E 15 lks. dist. marked T.11 N.R.3 E.S.7 B.T.
	An aspen tree 6 ins. diam. bears N 45°46'W. 13 lks dist. marked T.11 N.R.2 E. S 12 B.T.
	This cor. stands 300 ft. above the sec. cor. last described
	Land mountainous broken and rolling
	Soil rocky and gravelly 3rd and 4th rate
	Timber scattering pine of good size and dense aspen and willow of small size mainly. —
	Mountainous land and heavily timbered 80.00 chs.
	June 15: At this cor. I set off 23°19' N. on the decl are and observe the sun on the meridian at 12h m, 1m t the resulting lat. is 41°42' N
	North bet. secs. 7 and 12
	Over mountainous land
	Ascending gradually on rolling E. slope in dense brake and timber
18.80	Bottom of gulch 40 ft. deep drains S.60° E.
32.00	Top of Spur runs S.70° E 150 ft above cor.
	Descend gradually to
40.00	An aspen tree 5 ins diam. for 1/4 sec. cor. I marked 1/4 S.12 on W side and 7 on E side from which
	An aspen tree 5 ins. diam. bears S.30°0'E 10 lks dist. marked 1/4 S. 7 B.T.
	An aspen tree 4 ins. diam. bears S.25°5'W. 3 lks. dist. marked 1/4 S 12 B.T.

West Boundary of T. 11 N. R. 3 E.

Chains	
52,80	Head of hollow drains S. 60° E. 120 ft. below spur.
	Begin ascent
57,08	small spring 50 lks. E. of line drains S. E.
77,50	Top of spur runs E. 160 ft above hollow. — Aneroid Elev. 7900
	Begin descent
80,00	Set a sandstone 16 x 10 x 8 ins. 11 ins. in the ground for cor. of secs. 1-6-7 and 12 marked with 5 notches on S. and 1 notch on N. edges from which a willow tree 4 ins. diam. bears N. 3° 20' E. 11 lks. dist. marked T 11 N R 3 E S 6 B.T.
	A willow tree 4 ins. diam. bears N. 71° 40' W. 24 lks. dist. marked T 11 N R 2 E S 1 B.T.
	A willow tree 4 ins. diam. bears S 27° 35' W 29 lks. dist. marked T. 11 N R 2 E S 12 B.T.
	A willow tree 5 ins. diam. bears S. 27° 6' E. 18 lks. dist. marked T 11 N R 3 E. S. 7 B.T.
	Land mountainous, rolling
	Soil gravelly wash and loam 2nd and 3rd rate
	Timber, aspen and willow of small size mainly and a few scattering pine of good size. —
	Mountainous and heavily timbered land 80.00 chs. —
	North - bet. secs. 1 and 6.
	Over mountainous land
	Descending in dense timber and brake
17,40	Bottom of gulch 130 ft. below cor. course E.
	Ascend
37,00	Top of ridge bears E. and W. 175 ft. high
39,50	Begin steep rocky descent
40,00	Set a sandstone 17 x 9 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face: raised w. mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
51,06	Bottom of gulch and stream 3 links wide course N. 65° E 200 ft. below top of ridge. —
	Ascending on rolling surface to
71,00	Top of spur; runs E. 90 ft. high
	Begin descent
80,00	Set a temporary cor. to Tps. 11 and 12 N. Rs. 2 and 3 E.

West Boundary of T. 11 N. R. 3 E.

Chains	
	June 15, 1901
	June 17, 1901 having established the permanent cor. of Tps. 11 and 12 N. Rs 2 and 3 E by survey of N. bdy of this Tp. I return to the temporary cor. of Tp. already described which I destroy and complete the survey of w. bdy as follows
	From the temp. Tp. cor. bet. secs. 1 - and 6 at 80 chs I run
	North bet. secs. 1 and 6
52.00	Bottom of gulch 80 ft. deep drains E.
	Ascend
87.50	Top of ridge dividing Blacksmith Fork watershed from that of Logan River bears E. and W. 50 ft above gulch
	Begin. descent
88.38	The cor. of Tps. 11 and 12 N. Rs 2 and 3 E as described in the field notes of N. bdy of this Tp.
	Land Mountainous
	Soil gravelly, wash and rocky 2nd and 3rd rate
	Timber aspen of dense growth but small size mostly, and pine of good size scattering
	Mountainous land 88.38 chs.
	June 17, 1901
	June 16: I run
	From the temp. cor. of Tps 11 and 12 N Rs 2 and 3 E East on a random line along the N. bdy of Tp. 11 N R. 3 E setting temp. 1/4 sec. and sec. cors at intervals of 40.00 chs.; and at 3.04.80 chs. intersect the E. bdy of Tp. at 8.38 chs. S. of the cor. of Tps. 11 and 12 N. Rs 3 and 4 E. which is a stone firmly set marked and witnessed as described by the surveyor general, whence I run
	West bet. secs. 1 and 36
	Over Mountainous land
	Descending in dense brush and brake
14.70	Bottom of gulch drains S. 90 ft. below cor. —
	Ascend
19.00	Top of spur runs S. 75 ft. high. — Descend
30.70	Dry wash and bottom of gulch course N. 30° W.
	160 ft. below spur. — ascend
40.00	Set a sandstone 18 x 8 x 6 ins. 12 ins. in the ground

chains	
	for 1/4 sec. cor. marked 1/4 on N. face: raised a mound of stones 2 ft. base 1½ ft. high N. of cor. —
	Pits impracticable. —
	This cor stands on top of spur 60 ft. high
	Descend
47,25	Bottom of ravine 50 ft. deep course N 25° W. — ascend
53,50	Top of spur runs N. 40 ft high. — Descend
64,63	Stream 5 lks wide in bottom of gulch 90 ft. below spur course S. 65° W.
65,00	Begin ascent on steep S.E. slope
80,00	Set a limestone 18×9×8 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: raised a mound of stones 2 ft. base 1½ ft. high W. of cor. —
	Pits impracticable. —
	This cor. stands 130 ft. above stream
	Land mountainous rolling
	Soil gravelly wash 3rd rate
	No timber. — Dense aspen brake and brush
	Mountainous land 80,00 chs. —
	June 16: at 4h 50m p.m. 1 mt I set off 41°43' 30" N. on the lat. arc 23°23' N. on the decl. arc and determine a true meridian with the solar at the cor. of secs. 1-2-35 and 36
	Thence I run
	West bet. secs. 2 and 35
	Over mountainous land
	Ascending in dense undergrowth
2,00	Top of spur runs S. 26 ft. above cor. Descend
13,65	Bottom of ravine 100 ft. below spur course S.
	Begin ascent. — Enter aspen timber and brake
40,00	An aspen tree 4 ins. diam. for 1/4 sec. cor. I mark 1/4 S. 35 on N. side 2 on S side from which
	An aspen tree 4 ins. diam. bears N. 23°15' W. 5 lks. dist. marked 1/4 S. 35 B.T.
	An aspen tree 4 ins. diam. bears S. 29°30' E. 14 lks. dist. marked 1/4 S. 2 B.T.
45,00	Top of spur runs S.E. 250 ft above ravine
	Begin descent
60,05	Bottom of ravine drains S. 125 ft. below spur

North Boundary of T. 11 N. R. 3 E.

Chains	Ascend
80,00	Set a sandstone 16 x 8 x 7 ins. 11 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: raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land mountainous, rough and rolling
	Soil gravelly 3rd rate
	Timber aspen of small size and dense growth
	Brush and thorn undergrowth
	Mountainous land 80,00 chs.
	June 16. 1901
	June 17: at 7h 20m a.m., I set off 41°43'30" N. on the lat. arc. 23°24' N. on the decl. arc and determine a true meridian with the solar at the cor. of secs. 2-3-34 and 35 thence I run
	West. bet. secs. 3 and 34
	Over Mountainous land
1	Through aspen brake and timber
1,00	Top of ridge bears N. and S.
	Begin descent on N.W. slope
37,25	Bottom of gulch 160 ft. deep course N
	Begin abrupt ascent
40,00	Set a sandstone 16 x 7 x 6 ins. 11 ins. in the ground for ¼ sec. cor. marked ¼ on N. face: whence
	An aspen tree 4 ins. diam. bears N 70°45' W. 24 lks. dist. marked ¼ S. 34 B.T.
	An aspen tree 5 ins. diam. bears S 1°5' E 24 lks. dist. marked ¼ S. 3 B.T.
48,50	Top of spur runs N. 60° W. 125 ft. high
	Descend
59,75	Bottom of gulch 110 ft. deep drains N.
	Ascend abruptly
69,00	Top of steep ascent bears N.W. and S.E. 150 ft. above gulch: thence on N. side of ridge and gradual ascent to
80,00	Set a sandstone 16 x 9 x 7 ins. 11 ins. in the ground for cor. of secs. 3-4-33 and 34 marked with 3 notches on E. and W. edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.

chains	Pits impracticable
	Land mountainous
	Soil gravelly 3rd rate
	Timber aspen of small size and dense growth
	and much brush and brake
	Mountainous land 80.00 chs. —
	West bet. secs. 4 and 33
	Over mountainous land
	Ascending gradually on N. side of ridge
6.00	Top of ridge course N. 70° W. and S. 75° E.
	Thence on gradual descent on S. W. slope to
21.50	Begin abrupt descent on W. slope
40.00	Set a sandstone 17 x 9 x 7 ins. 11 ins. in the ground for
	1/4 sec. cor. marked 1/4 on N. face; raised a mound
	of stones 2 ft. base, 1 1/2 ft. high N. of cor. —
	Pits impracticable
	Enter dense aspen brake course N. and S.
73.52	Stream 2 lks. wide course N. 10° E. in bottom of
	open gulch 1105 ft. below top of ridge
	Begin ascent
80.00	Set a sandstone 17 x 8 x 7 ins., 11 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 from which
	An aspen tree 4 ins. diam. bears S. 66° 44' W. 10 lks.
	dist. marked T. 11 N. R. 3 E. S. 5 B. T.
	An aspen tree 4 ins. diam. bears S. 27° 30' E. 11 lks.
	dist. marked T. 11 N. R. 3 E. S. 4 B. T.
	An aspen tree 4 ins. diam. bears N. 13° 25' W.
	39 lks. dist. marked T. 12 N. R. 3 E. S. 32 B. T.
	An aspen tree 4 ins. diam. bears N. 19° 46' E. 27 lks.
	dist. marked T. 12 N. R. 3 E. S. 33 B. T.
	Land mountainous
	Soil gravelly wash 2nd and 3rd rate
	No timber — Aspen brake and thorny brush
	Mountainous land 80.00 chs. —
	West bet. secs. 5 and 32
	Over mountainous land
	Ascending in aspen brake and timber
40.00	Set a sandstone 17 x 9 x 6 ins. 11 ins. in the ground

North— Boundary of T. 11 N. R. 3 E.

Chains	for 1/4 sec. cor. marked 1/4 on N. face: raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable.—
	This cor. stands on top of a spur running S.E.
	June 17, at this cor. I set off 23°23'30" N on the decl. arc and at 12h m. 7m 7s observed the sun on the meridian: the resulting lat. is 41°43'30" N.
	Thence descending
48.25	Dry wash 60 ft. deep course S.E.: ascend.
76.00	Top of ridge course N and S 1200 ft. above sec. cor.— Aneroid Elev. 7940 ft.
	Descending gradually W
80.00	Set a sandstone 18×8×6 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; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable.
	Land mountainous
	Soil gravelly 2nd and 3rd rate
	Timber Aspen of small size mainly and very dense growth.— A few scattering pine trees
	Mountainous land 80.00 chs.—
	West bet. secs. 6 and 31
	Over mountainous land
	Descending in aspen brake and timber
7.50	Bottom of hollow draining S. 35° W. 60 ft below cor. Ascend W
17.00	Top of spur runs S. 70 ft. high.— Descend
24.05	Bottom of gulch draining S. 60 ft. deep.— Ascend
31.00	Top of ridge dividing Blacksmith Fork waters from that of Logan River, runs S.W. and N.E. 140 ft. above gulch.—
	Thence on N.W slope, descending
40.00	An aspen tree 4 ins. diam. for 1/4 sec. cor. Ø mark 1/4 S. 31 on N. side 6 on S side from which An aspen tree 4 ins. diam. bears S 73°30' E 14 lks. dist. marked 1/4 S 6 B.T.
	An aspen tree 4 ins. diam. bears N 63°45' W. 12 lks. dist. marked 1/4 S. 31 B.T.
50.90	Head of ravine draining N 150 ft. below ridge

Chains	
	Ascend
67,50	Top of spur N. 200 ft. above ravine. — Descend
73,45	Head of hollow 60 ft. deep drains N. — Ascend
81,00	Top of ridge dividing Blacksmith Fork and Logan River watersheds course N 70° W and S 70° E. 80 ft. above hollow. — Descend
95,60	Top of ridge same as last described, course S. 76° W. and N. 76° E. — Same elevation
	Thence along ridge N. slope to
104.80	The temp. cor. of Tps 11 and 12 N R 2 and 3 E bears S. 38 Ch. South: see notes of West Boundary, therefore I set a sandstone 17x9x8 ins. 11 ins. in the ground for cor. of Tps. 11 and 12 N. R 2 and 3 E. marked 12 S. on N.E. — 3 E on S.E. — 11 N. on S.W. and 2 E. on N.W. faces. with 6 notches on each edge; raised a mound of stones 2 ft. base 1½ ft. high S. of cor. Pits impracticable. —
	Land mountainous
	Soil gravelly and rocky 2nd and 3rd rate
	Timber aspen of small age and very dense growth mainly; a few scattering pine trees. —
	Mountainous land 104.80 chs. —
	June 17, 1901

South Boundary of T 11 N R 3 E.

June 18: at 7 h 15 m a.m. I set off 41° 38' N. on the lat. arc 23° 26' N on the dec. arc and determine a true meridian with the solar at the cor. of secs. 3-4-33 and 34 on S. bdy. of Tp. 11 N. R 3 E. which is a stone firmly set marked and witnessed as described by the surveyor general. —

Thence I run

West on a random line along the S. bdy of Tp. 11 N. R 3 E setting temp. ¼ sec. and sec cors. at intervals of 40.00 chs. and at 263.96 chs. intersect the E bdy. of Tp. 10 N. R. 2 E. 5.02 chs. S. of the cor. of Tps. 10 and 11 N. R 2 and 3 E. as reestablished by me June 14, 1901 and hereafter described. — Therefore

I set a limestone 18x8x8 ins. 12 ins. in the

South Boundary of T 11 N R 3 E

Chains	
	ground for closing cor. of Tps. 10 and 11 N. R. 3 E. marked C.C. 3 E. no E. - 11 N. on N and 10 N on S. faces with 6 grooves on E. N. and S faces from which a maple bears 4 ins. diam. bears N 53° 30' W. 47 lks. dist. marked T 10 N. R 2 E S 1 B.T.
	No other trees within limits raised a mound of stones 2 ft. base 1½ ft. high E of cor. Pits impracticable. Did destroy all markings on old cor. referring to Tps 10 and 11 N R 3 E
	Thence S runs
	East bet. secs. 6 and 31
	Over mountainous land
	Descending gradually on broken rolling surface in scattering timber and thorny undergrowth
15.00	Head of gulch 10 ft. below cor. course N.
	Ascend
23.50	Enter Timber course N. and S.
57.45	Top of ridge 40 ft. above gulch. course N. and S.
	Begin descent
63.96	Set a limestone 18 x 10 x 5 ins. 12 ins in the ground for 1/4 sec. cor. marked 1/4 on N. face from which A pine tree 12 ins. diam. bears N. 0° 30' W. 40 lks. dist. marked 1/4 S. 31 B.T.
	A pine tree 13 ins. diam. bears S 61° 45' E. 25 lks. dist. marked 1/4 S 6 B.T.
87.30	Bottom of gulch drains N. 40 ft. below top of ridge. -
	Level timber course N. and S. and ascend
103.96	Set a limestone 18 x 9 x 6 ins. 12 ins. in the ground for cor. of secs. 5-6-31 and 32 marked with - 1 notch on W. and 5 notches on E. edges: raised a mound of stones 2 ft. base 1½ ft. high W of cor. Pits impracticable. -
	This cor stands 176 ft. above gulch, on W. slope
	Land mountainous
	Soil gravelly and rocky 3rd rate
	Timber aspen of small size and dense growth with scattering pine of good size on W side of ridge; on E side of ridge heavy pine forest
	Mountainous land 103.96 chs. -
	Note: The weather being cloudy during the noon hour I was unable to observe the sun or

chains	the meridian this day. —
	East bd. secs. 5 and 32.
	Over mountainous lands
	Ascending
3.50	Top of ridge bears N. and S. 90 ft. above cor. —
	Descending over rolling broken surface in scattering
	timber and dense undergrowth
28.40	Bottom of slope at head of gulches running N. and
	S. 30° W. 210 ft. below top of ridge. —
	Ascend on rolling slope
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 N. face; raised a
	mound of stones 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable
76.00	Top of ridge bears N. and S. 250 ft. above gulch
	Descend to
80.00	Set a limestone 16 x 10 x 4 ins. 11 ins. in the ground
	for cor. of secs. 4-5-32 and 33 marked with 2
	notches on W. and 4 notches on E. edges; raised a
	mound of stones 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable. —
	This cor. stands 80 ft. below top of ridge
	Land mountainous
	Soil gravelly and rocky 3rd rate.
	Timber Mountain Mahogany scattering
	Maple, aspen and thorn undergrowth. —
	Mountainous land 80.00 chs. —
	East bd. secs. 4 and 33
	Over mountainous land
	Descending
1.00	Bottom of gulch course N. 15° E
	Thence ascending over rolling surface
7.20	Top of spur runs N. 60 ft. high. — Descend
12.00	Hollow draws N. 50 ft. deep. — Ascend
20.60	Top of spur runs N. 70 ft. above hollow. — Descend
27.95	Hollow, course N. 60° W. 60 ft. deep. — ascending
34.50	Hollow, course N 60° W. 50 ft. deep.
40.00	Set a limestone 16 x 9 x 6 ins. for 1/4 sec. cor. marked 1/4
	on N. face; raised a mound of stones 2 ft. base 1½ ft.

South Boundary of T. 11 N. R. 3 E.

chains	
	high N. of cor. Pile impracticable
41.80	Head of hollow 40 ft. deep course N 60° W.
60.00	Top of ridge dividing waters heds of Blacksmith Fork and Saddle Creek, course N 76° E and S 75° W. 300 ft. above sec cor. — Descend on rolling surface
62.65	Head of hollow 50 ft. deep course S.
69.50	Head of hollow 60 ft. deep course S.
71.00	Bottom of hollow 70 ft. deep course S. — ascend to
78.00	Top of ridge course N. and S. 80 ft. above hollow Descending abruptly
80.00	The cor. of secs. 3—4—33 and 34

Land mountainous
Soil gravelly and rocky 3rd rate
Timber: Mountain Mahogany scattering
Maple ashen and thorn undergrowth —
Mountainous land 80.00 chs.

June 18. 1901

Boundaries of T 11 N. R 3 E

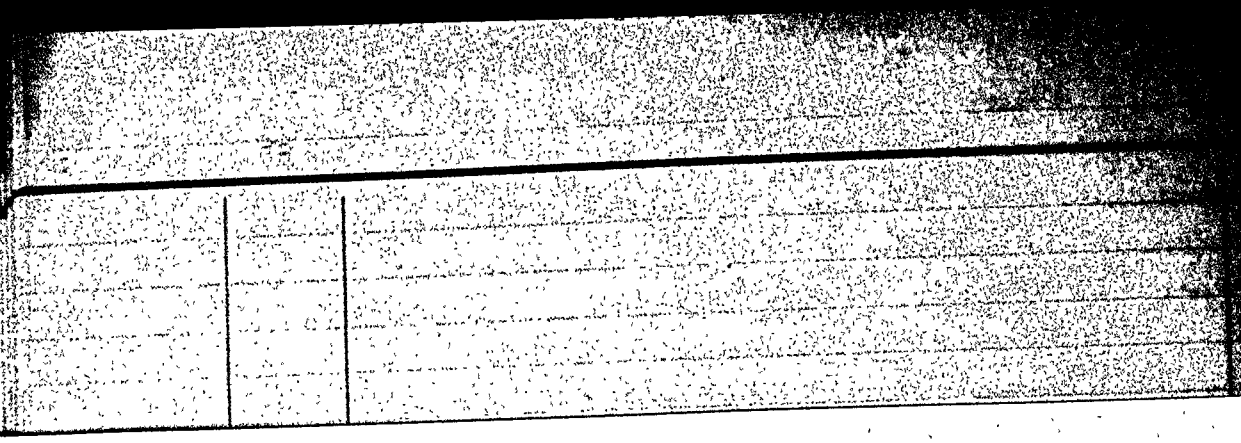
Latitudes Departures and Closing Errors

Line designated	True bearing	Distance chs.	Latitudes N chs.	Latitudes S chs.	Departures E chs.	Departures W chs.
West Boundary	North	491.72	491.72			
North "	East	504.50			504.50	
East "	South	491.06		491.06		
South "	S 89° 25' W	80.20		0.75		80.20
" "	West	425.14				425.14
Convergency					0.66	
Totals			491.72	491.81 / 491.72	505.45 / 505.84	506.34
Errors in Lat. and dep.				.09	0.11	

This township is all mountainous land very rough and broken. — It contains a few patches of good timber and is well watered. — The soil is gravelly and rocky but fertile and the whole township is well adapted for summer grazing. — The township should be subdivided

Andrew P Johnson
U.S. Dep. Surveyor.

Note: For retracement of S. bdy. of this Tp. see notes of Subdivisions, Book C.



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A-279

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 "E." Fr. 11 M. 2 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 E. Fr. 11 M. 2 E.

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

_____

_____

SEAL

6—151

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyo

solemnly swear that, in pursuance of a contract received from _____, bearing date o

United States Surveyor General for _____

_____ 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

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 accordanc

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, an

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.

_____

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, August 27, 190

The foregoing field notes of the survey of the West, North & South Bounda

of Township 11 North, Range 3 East of the Salt Lake

Base & Meridian, Utah

executed by Cadwell Hanson

under his contract No. 234, dated November 30, 1899, hav

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

surveys they describe, are hereby approved.

Edward P. Anderson

United States Surveyo

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

_____

United States Surveyor

6—151

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4—679.

BOOK A-279

345

FIELD NOTES

OF THE SURVEY OF THE

Subdivision Lines

of

Township No. 11 North Range No. 3 East

Of the Salt Lake Base and Meridian,

Utah

AS SURVEYED BY

Andrew P. Hansen, United States Deputy Surveyor,

Under his Contract No. 234, dated November 30, 1899

Survey commenced June 18, 1901

Survey completed July 2, 1901

6—151

H 62 29 76

Clos 21 38

Ret S Bdy 11 NR 3 E 2 01 18

NAMES AND DUTIES OF ASSISTANTS.

W W Barton - - - Chainman
M B Weston - - - "
W W Barton - - - Monuments
Harold Hobbs - - - "
M B Weston - - - Axman
R S Sanborn - - - Axman
Harold Hobbs - - Flagman

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Subdivision of Tp. 11 N. R. 3 E.

chains

Survey commenced June 18. 1901. and executed with a W. & L. E. Gurley light mountain transit 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 vernier of the latitude and declination arcs. —
The instrument was examined tested on the true meridian at Salt Lake found correct and was approved by the surveyor general for Utah April 13, 1901
I examine the adjustments of the transit 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 I proceed as follows. —
I return to my permanent camp in the S.E. 1/4 of sec. 8 T. 10 N. R. 3 E. and at 4h 52m p.m. 7 m.t. June 18 go to the true meridian established by me June 13-14 by Polaris observations and having set off 41°36'30" N. on the lat. arc 23° 26'30" N. on the decl. arc determine a true meridian with the solar which I compare with the true meridian above mentioned and which is fully described in the field notes of the resurvey of E. and N. bdys of T. 10 N. R. 2 E. at the commencement of this survey. — The difference is within 1' of arc. —

June 18. 1901

June 19. at 7h 30m a.m. 7 m.t. I set off 41°36' 30" N. on the lat. arc 23°27' N. on the decl. arc and compare the true meridian indicated by the solar with the true meridian established by Polaris observation and find the difference to be within 1' of arc I therefore conclude the adjustments of the instrument are satisfactory. —

I begin at the cor. of Tps. 10 and 11 N. Rs. 3 and 4

Subdivision of T. 11 N. R. 3 E.

Chains	
	E. 1 Latitude 41°38' N longitude 111°33' W which is a stone firmly set marked and witnessed as described by the Surveyor general and having myself surveyed the E. bdy. of this Tp. under a former contract I run West on S. bdy. sec. 36; at 40.10 the 1/4 sec. cor. bears S. 38 lks. being a stone firmly set marked and witnessed as described by the surveyor general; at 80.20 the cor. of secs. 1-2-35 and 36 bears S. 75 lks. being a stone firmly set marked and witnessed as described by the surveyor general. - The course of this line is therefore S. 89-28' W. making the S. bdy of Tp. irregular and necessitating a sectional correction line. -
	I commence at the cor. of secs. 25 and 36 on E. bdy. of Tp 11 N. R 3 E which is a stone firmly set marked and witnessed as described by the surveyor general
	Thence I run
	West. on sectional correction line bet. secs. 25 and 36
	Over mountainous land
	ascending
4.00	Top of spur runs S. 60 ft. above cor. - Descend
40.00	Set a quartzite stone 18 x 7 x 6 ins 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; raised a mound of stones 2 ft. base 1½ ft. high. N. of cor. - Pits impracticable
43.65	Dry wash and bottom of hollow course S.W. 300 ft. below spur -
	Thence over rolling broken surface
55.30	Stream 2 lks wide course S in bottom of hollow 30 ft. deep. — ascend
63.00	Top of spur bears S. 60 ft. high. — Descend
70.27	Wood road bears N. 25° W and S 25° E in bottom of hollow
70.43	Stream 3 lks wide runs S. 10° E in bottom of gulch 60 ft. below spur. - ascend
77.27	Stream 4 lks; course N. 80° E.
80.00	Set a quartzite stone 17 x 8 x 6 ins. 11 ins. in the ground for cor. of secs. 26-26-35 and 36 marked with 1 notch on S. and E. edges; raised a mound

Subdivision of T. 11 N. R. 3 E.

drains | of stones 2 ft. base 1½ ft. high W. of cor. —
Pits impracticable
This cor. stands 70 ft. above last gulch. —
Land mountainous
Soil gravelly and rocky 2nd and 3rd rate
no timber — scattering brush and brake
Mountainous land 80.00 chs. —
June 19 at this cor. I set off 23° 26' N. on the
decl. arc and at 12h 41m p.m. mnt. observed the sun
on the meridian, the resulting lat. is 41° 39' N.

West bd. secs. 26 and 35 —
Over mountainous land
Ascending on N.E. slope in aspen brake and
dense undergrowth —
40.00 Set a limestone 18 x 9 x 6 ins. 12 ins. in the
ground for ¼ sec. cor. marked with 1/4 on N.
face; raised a mound of stones 2 ft. base 1½ ft.
high N. of cor. — Pits impracticable
64.00 Top of spur runs S.E. thence on S.E. slope to
69.00 Top of ridge bears N. and S 500 ft. above sec. cor.
Begin gradual descent
80.00 Set a limestone 18 x 8 x 6 ins. 12 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; raised
a mound of stones 2 ft. base 1½ ft. high W. of
cor. Pits impracticable —
Land mountainous
Soil gravelly and rocky 3rd rate
No timber — dense aspen brake and underbrush
the entire distance. —
Mountainous land 80.00 chs. —

West bd. secs. 27 and 34
Over mountainous land
Descending, through scattering timber
62.50 Bottom of hollow 8.0 ft. deep course S. 20° E.
Ascend
145.00 Top of ridge course N. and S. 23° W. 120 ft. high
Descend
200.00 Head of hollow drains S. 70° W. 70 ft. below ridge

Subdivision of T. 11 N. R. 3 E.

chains	ascend on S. slope
33,40	Top of spur S. 90 ft. above hollow. —
	Descending 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 N. face: raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable. —
71,50	Road in bottom of hollow draining N.W. to W. 330 ft below spur. —
	ascend
78,00	Top of spur runs N. 90 ft above hollow. —
	Begin descent on broken N.W. slope
80,00	Set a limestone 17 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: raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
	Land mountainous
	Soil gravelly and rocky 3rd rate
	Timber, scattering mountain mahogany and a very few pine. —
	Mountainous land 80,00 chs.

	West bet. secs. 28 and 33
	Over mountainous land
	Descending over broken N.W. slope, through undergrowth
28,50	Trail bears N. and S. in bottom of gulch draining N. 250 ft. below sec. cor.
	Begin abrupt ascent
40,00	Set a limestone 18 x 8 x 5 ins. 12 ins. in the ground for 1/4 sec cor. marked 1/4 on N. face, raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable
57,00	Top of ridge bears N. and S. 400 ft. above gulch
	Descending gradually over broken surface
80,00	Set a limestone 17 x 8 x 6 ins. 11 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: raised a mound of stones 2 ft base 1½ ft. high W. of cor. — Pits impracticable. —

Subdivision of T. 11 N. R. 3 E.

chains	
	This cor. stands 150 ft. below top of ridge
	Land mountainous
	Soil gravelly and rocky 3rd rate
	Timber: a few mountain mahogany and pine scattering. — Maple and thorn undergrowth —
	Mountainous land 8000 chs. —
	June 19, 1901
	June 20 Sunday
	West bet. secs. 29 and 32
	Over mountainous land
	Descending
1.10	Bottom of hollow 40 ft. deep course N 20° W.
	ascend
5.00	Top of spur runs N. 60 ft. high. —
	Begin gradual descent on broken slope
14.00	Bottom of hollow 40 ft. deep drains N. 30° W.
21.00	Begin abrupt descent
30.20	Bottom of gulch 120 ft. deep course N.
	Ascend abruptly
40.00	Set a limestone 17 x 8 x 6 ins. 11 ins. in the ground for 1/4 sec cor. marked 1/4 on N. face: raised a mound of stones 2 ft. base 1 1/2 ft. high N. of cor.
	Pits impracticable. —
49.60	Top of ridge bears N. 30° W. and S 30° E 350 ft. above gulch. — Descend
58.06	Bottom of gulch 200 ft. deep and stream 2 lks. wide course N.W. - ascend
68.40	Top of spur runs N. 190 ft. high. - Descend
73.70	Bottom of gulch 180 ft. below spur course N 15° E. — ascend
80.00	Set a limestone 18 x 11 x 6 ins. 12 ins. in the ground for cor. of secs. 29-30-31 and 32 marked with 1 notch on S and 5 notches on E edges: raised a mound of stones 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable
	This cor. stands 120 ft. above bottom of gulch. —
	Land mountainous
	Soil gravelly and rocky 3rd and 4th rate
	Timber: scattering pine and mountain mahogany
	Mountainous land 8,000 chs. —

Subdivision of T. 11 N. R. 3 E.

Chains	
	West bet. secs. 30 and 31.
	Over mountainous land
	Ascending abruptly; scattering timber and brush
15.20	Top of ridge bears N.E. and S. 300 ft. above cor.
	Begin abrupt descent in pine timber course
	N. and S.
24.60	Bottom of narrow gulch 360 ft. deep course N. and
	drag road parallel with gulch
	Ascend steep rocky slope. - Leave pine timber course N. and S.
40.00	Set a limestone 16 x 9 x 6 ins. 11 ins. in the
	ground for 1/4 sec. cor. marked 1/4 on N. face:
	raised a mound of stones 2 ft. base 1½ ft. high
	N. of cor. Pits inspractical. -
44.55	Top of gulch bears N. and S. 430 ft. above bottom;
	thence on gradual ascent W.
50.00	Top of ridge bears N. and S. - Aneroid Elev. 6760 ft.
	Descend gradually on broken slope
71.00	Top of sharp ridge bears S 75° W and N. 75° E.:
	Begin abrupt descent on N. W. slope W.
105.10	Intersect W. bdy of Tp. 3 N. 4 chs S of cor. of secs.
	25 - 30 - 31 and 36 as heretofore described and from
	which I now removed all markings pertaining to
	secs. 30 and 31 thence
	I set a limestone 16 x 9 x 6 ins 12 ins. in the
	ground for closing cor. of secs. 30 and 31 marked C.
	C. on E. with 1 grove on S and 6 groves on N. faces:
	from which
	A pine tree 4 ins. diam. bears S. 85° 2' E 33 lks.
	dist. marked T 11 N R 3 E S 31 B.T.
	no other trees within limit. - Raised a mound of
	stones 2 ft. base 1½ ft. high E. of cor.
	Pits inspractical
	Elev. cor stands 420 ft. below top of ridge
	Land mountainous
	Soil gravelly and rocky 4th rate
	Timber pine, and mountain mahogany
	scattering. - Aspen brake and underbrush
	Mountainous land 105.10 chs. -
	Pine 20: at this cor. Dist. off 23° 27' N. on
	the Lat. arc and at 12 41 m p m, I with observer

Subdivision of T. 11 N. R. 3 E.

chains	
	The run on the meridian: the resulting lat. is 41° 39' N.
	At the cor. of secs. 25-26-35 and 36 as heretofore described I set off 41° 39' N on the lat. arc 23° 27' N. on the decl. arc and at 2h 15m p.m, I mt determined a true meridian with the solar.
	Thence I run
	S. 0° 1' E. on a random line bet. secs. 35 and 36
40.00	Set temp. 1/4 sec. cor.
81,04	Intersect S. bdy of Tp. 29 lks E. of cor. of secs. 1-2 35 and 36 as heretofore described
	Thence I run
	N. 0° 11' E. on a true line bet. secs. 35 and 36.
	Over mountainous land.
	Ascending
31,45	Top of ridge bears S. 70° E and N. W. 360 lks above cor.
	Begin descent
41,04	Set a quartzite stone 18 x 10 x 7 ins, 12 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face: raised a mound of stones 2 lks. base 1½ lks. high W. of cor. Pits impracticable
43,55	Bottom of gulch drains E 100 lks. below ridge
	Ascend
59,50	Wood road bears E and W on top of spur E 90 lks. above gulch
	Descend on N.E. slope
80,75	Small spring, drains E.
81,04	The cor. of secs. 25-26-35 and 36
	This cor. stands 225 lks. below top of spur
	Land mountainous
	Soil gravelly and rocky 2nd and 3rd rate
	No timber:- scattering brake and brush
	Mountainous land 81.04 chs. —
	N. 0° 1' W. bet. secs 25 and 26
	Over mountainous land
1,09	Stream 3 lks wide flows E.- ascend
	Enter timber and dense brush course E and W.
6,00	Leave timber and brush course E and W.
32,50	Top of spur runs S 30° E 290 lks. above cor.
	Descend gradually
40,00	Set a sandstone 17 x 8 x 6 ins. 11 ins in the ground

Subdivisions of T. 4 N. R. E.

chains	
	for 1/4 sec. cor. marked 1/4 on W. face; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. —
	Pits impracticable
42.06	Bottom of gulch course S. 30° E. 115 ft. deep. — ascend
60.60	Top of spur runs S. 30° E. thence on S. E. slope and gradual ascent to
80.00	Set a limestone 18 x 9 x 6 ins. 12 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; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. —
	Pits impracticable. — Aneroid Elev. 6875 ft.
	This cor. stands 220 ft. above gulch
	Land mountainous
	Soil gravelly and rocky 3rd rate
	Timber aspen and scattering Mountain Mahogany
	Mountainous land 80.00 chs. —
	June 20, 1901
	June 21: at 7h 5m a.m. ? m.t. — I set off 41°40' N. on the lat. arc 23°28' N. on the decl. arc and determine a true meridian with the solar at the cor. of secs. 23-24-25 and 26 thence I run
	East on a random line bet. secs. 24 and 25 —
40.00	Set temp. 1/4 sec. cor
79.96	Intersect E bdy of Tp. at cor. of secs. 24 and 25 — which is a stone firmly set marked and witnessed as described by the surveyor General
	Thence I run
	West on a true line bet. secs. 24 and 25 —
	Over mountainous land
	Descending on steep broken N. slope
24.00	Bottom of ravine 150 ft. deep course N. 10° W.
	Ascending
39.98	Set a limestone 17 x 10 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable
45.00	Top of spur N.W. 160 ft. above ravine
	Leave steep N. slope and descend on W. slope
62.10	Bottom ravine 190 ft. below spur, drains N. Ascend
67.00	Ascent becomes less abrupt course N. and S.

Subdivision of T. 11 N. R. 3 E.

chains	
79.96	The cor. of secs. 23-24-25 and 26
	This cor. stands 250 ft. above ravine
	Land mountainous
	Soil gravelly and rocky 4th rate
	Timber: a few pine and mahogany scattering
	Dense maple and thorn undergrowth
	Mountainous land 79.96 chs.
	N. 0° 1' W. bet. secs. 23 and 24
	Over mountainous land
	Ascending gradually on E. slope in scattering timber
9.50	Top of ridge and edge of canon bears E and W
	Descend - Enter dense undergrowth and brake
13.90	slope becomes precipitous. - Leave undergrowth -
27.05	Saddle Creek 18 lks. wide flows W. in bottom of narrow canon 640 ft. deep.
	Begin abrupt ascent in slide rock and breaks
59.90	Top of Canon bears E and W. 700 ft. above creek
	Thence on S.E. slope ascending to
80.00	Set a limestone 28×10×9 ins. 21 ins. in a mound of stones 3 ft. base 2 ft. high on rocky bottom. for cor. of secs. 13-14-23 and 24 marked with 3 notches on S. and 1 notch on E. edges:
	This cor. stands 450 ft. above top of canon
	Land Mountainous
	Soil gravelly and rocky 4th rate
	Timber pine and mahogany. -
	Aspen brake and undergrowth -
	Mountainous land 80.00 chs. -
	June 21: at this cor. I set off 23° 27' 30" N. on the decl. arc, and at 12h 1m p.m. I m ? observe the sun on the meridian: the resulting lat. is 41° 41' N. —
	East on a random line bet. secs. 13 and 24
40.00	Set temp 1/4 sec. cor.
80.00	Intersect E. bdy. of Tp. 7 lks N of cor. of secs. 13 and 24 which is a stone firmly set marked and witnessed as described by the surveyor general
	Thence I run

Subdivision of T. 11 N. R. 3 E.

Claims	N. 89° 57' W. on a true line bet. secs. 13 and 24
	Over mountainous land
	Ascending on rolling slope
20.00	Top of spur runs S. 140 ft. above cor.
	Descend abruptly
22.10	Bottom of gulch drains S. 50 ft. deep. — ascend
40.00	Set a limestone 18×9×6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face: raised a mound of stones 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable
46.10	Top of spur runs S. 150 ft. high. — Descend abruptly
57.15	Spring branch 2 lks wide in bottom of gulch 18.0 ft. below spur course S 10° W.
	Begin abrupt ascent
80.00	The cor. of secs. 13-14-23 and 24
	This cor. stands 600 ft. above bottom of gulch
	Land mountainous
	Soil gravelly and rocky 3rd rate
	Timber: a few mountain mahogany scattering
	Dense aspen brake and brush in patches
	Mountainous land 80.00 chs: —

	N. 0° 1' W. bet. secs. 13 and 14
	Over mountainous land
5.00	Top of ridge bears N 10° E and S 10° W.
	Thence along w slope on broken surface to
38.02	small spring, on limy and head of gulch drains S. 30° W.
	Begin ascent. — Enter dense aspen brake and timber course E. and W.
40.00	Set a sandstone 16×9×6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face: raised a mound of stones 2 ft. base 1½ ft. high W. of Cor. —
	Pits impracticable
69.00	Top of ridge bears easterly and westerly 300 ft. above sec. cor.
	Begin gradual descent N. E. slope
80.00	Set a sandstone 17×9×6 ins. 11 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: from which
	An aspen tree 10 ins. diam. bears N. 31° 30' W. 7 lks dist. marked T. 11 N. R. 3 E. S. 11 B.T.
	An aspen tree 14 ins diam: bears N. 26° 10' E. 38 lks dist

Subdivision of T. 11 N. R. 3 E.

Chains	
	marked. T. 11 N R 3 E S 12 B.T.
	An aspen tree 6 ins. diam. bears S. 84° 0' E. 45 lks. dist.
	marked T 11 N R 3 E S. 13 B.T.
	An aspen tree 6 ins. diam. bears S. 49° 30' W. 41 lks. dist.
	marked T 11 N R 3 E, S 14 B.T.
	Land mountainous
	Soil gravelly 2nd and 3rd rate
	Timber, aspen of small size mostly and very dense
	growth.
	Mountainous land 8.00 chs. — Ascend & Elev. 7460 ft.
	June 21, 1901
	June 22: Drew
	S 87° 57' E on a random line bet. secs. 12 and 13
40.00	Set temp. 1/4 sec. cor.
80.08	Intersect E. bdy of Tp. at cor. of secs. 12 and 13
	which is a stone firmly set marked and witnessed
	as described by the surveyor general
	Thence S 2 chs
	N 87° 57' W. on a true line bet. secs. 12 and 13
	Over mountainous land and heavily timbered
	Ascending gradually on rolling surface
30.25	Top of ridge bears N. 60° E. and S. 60 W. 250 ft. above
	cor. — Descend
40.00	Set a sandstone 16 x 8 x 7 ins. 11 ins. in the ground
	for 1/4 sec. cor. marked 1/4 on N. face from which
	An aspen tree 5 ins. diam. bears N 87° 0' W. 29 lks.
	dist. marked 1/4 S. 12 B.T.
	An aspen tree 6 ins. diam. bears S 42° 16' W. 22 lks.
	dist. marked 1/4 S 13 B.T.
60.00	Bottom of hollow 175 ft. deep course N.E.
	Begin gradual ascend on N. slope of
80.08	The cor. of secs. 11-12-13 and 14
	Land mountainous
	Soil gravelly 2nd and 3rd rate
	Timber aspen of small size mainly but dense
	growth, and a few scattering pine
	Mountainous and heavily timbered land 8.08 chs.
	N 0° 1' W. bet secs. 11 and 12
	Over mountainous land and heavily timbered

Subdivision of T. 11 N. R. 3 E.

Chains	
	Descending gradually over rolling slope
40.00	Set a sandstone 16 x 9 x 7 ins. 11 ins. in the ground
	for 1/4 sec. cor. marked 1/4 on W. face from which
	An aspen tree 6 ins. diam. bears N. 87° E. 20 W. 13 lks. dist.
	marked 1/4 S. 11 B.T.
	An aspen tree 6 ins. diam. bears N. 77° 30 E. 26 lks. dist.
	marked 1/4 S 12 B.T.
40.80	Bottom of gulch 200 ft. below cor. course N. 60° W.
	Begin ascent on S.W. slope
41.00	Leave timber course parallel with gulch
67.50	Top of spur running N 30° W. 175 ft. above gulch
	Timber course N.W. and S.E.
60.00	Begin descent on N. slope
80.00	Set a sandstone 16 x 8 x 8 ins. 11 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; raised a mound of stones 2 ft.
	base 1½ ft. high W. of cor. Pits impracticable
	No trees of proper size within limit
	This cor. stands 200 ft. below top of spur
	Land mountainous
	Soil gravelly 2nd and 3rd rate
	Timber, aspen of small size and dense growth and
	a few scattering pine trees
	Mountainous and heavily timbered land 80.00 chs.—
	S 89° 57' E on a random line bet. secs. 1 and 12
40.00	Set temp. 1/4 sec. cor.
79.90	Intersect E. bdy. of Tp. 13 N. R. 3 E. cor. of secs. 1 and 12
	which is a stone firmly set marked and witnessed
	as described by the surveyor general.—
	Thence S. on
	S. 89° 57' W. on a true line bet. secs. 1 and 12
	Over mountainous land
	Descending in aspen brake and scattering timber
9.48	Bottom of gulch and dry wash 120 ft. below cor. course
	S 13° E.— Ascend low rolling slope
36.00	Top of ridge bears N. and S. 250 ft. high.— Descend
39.95	Set a sandstone 17 x 10 x 5 ins. 11 ins. in the ground
	for 1/4 sec. cor. marked 1/4 on N. face; raised a mound
	of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable
59.80	Bottom of hollow 170 ft. below ridge. course N. W.

Subdivision of T. 11 N. R. 3 E.

Chains	
	Begin gradual ascent on N. slope to
79,90	The cor. of secs. 1-2-11 and 12
	Land mountainous
	Soil gravelly 3rd rate
	Timber aspen of small size in patches.—
	Aspen brake and undergrowth.—
	Mountainous land 79,90 chs.—
	Note: The sky being cloudy during the noon hour I was unable to observe the sun on the meridian
	N 0° 1' W on a random line bet. secs 1 and 2
40,00	Set temp 1/4 sec. cor.
91,28	Intersect N. bdy. of Tp. 8 lks. E. of cor. of secs. 1-2-35 and 36 as heretofore described
	Thence I run
	S 0° 4' E on a true line bet. secs. 1 and 2
	Over mountainous land
	Descending to
6,30	Stream 5 lks wide in bottom of gulch 120 ft. below cor. course S. 75° W.—
	Begin ascent in aspen brake and fallen pine timber
42,00	Top of ridge bears N W and S. E. 350 ft. above gulch.— Descend.— Leave fallen timber
51,28	Set a sandstone 16 x 8 x 7 ins. 11 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
72,50	Bottom of gulch 360 ft. deep course W.
	Ascending
91,28	The cor. of secs. 1-2-11 and 12
	This cor. stands 290 ft. above bottom of gulch
	Land mountainous
	Soil gravelly 3rd rate
	No timber.— Dense aspen brake and brush
	Mountainous land 91,28 chs.—
	June 22: at 5h 5m p.m. 1 mt I set off 41° 39' N on the lat. arc 23° 28' N. on the decl. arc and determine a true meridian with the solar at the cor. of secs. 26-27-34 and 35 as heretofore described.— Thence I run

Subdivision of T. 11 N., R. 3 E.

Chains	S. 0° 2' E. on a random line bet. secs. 34 and [illegible]
4.00	Set temp. 1/4 sec. cor.
8.14.6	Intersect S. bdy. of Tp. 80 lks. E. of cor. of secs. 2-
	34 and 35; which is a stone firmly set marked [illegible]
	witnessed as described by the surveyor-general.—
	Set a limestone 18 x 10 x 6 ins.; 12 ins. in the ground
	for closing cor. of secs. 34 and 35, marked C.C. on
	S.E. with 2 grooves on E. and 4 grooves on W. faces;
	raised a mound of stones 2 ft. base 1½ ft. high W.
	of cor. Pits impracticable.—
	I remove all markings from original cor. pertaining
	to secs. 34 and 35.—
	Thence I run
	N. 0° 2' W. on a true line bet. secs. 34 and 35.—
	I run mountainous land
	Descending gradually, in scattering timber
17.80	Hollow drains E. 130 ft. below cor.; ascend
31.50	Top of ridge bears E. and W. 160 ft. above hollow
	Descend
39.80	Creek 3 lks. wide drains E. by S.E. in hollow 120
	ft. below ridge.— ascend
41.46	Set a limestone 17 x 9 x 6 ins.; 11 ins. in the
	ground for 1/4 sec. cor. marked 1/4 on W. face;
	raised a mound of stones 2 ft. base 1½ ft. high
	W. of cor.— Pits impracticable
45.00	Spring branch 3 lks. wide course E. S. for. W. 30 lks.
46.30	Spring branch 3 lks. wide course S.E.
63.50	Top of Top of ridge bears S. 60° E. and N. 60° W. 100 ft.
	above hollow.—
	Descend
69.14	Head of hollow 80 ft. deep drains S. 30° E.— Road
	runs parallel with hollow
	Ascend to—
81.46	The cor. of secs. 26-27-34 and 35.—
	This cor. stands 140 ft. above hollow
	Land mountainous
	Soil rocky and gravelly 4th rate
	Timber: scattering mountain mahogany
	Dense undergrowth in patches
	Mountainous land 81.46 chs.—

June 22. 1901

Subdivision of T 11 N R 3 E

Chains	
	June 23: at 7h 0m a.m., 1 m 1 — I set off 41° 39' N. on the lat. are 23° 28' N. on the decl. and determine a true meridian with the solar at the cor. of secs. 26-27-34 and 35: Thence I run N 0° 2' W. bet. secs. 26 and 27
	Over mountainous land
	Ascending. in scattering timber
14,45	Top of spur runs S. 30° E. — 100 ft. above cor. —
	Begin descent
16,10	Bottom of ravine 40 ft. deep drains S E. — ascend
21,00	Top of spur runs S.E. 90 ft. above ravine
	Thence on gradual ascent on S.E. slope to
40,00	Set a limestone 16×9×6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable. —
61,00	Top of ridge bears E. and W. 200 ft. above spur. Enter pine timber course E and W. and descend
80,00	Set a limestone 18×9×6 ins. 12 ins. in the ground for cor. of secs. 22-23-26 and 27 marked with 2 notches on S. and E. edges: from which
	A pine tree 10 ins. diam. bears S 46° 0' E 46 lks. dist. marked T 11 N. R. 3 E S. 26 B.T.
	A cedar tree 9 ins. diam. bears S 47° 30' W. 124 lks. dist. marked T 11 N R 3 E S 27 B.T.
	A pine tree 9 ins. diam. bears N 88° 45' W 101 lks dist. marked T 11 N R 3 E S 22 B.T.
	A cedar tree 10 ins. diam. bears N. 14° 25' E. 21 lks. dist. marked T. 11 N. R. 3 E. S. 23 B.T.
	This cor. stands 190 ft. below top of ridge
	Land mountainous
	Soil gravelly and rocky 4th rate
	Timber pine cedar and Mountain mahogany of fair quality. —
	Mountainous land 80,00 chs. —
	East on a random line bet. secs. 23 and 26
40,00	Set temp. 1/4 sec. cor.
80,00	Intersect N. and S. line at cor. of secs. 23-24-25

Chains	
	and 26
	Thence Orun
	West on a true line bet. secs. 23 and 26
	Over mountainous land. through scattering timber
	Ascending
2.75	Top of spur runs S. 20° E.
	Descending over rolling surface
19.60	Bottom of gulch 18.0 ft. deep course N.W.
	Ascending abruptly
40.00	Set a limestone 18x9x6 ins 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face: raised a mound of stones 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable
71.10	Top of ridge course N 20° W and S 20° E 4.00 ft. above gulch. - Descending in Pine timber
80.00	The cor. of secs. 22-23-26 and 27
	Land mountainous
	Soil gravelly and rocky 3rd and 4th rate
	Timber pine cedar and Mountain mahogany mainly scattering. -
	Mountainous land 80.00 chs. -

	N. 0° 2' W. bet. secs. 22 and 23
	Over mountainous land
	Descending gradually in timber
8.70	Edge of Canon bears S 75° W and N 75° E.
	Begin abrupt descent on rocky slope
13.00	Leave timber course E. and W.: cedar brush and brake
40.00	Set a limestone 17x8x6 ins: 11 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face: raised a mound of stones 2 ft. base 1½ ft. high W. of cor. - Pits impracticable
44.10	Saddle Creek 18 lks Wide rapid current good water course Westerly in bottom of narrow canon 6.80 ft. deep. -
	Begin abrupt ascent
70.10	Top of canon 7.00 ft. above creek course E and W.
	Thence on gradual ascent to
80.00	Set a limestone 18x8x6 ins: 12 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: raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable

Subdivision of T. 11 N. R. 3 E.

Chains	
	Land mountainous
	Soil rocky and gravelly 4th rate
	Timber pine and cedar of good quality
	Mountainous land 80,00 chs.
	June 23: at this cor. I set off 23° 27' N on the decl. arc and at 12h 1m p.m. ? m? observe the sun on the meridian: the resulting lat. is 41° 41' N.
	East on a random line bet. secs. 14 and 23.
40,00	Set temp 1/4 sec. cor.
80,18	Intersect N. and S. line 22 lks. S of cor. of secs. 13-14 23 and 24
	Thence I run
	S. 89° 51' W on a true line bet. secs. 14 and 23
	Over mountainous land
	ascending
1,30	Top of ridge bears N. 10° E and S. 10° W. Descend
15,00	Descend abruptly in precipitous cliffs 160 ft below cor
22,20	Bottom of ravine 260 ft. deep drains S. ascend
40,09	Set a limestone 18 x 9 x 5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face: raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable
55,00	Top of ravine and spur running S. 300 ft above ravine
	Descend
64,80	Bottom of ravine 180 ft. deep drains S.
	ascend
80,18	The cor. of secs. 14-15-22 and 23
	This cor. stands 200 ft. above ravine
	Land mountainous
	Soil gravelly and rocky 4th rate
	Timber scattering pine and cedar
	Mountainous land 80,18 chs. —
	N. 0° 2' W. bet. secs. 14 and 15
	Over mountainous land
	ascending in brake and undergrowth
30,00	Top of slope and ridge running N. 60° E. 450 ft above cor. — Thence on W. slope
	Enter aspen timber course E. and W.
35,00	Begin gradual descent on N.W. slope
40,00	Set a sandstone 16 x 8 x 6 ins. 11 ins. in the ground

chains	
	for 1/4 sec cor. marked 1/4 on W. face: raised a mound of stones 2 ft. base 1½ ft. high W. of cor. — Pits impracticable
76.50	Leave aspen timber course N.W. and S.E.: enter burnt fallen pine timber
80.00	Set a limestone 18×9×6 ins 12 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: raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
	This cor. stands 400 ft. below top of ridge
	Land Mountainous
	Soil gravelly and rocky 3rd rate
	Timber pine of small size and very dense growth
	Mountainous land 80.00 chs. —
	June 23, 1901
	June 24: at 7h 25m a.m., 1m? I set off 41° 42' N. on the lat. arc 23° 27' N. on the decl. arc and determine a true meridian with the solar at the cor of secs. 10-11-14 and 15 thence I run N. 89° 51' E on a random line bet. secs. 11 and 14
40.00	Set temp 1/4 sec. cor.
80.10	Intersect N. and S. line 9 lks N. of cor. of secs. 11-12 13 and 14
	Thence I run
	S. 89° 55' W. on a true line bet. secs. 11 and 14
	Over mountainous land
	Ascending gradually in dense brake and timber
17.50	Top of spur runs N 20° W. 100 ft. above cor.
	Descend
28.70	Bottom of gulch 200 ft. deep course N. 25° W.
	Ascending to
40.05	Set a sandstone 16×9×6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face: raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable
41.00	Top of spur runs N. 30° W. 175 ft. above gulch —
	Descending
59.50	Bottom of ravine 140 ft deep course N. 25° W.
	Ascending, in burnt fallen timber course N and S
77.00	Top of Spur runs N. 25° W. 160 ft. above ravine
	Descending to

Chains	
80,10	The cor. of secs. 10-11-14 and 15 —
	Land mountainous
	Soil gravelly and rocky 3rd rate —
	Timber aspen of small size mainly, and dense growth —
	Mountainous land 80,10 chs. —
	N. 0° 2' W. bet. secs. 10 and 11
	Over mountainous land
	Descending in burnt fallen pine timber
22,20	Bottom of ravine 40 ft. deep course S.W.
33,24	Dry wash and bottom of gulch 600 ft. below course course S.W.
	Begin abrupt ascent; Land burnt timber course S.W. and N.E.
40,00	Set a limestone 16 x 8 x 7 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
47,50	Top of spur runs E. 300 ft. above gulch. — Descend
52,60	Bottom of ravine 110 ft. deep course S. 60° E.
	Ascend. in aspen brake and brush course E. and N.
76,25	Top of spur runs S. 30° E. 260 ft. above ravine
	Descend on N.E. slope to —
80,00	Set a Landeloine 16 x 8 x 7 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. edges; from which
	An aspen tree 4 ins. diam. bears N. 3° 30' E. 16 lks. dist. marked T. 11 N. R. 3 E. S. 2 B.T.
	An aspen tree 4 ins. diam. bears S. 45° 45' E. 4 lks. dist. marked T. 11 N. R. 3 E. S. 11 B.T.
	An aspen tree 4 ins. diam. bears S. 16° 30' W. 5 lks. dist. marked T. 11 N. R. 3 E. S. 10 B.T.
	An aspen tree 4 ins. diam. bears N. 47° 45' W. 23 lks. dist. marked T. 11 N. R. 3 E. S. 3 B.T.
	Land mountainous
	Soil gravelly and rocky 4th rate
	Timber burnt and dry
	Mountainous land 80,00 chs. —

Subdivision of T. 11 N. R. 3 E.

Chains	
	June 24: at this cor. I set off 23°26' N. on the decl. arc and at 12h 2m p.m. 1mt observe the sun on the meridian the resulting lat. is 41°42'30" N.
	N. 89°55' E on a random line bet. secs. 2 and 11.
40.00	Set temp. 1/4 sec. cor.
80.12	Intersect N. and S. line 12 lks N of cor of secs. 1-2-11 and 12.
	Thence I run
	West on a true line bet. secs. 2 and 11
	Over mountainous land
	Ascending on N.E. slope in dense aspen brake
11.00	Top of spur runs N. 30° W. 125 ft. above cor.
	Begin descent over broken slope to
40.06	Set a limestone 16 x 9 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; raised a mound of stones 2 ft. base 1 1/2 ft. high N. of cor. Pits impracticable
54.60	Bottom of steep rocky gulch and dry wash 500 ft. below spur course S. 30° W.
	Begin abrupt ascent
65.00	Top of spur runs S. 25° E 360 ft. above gulch
	Descend to
76.10	Bottom of hollow 100 ft. deep course S. 30° E. —
	ascend to
80.12	The cor. of secs. 2-3-10 and 11.
	Land mountainous
	Soil gravelly and rocky 4th rate
	No timber. — Dense aspen brake and brush
	Mountainous land 80.12 chs. —
	N. 0°2' W. on a random line bet. secs. 2 and 3
40.00	Set temp 1/4 sec. cor.
91.50	Intersect N. bdy. of Tp. 12 lks. E. of cor of secs. 2-3-34 and 35 as heretofore described
	Thence I run
	S 0°7' E on a true line bet. secs. 2 and 3
	Over mountainous land
	Through aspen brake and scattering timber
7.00	Begin descent on broken S.E. slope
35.00	Bottom of ravine 340 ft. below cor. course S.E.
	Thence on gradual ascent on steep E slope to

Subdivision of T. 11 N. R. 3 E.

Chains	
57,50	Set a sandstone 17×7×5 ins. 11 ins. in the ground for 1/4 sec cor. marked 1/4 on W. face: raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
62,50	Top of spur runs S 30° E 200 ft above ravine
	Descending abruptly on S. slope
86,42	Bottom of hollow 350 ft. below spur course S. 30° E
	ascending
91,50	The cor. of secs. 2-3-10 and 11
	Land mountainous
	Soil gravelly and rocky 3rd rate
	Timber scattering aspen and a few pine. - aspen brake and brush
	Mountainous land 91,50 chs. —
	June 24, 1901
	June 25: at 7h 3m a.m. ? m ? I set off 41° 39' N. on the lat. arc 23° 26' N on the decl arc and determine a true meridian with the solar at the cor. of secs. 27-28-33 and 34. thence I run
	S. 0° 2' E. on a random line bet. secs. 33 and 34
40,00	Set temp. 1/4 sec. cor.
81,44	Intersect S. bdy. of Tp. 117 lks. E of the cor. of secs. 3-4-33 and 34 which is a stone firmly set marked and witnessed as described by the surveyor general
	Set a limestone 20×8×6 ins. 15 ins. in the ground for closing cor. of secs. 33 and 34 marked C.C. on N. with 3 groves on S and W. faces: raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable. —
	I destroy all markings on original cor. pertaining to secs. 33 and 34.
	Thence I run
	N. 0° 2' W on a true line bet. secs. 33 and 34
	Over mountainous land
	Ascending on broken slope in scattering timber
12,50	Top of ridge course E and W. 100 ft. above cor.
	Begin descent on broken N.W. slope
41,44	Set a limestone 16×9×7 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face: raised a

Chains	mound of stones 2 ft. base 1½ ft. high W. of cor. —
	Pits impracticable
87.44	The cor. of secs. 27-28-33 and 34
	This cor. stands 600 ft. below the ridge
	Land mountainous
	Soil gravelly and rocky 4th rate
	Timber mountain mahogany and cedar scattering
	Mountainous land 87.44 chs —
	N 0° 2' W. bet. secs. 27 and 28
	Over mountainous land
	Descending
4.48	Road bears E and W. in bottom of gulch 75 ft. below cor.
	course W. — Ascend
14.00	Top of spur runs S. 30° E. ; thence on S. E. slope
37.90	Enter mountain mahogany timber course E and W.
40.00	Set a limestone 17 x 8 x 5 ins. 11 ins. in the ground
	for 1/4 sec. cor. marked 1/4 on W. face ; raised a
	mound of stones 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable Aneroid Elev. 7080 ft.
64.00	Top of ridge bears N. E. and S. W. 700 ft. above gulch
	Descend
75.00	Edge of cañon bears E and W. ; begin abrupt descend
80.00	Set a limestone 18 x 8 x 6 ins. 12 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 ;
	raised a mound of stones 2 ft. base 1½ ft. high W.
	of cor. — Pits impracticable
	This cor. stands 350 ft. below top of ridge
	Land mountainous
	Soil gravelly and rocky 3rd rate
	Timber mountain mahogany cedar and a few pines
	of small size mainly. —
	Mountainous land 80.00 chs. —
	East on a random line bet. secs. 22 and 27
4.00	Set iron 1/4 sec. cor.
80.14	Intersect N. and S. line 18 lks E. of cor. of secs. 22-23-
	26 and 27
	Thence 9 ins
	S. 89° 52' W. on a true line bet. secs. 22 and 27

Subdivisions T11N R3E.

	Over mountainous land
	Descending on N.W. slope, in scattering timber and undergrowth—
22.50	Bottom of ravine 300 ft. below cor. course N.25°W.
	Ascend
40.07	Set a limestone 17×9×6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; raised a mound of stones 2 ft. base 1½ ft. high N of cor.—Pits impracticable
42.10	Top of spur 250 ft. above ravine course N.20°W.
	Descend abruptly to—
68.50	Bottom of ravine 360 ft. below spur
	Ascending gradually on N. slope to
80.14	The cor. of secs. 21-22-27 and 28
	Land mountainous
	Soil gravelly and rocky 4th rate
	Timber, pine cedar and mountain mahogany maple wild cherry and thorn undergrowth—
	Mountainous land 80.14 chs.—
	June 25: at this cor. I set off 23°24'30" N. on the decl. arc and at 12h 2m p.m., l.m.t. observe the sun on the meridian the resulting lat. is 41° 40' N.—
	N.0°2'W. bet. secs. 21 and 22
	Over mountainous land
	Descending abruptly, in dense undergrowth
25.00	Descent becomes rocky and precipitous
40.00	Set a limestone 17×8×5 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on on W. face: raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
45.00	Enter bottom of saddle creek canon 800 ft. below sec. cor.
45.30	Road running E and W.
46.45	Saddle creek 20 lks. wide rapid current good water course S.
47.00	Begin abrupt ascent course E. and W.
70.00	Enter slide rock bears E. and W., and timber course N.W. and S.E.
80.00	Set a limestone 17×8×6 ins. 11 ins. in the ground for cor. of secs. 15-16-21 and 22 marked with 3 notches on S. and E. edges from which

Subdivision of T. 11 N. R. 3 E.

chains	
	A cedar tree 10 ins. diam. bears N. 75° 40' E. 33 lks. dist. marked T 11 N R 3 E S 15 B.T.
	A cedar tree 11 ins. diam. bears S. 18° 45' E. 16 lks dist. marked T 11 N R 3 E S 22 B.T.
	A mountain mahogany tree 3 ins. diam. bears S. 34° 62 W. 3 lks. dist. marked T 11 N R 3 E S 21 B.T.
	A mountain mahogany tree 6 ins diam. bears N. 89° 30 W. 2 lks. dist. marked T. 11 N R 3 E. S. 16 B.T.
	This cor. stands 600 ft. above the creek
	Land mountainous
	Soil gravelly and rocky 4th. rate
	Timber, Cedar and Mountain Mahogany of small size
	Mountainous land 80.00 chs.
	N. 89° 52' E on a random line bet. secs. 15 and 22
40.00	Set 1/4 sec. cor.
80.00	Intersect N. and S. line 19 lks. N. of cor. of secs. 14-15-22 and 23
	Thence I run
	West on true line bet. secs. 16 and 22
	Over mountainous land
	Descending gradually on edge of canon, broken slope and scattering timber
24.00	Bottom of ravine 130 ft. below cor. course S.
	Ascend
34.50	T. of S. runs S. 100 ft. above ravine
	Descend abruptly in cliffs to
40.00	Set a limestone 16 x 9 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; raised a mound of stones 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable
	Thence along steep rocky S. slope to
80.00	The cor. of secs. 15-16-21 and 22
	This cor. stands 200 ft. below ridge
	Land mountainous
	Soil rocky — barren rock mainly
	Timber, mountain mahogany and cedar, scrub growth, scattering
	Mountainous land 80.00 chs.

June 25. 1901

Subdivision of T. 11 N. 19 3 E.

chains	
	June 26. I run
	N. 0° 2' W. bet. secs. 15 and 16.
	Over mountainous land.
	Ascending abruptly, in timber
5,50	Top of canon and Spur running S.W. 100 ft. above cor. — Descending gradually on N.W. slope
36,20	Bottom of Dry Fork gulch 300 ft. deep course S 30° W
	Begin abrupt ascent on rocky slope
40,00	Set a limestone 16×10×6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; raised a mound of stones 2 ft base 1½ ft high W. of cor. Pits impracticable
80,00	Set a limestone 18×9×7 ins. 12 ins. in the ground for cor. of secs. 9-10-15 and 16 marked with 4 notches on S and 3 notches on E. edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable. —
	This cor. stands 680 ft. above bottom of gulch
	Land mountainous
	Soil gravelly and rocky 4th rate
	Timber Mountain Mahogany and cedar of scrubby growth; scattering. —
	Mountainous land 80,00 chs. —
	East on a random line bet. secs. 10 and 15
40,00	set temp 1/4 sec. cor.
79,82	Intersect N. and S. line 21 lks N. of cor. of secs. 10-11-14 and 15
	Thence I run
	N. 89° 57' W. on a true line bet. secs. 10 and 15
	Over mountainous land
	Descending on N.W. slope; over dead fallen timber and aspen brake.
33,00	Bottom of Dry Fork gulch 450 ft. below cor. course S.W. — ascend abruptly
39,91	Set a limestone 16×9×5 ins. 10 ins in the ground for 1/4 sec. cor. marked 1/4 on N. face; raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable
61,00	Top of spur 430 ft. above gulch, runs S. 20° E.
	Descend to

chains	
76,20	Bottom of ravine drains S. 20° E. 130 ft. dist.
	ascend abruptly to
79,82	The cor. of secs. 9-10-15 and 16
	This cor. stands 100 ft. above ravine
	Land mountainous
	Soil gravelly and rocky 3rd rate
	Timber dry pine and scattering scrubby cedar on
	W. side of gulch. — aspen brake and brush
	Mountainous land 79.82 chs. —
	N. 0° 2' W. bet. secs. 9 and 10
	Over mountainous land
	Ascending on S. slope
31,00	Top of slope and S end of ridge, 474 ft above cor.
	Thence along N. side of ridge 3 chs from top —
	Enter dense undergrowth course E. and W.
40,00	Set a sandstone 18 x 9 x 6 ins. 12 ins in the ground
	for 1/4 sec. cor. marked 1/4 on W. face; raised
	a mound of stones 2 ft. base 1½ ft. high W.
	of cor. Pits impracticable
	June 26: at this cor. O set off 23° 23' N. on the
	decl. arc and at 12 h 2 m p m, mt obscure the
	sun on the meridian the resulting lat. is 41°
	42' N. —
61,00	Top of ridge bears N. 10° E. and S. 10° W.
	Leave dense undergrowth — course E. and W.
	Thence on W. slope and gradual ascent to —
80,00	Set a limestone 16 x 8 x 6 ins. 11 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;
	raised a mound of stones 2 ft. base 1± ft. high
	W. of cor. — Pits impracticable. —
	This cor. stands 650 ft. above last described sec. cor.
	Land Mountainous
	Soil gravelly 3rd rate
	No timber. — Dense undergrowth of larb and thorn
	Mountainous land and dense undergrowth 80.00 chs.
	S. 89° 37' E. on a random line bet. secs. 3 and 10
40,00	Set iron p. 1/4 sec. cor.

Subdivision of T. 11 N. R. 3 E.

chains	
80,00	Intersect N. and S. line at cor. of secs. 2-3-10 and 11
	Thence I run
	N. 89° 51' W. on a true line bet. secs. 3 and 10.
	Over mountainous land
	Ascending in aspen brake and brush
20,10	Top of ridge bears N. and S. 200 ft. above cor
	Descend
29,35	Bottom of gulch 135 ft below ridge course S. 35° W.
	Thence over rolling slope on gradual descent to
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: raised a mound of stones 2 ft. base 1½ ft. high N. of cor. —
	Pits impracticable
42,40	Spring branch in bottom of open gulch 200 ft. below ridge course S. — spring and head of gulch about 15 chs N. — Begin ascent
75,00	Top of ridge bears N. and S. 320 ft. above gulch
	Descend to
80,00	The cor. of secs. 3-4-9 and 10. —
	This cor. stands 90 ft. below top of ridge
	Land mountainous
	Soil gravelly 3rd rate
	No timber. — Aspen brake and brush
	Mountainous land 80,00 chs. —

June 26 at 4h 30m p.m., I set off 41° 42' 30" N. on the lat. arc 23° 23' 30" N. on the decl. arc and determine a true meridian with the solar at the cor. of secs. 3-4-9 and 10

	Thence I run
	N 0° 2' W. on a random line bet. secs. 3 and 4
40,00	Set temp. 1/4 sec. cor
91,76	Intersect N. bdy. of Tp. at cor. of secs. 3-4-33 and 34 as hereinbefore described
	Thence I run
	S. 0° 2' E on a true line bet. secs. 3 and 4
	Over mountainous land
	Ascending gradually to
1,40	Top of ridge bears N 80° W and S 65° E
	Begin descent. —

Chains	
4,25	Head of gulch 50 ft. below ridge course S. 66° W.
	Enter dense ashen timber parallel to gulch and
	Begin ascend
17,75	Top of ridge bears E and W. 175 ft. above gulch
	Descend
44,45	Bottom of gulch draining W. 250 ft. deep
	Ascend
67,76	An ashen tree 4 in diam. for 1/4 sec cor. S
	mark 1/4 S. 4 on W. side 3 on E side from which
	an ashen tree 6 in diam. bears N 88° 30' W. 33
	lks. dist. marked 1/4 S 4 B.T.
	An ashen tree 4 in. diam. bears S. 17° E 10 lks
	dist. marked 1/4 S 3 B.T.
86,80	Top of spur runs N W. 125 ft. high. —
	Descend
62,25	Bottom of ravine 50 ft deep course N W
	Ascend
71,26	Top spur 90 ft. high course W. 60° W. — Descend
91,76	The cor. of secs. 3 — 4 — 9 and 10
	This cor. stands 200 ft. below the spur
	Land mountainous
	Soil gravelly and rocky 3rd rate
	Timber ashen of small size mainly but dense
	growth. —
	Mountainous land 91,76 chs. —
	June 26. 1901.

June 27: at 7h 5m a.m. I set off 41° 39' N. on the lat. arc 23° 22' N. on the decl. arc and determined with the solar a true meridian at the cor. of secs. 28-29-32 and 33. Thence I run S 0° 3' E on a random line bet. secs. 32 and 33

40,00	Set temp. 1/4 sec. cor.
81,50	Intersect S. bdy. of Tp. 1 N. 12 chs. E. of cor. of secs. 4-5-32 and 33 as heretofore described
	Set a limestone 18 x 10 x 3 ins. 12 ins. in the ground for closing cor. of secs. 32 and 33 marked C. C. on N. with 4 grooves on E and 2 grooves on W. faces, raised a mound of stones 2 ft. base 1½ ft. high N. of cor. —
	Pits impracticable. —

Subdivision of T. 11 N. R. 3 E.

Claim	I destroy all marking on original cor. pertaining to sees. 32 and 33.
	Thence I run
	N. 0° 3' W. on a true line bet. sees. 32 and 33
	Over mountainous land
	Descending in bottom of gulch running N. 15° E.
2,90	Begin ascent on E. slope
5.00	Top of spur E. 60 ft. high. - Descend
23,70	Bottom of gulch bears N. 25° W. and S. 25° E. 100 ft. below spur. — Thence in bottom of gulch to
27,50	Dry wash and bottom of gulch course N.W.
	Begin ascent on S.W. slope
41,50	Set a limestone 18 x 8 x 6 in. 12 in. in the ground for 1/4 sec cor. marked 1/4 on W. face: raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
43.60	Top of ridge bears N.W. and S.E. 200 ft. above gulch
	Descend gradually on rolling surface
63,00	Bottom of draw course N.W. 60 ft. deep. - ascend
68.00	Top of spur 80 ft. high runs N.W. — Descend
78.60	Bottom of hollow 120 ft below spur course N.W.
81.50	The cor. of sees. 28-29-32 and 33.
	Land mountainous
	Soil gravelly and rocky 3rd rate
	Timber, scattering mountain mahogany and cedar. — maple undergrowth
	Mountainous land 81.50 chs. —
	N. 0° 3' W. bet. sees. 28 and 29
	Over mountainous land
	Descending gradually, in scattering timber and dense brush
13.00	Begin abrupt descent on side of canon course E. and W.
28.93	Bottom of gulch and stream 2 lks. wide course W. 400 ft. below cor. — ascend in rocky brakes
40.00	Set a limestone 17 x 9 x 6 in. 11 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
48.00	Top of ridge bears E. and W. 450 ft. above gulch

	chains	
		Begin abrupt descent on N.W. slope
	80,00	Set a limestone 17 x 9 x 8 ins. 11 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; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
		Pits impracticable —
		This cor. stands 500 ft. below top of ridge
		Land mountainous
		Soil rocky and gravelly ¼ ch. rate —
		Timber scattering cedar and pine —
		Thorn and snake undergrowth —
		Mountainous land 80,00 chs. —
		June 27: at this cor. I set off 23° 21' N. on the decl. arc and at 12 h 3m p.m. ? mr. observe the sun on the meridian: the resulting lat. is 41° 40' N. —
		East on a random line bet. secs. 21 and 28
	40,00	Set temp. ¼ sec. cor.
	79,92	Intersect N. and S. line 15 lks. N. of cor. of secs. 21-22-27 and 28
		Thence I run
		N. 89° 54' W. on a true line bet. secs. 21 and 28
		Over mountainous land
		Descending on steep N.W. slope in dense brush
	23,50	Bottom of ravine 160 ft. deep course N.
		Ascend to —
	39,96	Set a limestone 17 x 9 x 6 ins. 11 ins. in the ground for ¼ sec. cor. marked ¼ on N. face; raised a mound of stones 2 ft. base 1½ ft. high N. of cor. — Pits impracticable
		This cor. stands on top of spur running N. 15° W. 130 ft. above ravine
		Descend
	56,10	Bottom of ravine 200 ft. deep course N. 20° W.
		Ascend to —
	66,00	Top of spur 170 ft. high course N. 20° W.
		Descending abruptly to —
	79,92	This cor. of secs. 20-21-28 and 29
		This cor. stands 190 ft. below spur
		Land mountainous

Subdivisions of T. 11 N. R. 3. E.

	Soil gravelly and rocky 3rd rate Timber; a few pine scattering — dense maple and wild cherry brush Mountainous land 79.92 chs
	N. 0° 3' W. bet. secs. 20 and 21 Over mountainous land Descending broken steep N.W. slope in scattering timber
20.27	Left Hand Fork or Saddle Creek 20 lks wide swift current, pure water course S.W. in bottom of narrow rocky Canon 500 ft. below cor.
20.80	Canon road parallel with creek Begin abrupt ascent
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 raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
47.00	Top of Canon bears E and W. 700 ft. above creek Begin descent in head of hollow running N. 15° W. — Lead timber
69.90	Spring branch 1 lk. wide from spring 4 chs E of line, course N. 25° W. Thence on N.W. slope and gradual descent to
80.00	Set a limestone 17 x 8 x 7 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; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. — Pits impracticable This cor. stands 260 ft. below top of canon Land mountainous Soil rocky and gravelly 3rd and 4th rate Timber pine and cedar scattering Mountainous land 80.00 chs. —
	S. 89° 54' E. over a random line bet. secs. 16 and 21
40.00	Set iron 1/4 sec. cor.
79.94	Intersect N. and S. line 12 lks. S. of cor. of secs. 15-16-21 and 22 Thence Over N. 89° 39' W. on a true line bet. secs. 16 and 21 Over mountainous land

Subdivision of T. 11 N., R. 3 E.

Chains	
	Ascending on steep rocky S. slope in scattering timber
4.70	Top of canon and spur running S. 30° W. 50 ft above cor. Descend abruptly
22.66	Bottom of canon and dry wash 40 ft. deep course S. 30° W.
	Begin abrupt ascent
39.97	Set a limestone 16 x 10 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face raised a mound of stones 2 ft. base 1½ ft. high N. of cor. — Pits impracticable
56.00	Top of rocky ridge bears N. and S. 635 ft. above canon. —
	Descend to —
79.94	The cor. of secs. 16-17-20 and 21
	This cor. stands 250 ft. below top of ridge
	Land mountainous
	Soil rocky 4th rate —
	Timber cedar and pine scattering
	Mountainous land 79.94 chs. —
	June 27, 1901

	June 28 Ironed
	N. 0° 3' W. bet. secs. 16 and 17
	Over mountainous land
	Ascending gradually on W. slope
7.00	Top of spur running W. and beginning of descent on N.W. slope
13.70	Stream 5 lks wide flows S.W. on bottom of narrow gulch 140 ft. deep. — ascend
17.00	Top of spur 60 ft. high course E. — Descend
23.50	Same stream and gulch as above from N.E. turns S.E. — Ascend on rolling slope
40.00	Set a sandstone 16 x 9 x 8 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. — Pits impracticable
75.00	Top of spur runs E. 430 ft. above gulch.
	Descend, and enter aspen brake course E. and N.
80.00	Set a sandstone 16 x 9 x 3 ins. 11 ins. in the ground for cor. of secs. 8-9-16 and 17 marked with 4 notches on S. and E. edges; from which

Subdivision of T. 11 N. R. 3 E.

Chains	An aspen bee 4 inn. diam. bears N. 33° 20' E. 33 lks dist. marked T. 11 N. R. 3 E. S. 9 B.T.
	An aspen bee 4 inn. diam. bears S 29° 45' E 54 lks dist. marked T. 11 N. R. 3 E. S 16 B.T.
	An aspen bee 4 inn. diam. bears S 70° 10' W. 37 lks. dist. marked T. 11 N. R. 3 E. S. 17 B.T.
	An aspen bee 4 inn. diam. bears N 67° 30' W. 16 lks dist. marked T. 11 N. R. 3 E. S. 8 B.T.
	This cor. stands 60 ft. below above.
	Land mountainous
	Soil gravelly 3rd rate
	No timber. — Aspen brake in patches
	Mountainous land 80.00 chs.
	S 89° 54' E on a random line bet. secs. 9 and 16
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. and S. line at cor. of secs. 9-10-15 and 16
	Thence O runs
	N 89° 59' W. on a bee line bet. secs. 9 and 16
	Over mountainous land
	Ascending
7.50	Top of knoll runs S 150 ft. above cor. — Descend
15.10	Bottom of gulch 110 ft. deep course S. — Ascend
23.00	Top of ridge 190 ft. above gulch course N. 25° E. and S. 26° W. — Descend steep slope
40.00	Set a limestone 18 x 10 x 6 inn. 12 inn. in the ground for 1/4 sec. cor. marked 1/4 on N. face; raised a mound of stones 2 ft. base 1½ ft. high N. of cor. — Pit impracticable
42.30	Descend between gradual course N. and S.
64.00	Dry wash 20 ft. deep course S.W.
66.30	Stream 5 lks wide in bottom of open gulch 500 ft below ridge course S. — Ascend
69.00	Enter dense aspen brake course N. and S.
80.00	The cor. of secs. 8-9-16 and 17
	This cor. stands 100 ft. above gulch
	Land mountainous
	Soil gravelly 3rd rate
	No timber. — Aspen brake in patches
	Mountainous land 80.00 chs. —

Subdivision of T. 11 N. R. 3 E.

Chains	
	N. 0°3' W. bet. secs. 8 and 9.
	Over mountainous land
	Descending gradually on rolling E. slope in dense aspen brake
3,00	Bottom of hollow drains E. — ascend
12,00	Top of spur runs E. 60 ft. high. — Descend
26,60	Bottom of hollow drains E. 75 ft. deep. ascend
38,50	Top of spur 200 ft. above cor. course E.
40,00	Set a porphyry stone 17×9×6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable. —
	Descend
55,00	Bottom of hollow drains E. 140 ft. deep; a spring 60 lks diam. bears E. 4,60 chs.
	Ascend to
80,00	Set a limestone 18×8×7 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; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable. —
	This cor stands 160 ft. above hollow. —
	Land mountainous
	Soil gravelly and rocky 3rd rate
	No timber. — Dense aspen brake
	Mountainous land 80,00 chs. —
	June 28: at this cor. I set off 23°18' N. on the decl arc and at 12h 3m p.m., 1 m. observe the sun on the meridian: the resulting lat. is 41°42'30" N.
	S 89°59' E on a random line bet. secs. 4 and 9.
40,00	Set temp 1/4 sec. cor.
79,86	Intersect N. and S. line 10 lks. S. of cor. of secs. 3-4-9 and 10
	Thence I run
	S. 89°57' W. on a true line bet. secs 4 and 9
	Over mountainous land
	Descending abruptly, in aspen brake
39,93	Set a limestone 18×10×5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; raised a mound of stones 2 ft. base 1½ ft. high

Subdivision of T 11 N R 3 E

Chains	
	W. of cor. Pits impracticable
57,20	Spring branch 1 link wide flows S.W.
	Land aspen brake course N. and S.
60,10	Streams 4 lks. wide in bottom of open gulch 200 ft.
	below sec. cor. course S. ascend
63,00	Enter aspen brake course N. and S.
79,86	The cor. of secs. 4-5-8 and 9.
	This cor. stands 180 ft. above stream
	Land mountainous
	Soil gravelly 3rd rate
	Sev. timber. — Aspen brake and brush
	Mountainous land 79,86 chs. —

June 28 at 4h 40m p.m. I met & set off 41°42' 30" N. on the lat. arc 23°19' N. on the dec. arc and determined a true meridian with the solar at the cor. of secs. 4-5-8 and 9. Thence I run N. 0°3' W. on a random line bet. secs. 4 and 5 —

40,00	Bet. mons. 1/4 sec cor.
91,84	Intersect N. bdy of Tp 30 lks. W. of cor. of secs 4-5-32 and 33 as heretofore described
	Thence I run
	S 0°10' W. on a true line bet. secs. 4 and 3 —
	Over mountainous land
	Ascending gradually on E slope in aspen brake
4,25	Spring branch 2 lks wide flows N.E. in wash 10 ft. deep.
8,00	Top of spur, and divide of watersheds of Blacksmith Fork and Logan River, being a low saddle separating two open gulches, course E. 60 ft above cor.
	Begin gradual descent on broken E. slope
25,10	Spring branch 2 lks wide in hollow 80 ft. deep course N. 75° E. — Ascending to
46,00	Top of spur runs E 100 ft above hollow
	Descend
47,90	Spring branch 1 link wide in bottom of hollow 70 ft. deep course E. — ascend
57,84	Set a sandstone 16×8×6 ins. 10 ins in the ground for 1/4 sec cor. marked 1/4 on W. face from which An aspen tree 4 in. diam. bears S 28° E. 20 lks dist marked 1/4 S. 4 B. T.

Subdivision of T. 11 N. R. 3 E.

Chains	
	An aspen 6 ins. diams. bears N. 32° E. 20 lks. marked 1/4 S. 5 - 13 T.
59.00	Top of spur runs E. 125 ft. above hollow. - Descend W.
81.70	Bottom of gulch 80 ft. deep course E., ascend.
89.00	Top of spur runs E. 75 ft. high. - Descend.
91.84	The cor. of secs. 4-5-8 and 9
	Land mountainous
	Soil gravelly 3rd rate
	No timber. - Dense aspen brake and brush
	Mountainous land 91.84 chs.
	June 28, 1901

June 29 at 7h 12m A.M., I met - I set off 41° 39' N. on the lat. arc 23° 17' N. on the decl. arc and determine a true meridian with the solar at the cor. of secs. 29-30-31 and 32 as heretofore described

Thence I run

S. 0° 4' E. on a random line bet. secs. 31 and 32

4.00	Set temp. 1/4 sec. cor.
81.34	Intersect S. bdy. of Tp. 120 lks. E. of cor. of secs. 5-6 31 and 32 as heretofore described. -
	Set a limestone 16 x 9 x 6 ins., 11 ins. in the ground for closing cor. of secs. 31 and 32 marked C.C. on N. with - 1 grove on W. and 5 groves on E. faces; raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable. -
	I remove all markings from original cor. relating to secs. 31 and 32

Thence I run. -

N. 0° 4' W. on a true line bet. secs. 31 and 32

Over mountainous land.

Descending on N.W. slope in brush and aspen brake

41.54	Set a limestone 17 x 9 x 6 ins., 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face raised a mound of stones 2 ft. base 1½ ft. high W. of cor. - Pits impracticable
57.00	Spring branch 2 lks. wide draws N. 75° W. in hollow 30 ft. deep; Spring E. about 10 chs. -
70.73	Bottom of gulch and stream 1 link wide course

Subdivision of T. 11 N. R. 3 E.

Chains	
	N. 20° E. 580 ft. below sec. cor.
	Begin ascent
81.54	The cor. of secs. 29-30-31 and 32
	This cor. stands 100 ft. above gulch
	Land mountainous
	Soil gravelly and rocky 3rd & 4th rate
	Tim. timber — Aspen brake and brush
	Mountainous land 81.54 chs. —
	N. 0° 4' W. bet. secs. 29 and 30
	Over mountainous land
	Ascending abruptly to
11.00	Top of spur runs N.E. 200 ft. above cor.
	Descend abruptly on N. slope and side of Canon
	Enter timber course parallel with spur
40.00	Set a limestone 16 x 9 x 5 ins. 10 ins. in the ground
	for 1/4 sec. cor. marked 1/4 on W. face; from which
	A birch tree 6 ins. diam. bears S. 28° 30' W. 22 lks.
	dist. marked 1/4 S 30 B.T.
	A maple tree 4 ins. diam. bears N. 39° 0' E. 27 lks.
	dist. marked 1/4 S. 29 B.T.
44.18	Left Hand Fork or Saddle Creek 25 lks. wide
	in bottom of narrow Canon 6 1/2 ft. below spur
	Course S. 75° W.
45.30	Canon road runs S. 75° W. and N. 75° E.
	Leave timber course parallel to Canon
	Ascend abruptly
60.00	Enter precipitous cliffs course N. 75° E and S. 75° W.
80.00	Set a limestone 17 x 7 x 6 ins. 11 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 from which
	A mahogany tree 6 ins. diam. bears N. 78° 6' W. 5
	lks. dist. marked T 11 N R 3 E S. 19 B.T.
	A mahogany tree 5 ins. diam. bears S 60° 30' E 12
	lks. dist. marked T. 11 N R 3 E S 29 B.T.
	No other trees within limits. Raised a mound of
	stones 2 ft. base 1 1/2 ft. high W. of cor. — Pits
	impracticable. —
	This cor. stands on top of cliffs and 800 ft. above creek
	Land mountainous
	Soil gravelly and rocky 3rd and 4th rate

Subdivision of T. 11 N. 13 E.

Chains	
	Timber pine, aspen maple and birch, of small size mostly.
	Mountainous land 80.00 chs. —
	June 29: at this cor. I set off 23°15' N. on the deck arc and at 12h 3m p.m., 7 m.t. observe the sun on the meridian: the resulting lat. is 41°40' N.
	East on a random line bet. secs. 20 and 29
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. and S. line 14 lks. S. of cor. of secs. 20-21 28 and 29
	Thence I run
	S 89°54' W. on a true line bet. secs. 20 and 29
	Over mountainous land
	Descending abruptly on broken slope, in timber
25.90	Left Hand Fork or Saddle creek 25 lks. wide in bottom of narrow Canon, swift current pure water course S.W. 500 ft. below cor.
27.40	Canon road runs parallel with canon
28.00	Begin abrupt ascent
32.00	Top of spur runs S. 15° W. 90 ft. high —
	Descend
38.20	Stream 3 lks. wide in bottom of gulch 175 ft. deep course S.
	Begin abrupt ascent
40.00	Set a limestone 17 x 8 x 5 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face: raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable. —
	An old herders cabin bears S. 18°10' E. 11.50 chs dist and a coral bears S. 12°0' W. 13.00 chs dist.
	Thence ascending on S.E. slope to
76.00	S. end of ridge running N. and S. 700 ft. above gulch
	Descend gradually to
80.00	The cor. of secs. 19-20-29 and 30
	Land mountainous
	Soil gravelly and rocky 4th rate
	Timber: a few pine and cedar scattering
	Mountainous land 80.00 chs. —
	By reason of former closing on W. bdy of Tp. I run

Subdivision of T. 11 N. R. 3 E.

chains	West bet. secs. 19 and 30 on true line
	Over mountainous land
	Descending, in scattering timber
7,20	Bottom of draw 90 ft. deep course S. 30° E. —
	Ascend on broken slope
32,00	Top of ridge course N and S: breaking S to Canon: 200 ft above draw — Descend
40,00	Set a limestone 18×9×6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face: raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable —
105.06	Intersect W. bdy. of Tp. 3,40 chs. S of cor. of secs. 19–24 25 and 30 as heretofore described and from which I remove all markings relating to secs. 19 and 30 set a limestone 24×7×6 ins 18 ins. in the ground for closing cor. of secs. 19 and 30 marked C.C. on E with 2 groves on S. and 4 groves on N. faces: raised a mound of stones 2 ft. base 1½ ft. high E. of cor. Pits impracticable
	This cor. stands 650 ft below ridge
	Land mountainous
	Soil gravelly and rocky 4th rate
	Timber, cedar and mahogany scattering
	Mountainous land 105.06 chs. —
	June 29, 1901
	June 30: at 7h 10m a.m., 7m 7 I set off 41° 40' N. on the lat. arc 23°13'30" N. on the decl. arc and determine a true meridian with the solar at the cor. of secs. 19–20–29 and 30
	Thence I run
	N. 0° 4' W. bet. secs. 19 and 20
	Over mountainous land
	Ascending to
0.70	Top of canon bears N. 75° E. and S. 75° W.
	Thence on gradual ascent on S.W. slope to
12,00	Top of ridge bears N. 10° W. and S. 20° E. 100 ft. above cor.
	Enter timber and descend
39,70	Head of hollow 200 ft. deep course E. — ascend
40,00	Set a limestone 16×8×8 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face

Subdivision of T 11 N R 3 E

Chains	
	raised a mound of stones 2 ft. base. 1½ ft. high W. of cor.- Pits impracticable
44.00	Top of Spur runs S. 70° E 80 ft high.- Descend
49.10	Head of hollow 90 ft. deep. drains S. 70° E. Ascending W-
55.00	Top of spur 100 ft. high runs S 70° E Thence over rolling E. slope
80.00	Set a limestone 18 x 8 x 7 ins. 12 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; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land mountainous Soil gravelly and rocky 4th rate Timber aspen of small size and a few pine scattering.- Dense undergrowth- Mountainous land 80.00 chs-
	N 89° 3' 4" E on a random line bet. secs. 17 and 20
40.00	Set temp. 1/4 sec cor.
79.90	Intersect N. and S. line 15 lks N. of cor. of secs. 16-17-20 and 21 Thence I run West on a true line bet. secs. 17 and 20 Over mountainous land Descending
5.06	Bottom of hollow and dry wash course N 15° W. 60 ft. below cor. Ascending
10.00	Enter pine timber course N. and S. and precipitous breaks. facing N.
16.50	Top of Spur running N. 175 ft. high.- Descend
36.20	Stream 3 lks wide in bottom of gulch 300 ft. below spur. course, from E runs S. Leave timber course N. and S.- ascend abruptly
40.00	Set a limestone 17 x 8 x 7 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable
69.65	Top of slope and spur running S. 30° E. 700 ft. above stream.- Descend

Subdivision of T.11N R3E

chains	
75,80	Bottom of ravine 70 ft. deep course S 20° E. – Ascending
79,90	The cor. of secs. 17-18-19 and 20
	This cor. stands 80 ft. above ravine on S.E. slope
	Land mountainous
	Soil gravelly and rocky 4th rate
	Timber pine of young growth mainly, and scattering pine and cedar on W ½ mile
	Mountainous land 79,90 chs. –
	June 30: at this cor. I set off 23° 12' N. on the decl arc and at 12h 3m p m, 7 m 7 – observe the sun on the meridian: the resulting lat is 41° 41' N. –
	By reason of former closings on W. bdy. I run West bet. secs. 18 and 19 on true line
	Over mountainous land
	Ascending
5,55	Top of ridge bears N. and S. 50 ft. above cor.
	Descend
11,00	Bottom of hollow drains N. 20° E 80 ft. below ridge
	Ascend
33,00	Top of ridge bears N. 25° W. and S. 260 ft. high
	Begin descent on rolling slope
40,00	Set a limestone 17×9×6 ins. 11 ins. in the ground for ¼ sec. cor. marked ¼ on N. face: raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable
51,50	Bottom of gulch 150 ft. below ridge course N. 20° W
	Begin ascent
	Enter timber course parallel with gulch
58,00	Top of ridge bears N 20° W and S. 20° E. 135 ft. above gulch. – Descending. – Leave timber, bears N. and S.
94,10	Stream 5 lks wide in bottom of narrow gulch course S 10° W. 600 ft. below ridge
	Ascend abruptly to
105,00	Intersect W. bdy. of Tp. 3,51 chs S. of cor. of secs. 13-18-19 and 24 as heretofore described, and from which I remove markings relating to secs. 18 and 19
	Set a limestone 17×9×5 ins. 11 ins in the

chains	ground for closing cor. of secs. 18 and 19 marked C.C. on E. with: 3 grooves on S. and N. faces; raised a mound of stones 2 ft. base 1½ ft. high E. of cor.
	Pits impracticable
	Thin cor. stands 100 ft. above stream
	Land mountainous
	Soil gravelly 3rd rate
	Timber, aspen of small size mainly and a few scattering pine trees of large size—
	Mountainous land 105.00 chs. —
	N. 0° 4' W. bet. secs. 17 and 18
	Over mountainous land
	Ascending
14.75	Top of ridge 125 ft. above cor. course N. 30° E and S 20° W. —
	Begin steep descent
30.20	Bottom of gulch 250 ft deep course E.
	Ascend
40.00	Set a limestone 18 x 9 x 6 in. 12 in. in the ground for 1/4 sec cor. marked 1/4 on W. face: raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
67.00	Top of spur running E. 330 ft above gulch. —
	Descend
73.50	Bottom of gulch 180 ft. deep course E. ascend
80.00	Set a limestone 18 x 7 x 6 in. 12 in. in the ground for cor of secs. 7-8-17 and 18 marked with: 4 notches on S. and 5 notches on E edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. —
	Pits impracticable
	Thin cor. stands 120 ft. above gulch
	Land mountainous
	Soil gravelly 3rd rate
	Timber aspen of small size and a few pine, scattering
	Mountainous land 80.00 chs
	East on a random line bet. secs. 8 and 17
40.00	Set limb 1/4 sec. cor.
79.96	Intersect N. and S. line 12 lks. N. of cor. of secs. 8-9-16

Subdivision of T 11 N R 3 E

chains	and 17
	Thence I run
	N. 89° 55' W on a true line bet. secs. 8 and 17
	Over mountainous land
	Ascending abruptly
14.65	Top of ridge bears N. and S. 320 ft. above cor.
	Descend
29.25	Bottom of gulch and dry wash course S. 300 ft. below ridge — ascend on rolling slope
39.98	Set a limestone 18×10×4 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face: raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable. —
	This cor. stands on top of spur running S. 65° E. 180 ft. above gulch. —
	Thence on rolling S.E. slope
79.96	The cor. of secs. 7-8-17 and 18
	This cor. stands 370 ft. above the 1/4 sec. cor.
	Land mountainous
	Soil gravelly and rocky 3rd rate
	No timber. — Aspen brake and brush in patches
	Mountainous land 79.96 chs.
	June 30, 1901
	July: Lat 7h 12m a.m. T.m.T. — I set off 41° 42' N on the lat. arc . 23° 10' N. on the decl. arc and determine a true meridian with the solar at the cor. of secs. 7-8-17 and 18 thence by reason of former closings on W. bdy. of Tp.
	I run
	West bet. secs. 7 and 18 on true line
	Over mountainous land
	Ascending on S.E. slope in aspen brake and brush
18.50	A small spring bears S. 3 chs. drains S.E.
27.40	Top of ridge bears N. and S. 225 ft. above cor.
	Descend
40.00	Set a limestone 16×9×7 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face: raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable. —
76.00	Stream 5 lks. wide in bottom of narrow gulch

Chains	600 ft. below ridge, course S. ascend
104,80	Intersect W. bdy. of Tp. 3.40 chs. S of cor. of secs. 7-12-13 and 18 as heretofore described and from which I remove all markings relating to secs. 7 and 18 Set a limestone 17x10x5 ins. 11 ins. in the ground for closing cor. of secs. 7 and 18 marked C.C. cor E. with 4 grooves on S and 2 grooves on N. faces raised a mound of stones 2 ft. base 1½ ft. high E. of cor. — Pits impracticable
	This cor. stands 300 ft. above gulch
	Land mountainous
	Soil gravelly 3rd rate
	Timber aspen of small size and a few pine scattering — dense brake and brush
	Mountainous land 104.80 chs. —
	N. 0° 45' W. bet secs. 7 and 8
	Over mountainous land
	Ascending in brake and brush
17.70	Top of spur running E. 160 ft. above cor. Descend
33,40	Bottom of gulch 190 ft. deep drains E. — ascend
40,00	Set a limestone 18x8x6 ins 12 ins. in the ground for ¼ sec. cor. marked ¼ on W. face raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
50,00	Top of spur runs S. 75° E. 200 ft. high — Descend
62,10	Bottom of ravine 130 ft. deep course E. —
	Ascending gradually to
80,00	Set a sandstone 18x9x8 ins. 12 ins. in the ground for cor. of secs 6-6-7 and 8 marked with 5 notches on S. and E. edges, from which
	An aspen tree 4 ins. diam. bears S. 32° 0' W. 11 lks. dist. marked T. 11 N. R 3 E. 7 B.T.
	An aspen tree 4 ins diam. bears S 31° 45' E 16 lks. dist. marked T. 11 N. R 3 E. S. 8 B.T.
	An aspen tree 4 ins. diam bears N 28° 40' W. 6 lks. dist. marked T 11 N. R 3 E S. 6 B.T.
	An aspen tree 4 ins. diam. bears N. 54° 2' E. 25 lks dist. marked T 11 N R 3 E. S. 5. B.T.
	Land mountainous
	Soil gravelly 3rd rate

Subdivision of T. 11 N. R. 3 E.

Chains	
	Timber aspen of small size and a few scattering pine
	Dense brake and brush
	Mountainous land 80.00 chs.
	July 1 at this cor. I set off 23°8' N on the decl.
	arc and at 12h 3 m. p.m., 7 m.T. observe the sun on
	the meridian the resulting lat. is 41°42'30" N
	S. 89°55' E. on a random line bet. secs. 5 and 8
40.00	Set temp 1/4 sec cor.
80.00	Intersect N. and S. line at cor. of secs. 4-5-8 and 9
	Thence I run
	N. 89°55' W. on a true line bet. secs. 5 and 8
	Over mountainous land
	Ascending in dense aspen brake and brush
34.00	Top of ridge bears N.W. and S.E. - 390 ft. above cor.
	Descend
40.00	Set a sandstone 17 x 8 x 5 ins. 11 ins. in the
	ground for 1/4 sec. cor. marked 1/4 on N.
	face; raised a mound of stones 2 ft. base
	1½ ft. high N. of cor. Pits impracticable
64.50	Bottom of gulch 300 ft. deep course S. 30° W.
	Ascending to
80.00	The cor. of secs. 5-6-7 and 8
	This cor. stands 110 ft. above gulch
	Land mountainous
	Soil gravelly 3rd rate
	Timber aspen of small size and a few
	pine scattering. — Dense brake and brush
	Mountainous land 80.00 chs.
	By reason of previous closings on W. bdy of Tp.
	I run
	West bet. secs. 6 and 7 on true line
	Over mountainous land
	Ascending in aspen timber and brake
19.00	Top of ridge bears N. and S. 200 ft. above cor.
	Descend
35.00	Enter bottom of gulch 175 ft. below ridge, course
	S. 20° W.
38.20	Dry wash course S. 20° W. — Ascend abruptly
40.00	Set a limestone 16 x 8 x 6 ins. 11 ins. in the ground for

Chains	
	1/4 sec. cor. marked 1/4 on N. face; raised a mound of stones 2 ft. base 1½ ft. high N. of cor. — Pits impracticable
47.80	Spring branch 2 lks wide flows S.E. on steep slope
63.00	Top of ridge bears N. and S. 450 ft. above gulch Descend
73.10	Stream 4 lks wide in bottom of gulch 175 ft. deep course S. — ascend
104.76	Intersect W. bdy of Tp. 3.34 lks. S of cor of secs. 1-6-7 and 12 as heretofore described and from which I remove markings relating to secs. 6 and 7 Set a sandstone 18×10×6 ins. 12 ins. in the ground for closing cor. of secs. 6 and 7 marked C.C. on E. with 5 grooves on S and 1 groove on N. faces; raised a mound of stones 2 ft. base 1½ ft high E of cor. Pits impracticable An aspen tree 6 ins diam. bears S 25° 30' E 25 lks. dist marked T 11 N R 3 E S 7 B.T. An aspen tree 6 ins. diam bears N 68° 40' E. 26 lks dist. marked T 11 N R 3 E. S 6 B.T. This cor. stands 360 ft. above gulch Land mountainous Soil gravelly 3rd rate — Timber aspen of small size and a few scattering pine. — Mountainous land 104.76 chs. — July 1 1901
	July 2: from the cor of secs. 5-6-7 and 8 I run N 0° 4' W. on a random line bet. secs. 5 and 6
40.00	Set temp. 1/4 sec cor.
91.80	Intersect N. bdy. of Tp. at cor. of secs. 5-6-31 and 32 Thence I run S. 0° 4' E on a true line bet. secs. 5 and 6 Over mountainous land Ascending gradually to —
12.00	Top of ridge bears N.E. and S.W. Descend in bend of hollow
51.80	Set a sandstone 18×9×5 ins 12 ins in the ground

Subdivision of T. 11 N. R. 3 E.

Chains	
	for 1/4 sec marked 1/4 on W. face; raised a mound of stones 2 ft. base 1½ ft. high W. of cor Pit impracticable
53.60	Bottom of gulch and dry wash course S. 60° E. 400 ft below ridge — ascend
66.70	Top of ridge runs S. 60° E and N. 60° W. 175 ft. high Descend
74.75	Bottom of gulch and dry wash 100 ft deep, course S. E. — ascending to
78.60	Top of gulch; thence on E. slope
91.80	The cor. of secs. 5 - 6 - 7 and 8
	Land mountainous
	Soil gravelly 3rd rate
	Timber ashen of small size, and a few pine scattering. —
	Mountainous land 91.80 chs. —

July 2. I return to the meridian established June 14 by observation on Polaris as fully described at beginning of field notes of survey of W. bdy. of T. 10 N. R. 3 E. Book A of this survey reference to which is hereby made. - At 9h 58m a. m. I set off 41° 36' 30" N. on the lat. arc 23° 04' N. on the decl. arc and test the adjustment of my solar, finding it given the same meridian as before. —

At 2h 0m p. m. I set off 41° 36' 30" N. on the lat. arc 23° 03' N. on the decl arc and test the adjustments of the solar finding the meridian indicated, to agree with the true Polaris meridian within 1' of arc and conclude the adjustments are satisfactory. —

July 2. 1901

General Description

This township is all mountainous land very rough and broken. The soil is mostly fertile producing native grasses excellent for summer pasture but no part of the township is fit for cultivation nor owing to the deep snow, for permanent settlement. —

Field Notes T. 1 N. R. 2 E.

There are a few isolated patches of good pine timber but nearly the entire area is covered with dense undergrowth of aspen, willow, maple and thorn. There are no quarries nor mines within the township; nor is there any permanent settlement nor improvements of value.

The township is well watered by several streams following deep narrow rocky canons mostly, and some springs.

Andrew P. Hannon
U.S. Deputy Surveyor

South boundary of Tp 11 N. R 3 E — Retracement

Chains	Survey commenced July 2. 1901 and executed with a Gurley light mountain transit with solar attachment: for description of which and also list of solar apparatus see field notes of subdivision of this township. —
	The boundary of sec 35 not closing within the limit of error it becomes necessary to retrace S. bdy. to locate error. Therefore.
	From the cor. of secs. 1-2-35 and 36 as heretofore described I run
	West on a blank retracement line bet. secs. 2 and 35
40.40	The 1/4 sec. cor. bears S. 1 lk. dist being a stone firmly set and properly marked and witnessed as described by the surveyor general. —
80.76	Intersect the cor. of secs. 2-3 as heretofore described:- The course of this line is therefore West.
	The closings of secs. 34 being unsatisfactory I run
	West on a blank retracement line bet. secs. 3 and 34
40.20	Intersect the 1/4 sec. cor. which is a stone firmly set marked and witnessed as described by the surveyor general. —
80.42	The cor. of secs. 3 and 4 as heretofore described The course of this line is therefore West
	July 2. 1901
	For general description see notes of subdivision of this Tp.
	Andrew P Swanson
	U S Depty Surveyor

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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 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 Surveyo
solemnly swear that, in pursuance of a contract received from ....., bearing date o
United States Surveyor General for ....., 189 , I have well, faithfully, and truly, in my
..... 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
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 wil
the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Forfeited affidavit see book G. [illegible]

.....
United States Deputy S

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, August 27 190

The foregoing field notes of the survey of the Subdivisions of Town
11 North Range 3 East of the Salt Lake Bad and
Meridian, Utah

executed by Andrew P. Hanson
under his contract No. 234, dated November 30, 1899, I
critically examined, and the necessary corrections and explanations made, the said field not
surveys they describe, are hereby approved.

Edward H. Anderson
United States Survey

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

.....
United States Surve

6—151

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Filed Dec 30 1909 G.A.D.

D.

4—679.

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BOOK A-279

K.3.B.

FIELD NOTES

OF THE SURVEY OF THE

Subdivision Lines

(and Retracements)

of

Township No 10 North Range No 3 East

Of the Salt Lake Base and Meridian,

Utah

AS SURVEYED BY

Andrew P Hanson, United States Deputy Surveyor

Under his Contract No. 234, dated November 30, 189

Survey commenced July 2, 189

Survey completed July 6, 189

6—151

Subs # 15.44-62

Clos 33-69

Retracements

Subs

S Bdy

63.67 Fin

2 01 06 Cor

NAMES AND DUTIES OF ASSISTANTS.

W W Barton ---- Chainman

M B Heston --- "

W W Barton --- Mountdman

Harold Hobbs --- "

M B Heston Axman

R S Sanborn -- Axman

Harold Hobbs -- Flagman

For preliminary affidavits see book C, Tp 11 N R 3 E

6—151

Volume
#
R0279

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BOOK A-279

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 surve

_____

_____, *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 sur

_____

_____, *Moun*

_____, *Moun*

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
and other duties, according to instructions given us, to the best of our skill and ability, in the su

_____

_____,

_____,

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

SEAL

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

_____, *F*

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

SEAL

Subdivision of T. 10 N. R. 3 E.

Chains	
	Survey commenced July 2. 1901 and executed with a W & L E Gurley Eight mountain transit 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, found correct and was approved by the surveyor general for Utah April 13. 1901
	Examination of adjustments of the instrument and complete test of solar apparatus having been made this date and fully described at the end of field notes of subdivision lines of Tp. 11 N. R. 3 E reference to which is hereby made I consider it unnecessary to repeat said descriptions here. — See book C.
	At the 1/4 sec. cor. bet secs. 8 and 9 Tp 10 N. R. 3 E which is a stone firmly set marked and witnessed by the surveyor general at 2h 30m p.m., I unit July 2 I set off 41° 37' N. on the lat. arc 23° 3' 30" N. on the decl. arc and determine a true meridian with the solar. —
	The magnetic bearing of the true meridian at 3h p.m., I. m.t. is 18° 10' W. the angle thus determined reduced by the table page 100 gives mean mag. decl. 18° 15' E. —
	From the 1/4 sec cor. above described I run N. 0° 1' W. bet. secs. 8 and 9
	Over mountainous land
	W. slope and gradual ascent to —
12,00	Top of spur running W. — Descending on N. W. slope —
3.13	Bottom of North Cottonwood gulch 150 ft. deep. comm S. or. —
	Wood road runs parallel with gulch
	Begin abrupt ascent

Subdivision of T. 10 N. R. 3 E.

Chains	
40,00	Set a limestone 18×8×6 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; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable Thin cor. stands 340 ft. above gulch Land mountainous Soil gravely and rocky 3rd rate Timber a few mountain mahogany and cedar scattering. — Manzanita and wild cherry brush Mountainous land 40,00 chs. —
	S. 89° 57' E. on a random line bet. secs. 4 and 9
40,00	Set limestone ¼ sec. cor.
80,12	Intersect N. and S. line 1.41 chs. S. of cor. of secs. 3-4-9 and 10 which is a stone firmly set marked and witnessed as described by the surveyor general. — Set a quartzite stone 18×10×6 ins. 12 ins. in the ground for closing cor. of secs. 4 and 9 marked C. C. on W. with 5 grooves on S. and 1 groove on N. faces.; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. — Pits impracticable O. remove all markings on original cor. pertaining to secs. 4 and 9. — Thence O rms N. 89° 57' W. on a true line bet. secs. 4 and 9 Over mountainous land Ascending abruptly to
7,00	Top of ridge bears N. and S. 130 ft. above cor. Begin descent. — in dense undergrowth —
40,06	Set a limestone 17×7×6 ins. 11 ins. in the ground for ¼ sec. cor. marked ¼ on N. face; raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable. —
59,68	Bottom of North Cottonwood gulch 500 ft. below ridge course S. 60° W.
	Wood road runs parallel to gulch. — Gulch and road branch 20 lks. above line Begin ascent on steep S. E. slope

Subdivision of T. 10 N. R. 3 E.

Chains	
80.12	The cor. of secs. 4-5-8 and 9
	This cor. stands 200 ft. above gulch.—
	Land mountainous
	Soil gravelly and rocky 3rd rate
	No timber.— Dense rank brush of maple and thorn.—
	Mountainous land 80.12 chs.—
	N 0°1' W on a random line bet. secs. 4 and 5—
40.00	Set temp 1/4 sec. cor.
83.10	Intersect N bdy. of Tp. 36 lks W. of cor. of secs. 4 and 5 as heretofore described
	Thence I run
	S 0°14' W on a true line bet. secs. 4 and 5—
	Over mountainous land.
	Ascending in head of gulch
11.00	Top of ridge dividing Blacksmith Fork and Left Hand Fork, a saddle back watersheds, course E. and W. 100 ft above cor.— Descend, rolling slope
29.02	Bottom of left hand fork of North Cottonwood gulch course S.E. 120 ft. below ridge
	Wood road runs parallel with gulch.— Ascend
	Enter timber course N.W. and S.E.
43.10	Set a limestone 16 x 9 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
47.00	Top of ridge bears E and W. 130 ft. above gulch
	Begin abrupt descent
78.00	Perpendicular cliff 30 ft. deep course E and W.
83.10	The cor. of secs. 4-5-8 and 9
	This cor. stands 300 ft. below top of ridge
	Land mountainous
	Soil gravelly and rocky 3rd rate
	Timber mountain mahogany and cedar and a few scattering pine.—
	Mountainous land 83.10 chs.—
	July 2, 1901
	July 3, at 7h 10m a.m., I set off 41°34'

Subdivisions of T 10 N R 3 E

N. on the lat. arc 23° 1'. N. on the decl arc and determine a true meridian with the polar at the 1/4 sec. cor. bet. secs. 30 and 31 which is a stone firmly set marked and witnessed as described by the surveyor general. —
Thence I run
West on a random line bet. secs. 30 and 31
63,78 Intersect W. bdy of Tp. 6. 60 chs. S. of the cor. of secs. 25-30-31 and 36 which is a stone firmly set marked and witnessed as described by the surveyor general. —
Set a limestone 16 x 9 x 5 ins. 11 ins in the ground for closing cor. of secs. 30 and 31. marked C. C. on E. with - 1 groove on S and 5 grooves on N. faces; raised a mound of stones 2 ft. base 1½ ft. high E. of cor.
Pits impracticable. —
I remove all markings from original cor. pertaining to secs. 30 and 31.
Thence I run
East on a true line bet. secs. 30 and 31.
Over mountainous land
Descending, in timber
15,50 Bottom of gulch 130 ft. below cor. course N.
Ascend
87,00 Top of ridge bears N. and S. 300 ft. above gulch
Descend on rolling slope
63,78 The 1/4 sec. cor. bet. secs. 30 and 31
This cor. stands 260 ft. below top of ridge
Land mountainous

Soil gravelly and rocky 3rd rate
Timber pine and aspen thin growth
Mountainous land 63.78 chs. —

From the cor. of secs. 29-30-31 and 32 which is a stone firmly set marked and witnessed as described by the surveyor general I run
N. 0° 1' W. bet. secs. 29 and 30.
Over mountainous land
Ascending, in timber and brush
7,00 Top of ridge bears N.E. and S.W. 80 ft. above cor. —

Subdivision of T. 10 N. R. 3 E.

chains	Begin descent on N.W. slope
28.75	Bottom of ravine 60 ft. deep course N 60° W.
40.00	Set a limestone 16 x 10 x 5 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
56.50	Dry wash and bottom of gulch 400 ft. below ridge. course N. 20° E.
	Begin gradual ascent on S.E. slope
80.00	Set a limestone 18 x 9 x 5 ins 12 ins. in the ground for cor. of secs. 19-20-29 and 30 marked with 2 notches on S. and 3 notches on E edges raised a mound of stones 2 ft. base 1½ ft. high W. of cor. - Pits impracticable
	This cor. stands 160 ft. above creek -
	Land mountainous.
	Soil gravelly 3rd rate
	Timber pine. scattering
	Mountainous land 80.00 chs. -

	N. 89° 54' E on a random line bet. secs. 20 and 29
40.00	Set temp. 1/4 sec. cor.
79.52	Intersect N. and S. line 20 chs N. of cor. of secs. 20-21-28 and 29 which is a stone firmly set marked and witnessed as described by the surveyor general.
	Thence S. run
	N. 89° 57' W on a true line bet. secs 20 and 29
	Over mountainous land
	Ascending
19.70	Top of ridge bears N. and S. 275 ft. above cor.
	Descend
39.76	Set a quartzite stone 18 x 10 x 10 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable
66.12	Dry wash and bottom of gulch 420 ft. below ridge, course N 20° E. =
	Ascending broken slope
79.52	The cor. of secs. 19-20-29 and 30
	This cor. stands 175 ft. above wash

Chains	
	Land mountainous Soil gravelly 3rd rate No timber. — Aspen brake and brush scattering Mountainous land 79.52 chs. — July 3: The sky being cloudy during the noon hour I was unable to observe the sun on the meridian.
	By reason of closing on W. bdy. of line bet. secs 30 and 31 I came West bet. secs. 19 and 30 on true lines Over mountainous land Ascending on broken slope
3.50	Enter scattering timber and dense brush course N. and S.
40.00	Set a limestone 18×9×6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable.
52.00	Top of ridge bears N. and S. 300 ft. above sec. cor. Begin descent on broken slope
98.15	Bottom of gulch 560 ft below ridge, course N. 15° W Ascend to
103.50	Intersect W. bdy. of Tp. 6.42 chs S. of cor of secs. 19-24-25 and 30 which is a stone firmly set marked and witnessed as described by the surveyor general. — Set a limestone 18×7×6 ins. 12 ins. in the ground for closing cor. of secs. 19 and 30 marked C. C. on E. with 2 grooves on S. and 4 grooves on N. faces raised a mound of stones 2 ft. base 1½ ft. high E. of cor. — Pits impracticable This cor. stands 60 ft. above gulch Land mountainous Soil gravelly and rocky 3rd rate — Timber pine and cedar scattering Mountainous land 103.50 chs. —
	N. 0° 1' W. bet. secs. 19 and 20 Over mountainous land Ascending gradually

Subdivision of T. 10 N. R. 3 E.

Chains	
20.00	Top of ridge bears N. 30° E. and S. 30° W. 140 ft. above cor. Begin descent
32.40	Bottom of gulch drains N. 30° E. 130 ft. below ridge. Thence on gradual ascent on S.E. slope
40.00	Set a limestone 17×9×6 ins. 11 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face: raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
60.20	Top of spur runs E. 175 ft. above gulch.— Descend
71.75	Bottom of ravine runs E. 100 ft. deep.— ascend
77.00	Top of spur runs S.E. 90 ft. above ravine. Aneroid Elev. 7050 ft. Begin descent on steep E. slope
78.84	Lone pine 12 ins diam. on line marked 2 notches on N & S sides
80.00	Set a limestone 18×8×5 ins. 12 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: raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable.— Land mountainous Soil gravelly 3rd rate No timber.— Dense maple and aspen brush Mountainous land 80.00 chs.— July 3. 1901
	July 4: at 7h 5m a.m. ? m ? I set off 41° 35' 37" N. on the lat. arc 22° 56' 30" N. on the decl. arc and determine a true meridian with the solar at the cor. of secs. 17-18-19 and 20 thence I run S. 89° 57' E. on a random line bet. secs. 17 and 20
39.90	The 1/4 sec. cor. bet. secs. 17 and 20 which is a stone firmly set marked and witnessed as described by the surveyor general bears N. 20 lks. dist.— Thence I run S. 89° 46' W. on a true line bet. secs. 17 and 20 Over mountainous land Descending abruptly to
20.80	Bottom of gulch and dry wash course N 10° W. 300 ft. below cor.— Ascend

Chains	
25,00	Top of spur runs N. 12° ft. high. – descend
28,50	Bottom of gulch course N. 10° E. 70 ft. deep. – ascend abruptly on rocky slope to –
– 39,90	The cor. of secs. 17–18–19 and 20
	This cor. stands 320 ft. above gulch
	Land mountainous
	Soil gravelly and rocky 3rd and 4th rate
	Timber, scattering cottonwood and cedar
	Mountainous land 39,90 chs. —
	Owing to former closings on W. bdy. I run
	West bet. secs. 18 and 19 on true line
	Over mountainous land
	Ascending abruptly in dense brush
1,75	Top of slope, and ledge course N 15° W and S. 13° E. 100 ft. above cor.
	Begin gradual ascent on broken slope
	Enter timber parallel with ledge
2,00	Ascent becomes steeper course N. and S.
4,00	Set a limestone 17 x 8 x 6 in. 11 in. in the ground for 1/4 sec. cor. marked 1/4 on N. face: raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable
49,50	Top of ridge bears N. and S 700 ft. above sec. cor.
	Descend broken slope
88,10	Bottom of gulch and dry wash course N. 10° E. 600 ft. below ridge
	Ascending on broken slope to
– 103,90	Intersect W. bdy. of Tp. 6.30 chs. S. of cor. of secs. 13–18–19 and 24 which is a stone formly set marked and witnessed as described by the surveyor general, and from which I remove markings of secs. 18 and 19
	Set a limestone 18 x 7 x 5 in. 12 in. in the ground for closing cor. of secs. 18 and 19 marked c. c. on E with 3 grooves on S and N. faces: raised a mound of stones 2 ft. base 1½ ft. high E. of cor. Pits impracticable
	This cor. stands 200 ft. above gulch. —
	Land Mountainous
	Soil gravelly and rocky 3rd and 4th rate

Subdivision of T. 10 N. R. 3 E.

Chains	
	Timber, pine, cedar and mountain mahogany scattering on N. slopes — thin growth on S. slope Dense maple and aspen brush Mountainous land 103.90 chs — July 4: at this cor. I set off 22° 54' N. on the decl. arc and at 12h 4m p m, ? m ? observe the sun on the meridian the resulting lat. is 41° 35' 37" N. —
	N 0° 1' W. on a random line bet. secs. 17 and 18
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect E. and W. line 46 lks. W. of cor. of secs. 7-8-17 and 18 which is a stone firmly set marked and witnessed as described by the surveyor general. — Thence I run S 0° 19' W. on a true line bet. secs. 17 and 18 Over mountainous land Ascending on steep rocky E. slope
36.00	Ravine 90 ft. deep drains E.
40.00	Set a limestone 17 x 7 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
80.00	The cor. of secs. 17-18-19 and 20 This cor. stands 1100 ft. above cor. of secs. 7-8-17 and 18 Land mountainous — abrupt E. slope Soil gravelly and rocky 4th rate No timber. — Dense undergrowth — Mountainous land 80.00 chs. —
	From the cor. of secs. 7-8-17 and 18 as heretofore described I run, owing to former closings on W. bdy. — West bet. secs. 7 and 18 on true line Over mountainous land Ascending, broken slope
6.00	Enter scattering timber course N. and S.
36.25	Top of spur runs N. 450 ft. above cor. — Descend

Subdivision of T 10 N R 3 E.

Chains	
40.00	Set a limestone 16×10×6 ins. 11 ins. in the ground for 1/4 sec cor. marked 1/4 on N. face from which a pine tree 9 ins. diam. bears N. 43°50' E. 13 lks. dist. marked 1/4 S. 7 B.T.
	A pine tree 7 ins. diam. bears S 83°55' W. 17 lks. dist. marked 1/4 S. 18 B.T.
44.50	Descent becomes abrupt and rocky
67.00	Dry wash and drag road in bottom of narrow gulch 700 ft. below top of spur course N.
	Begin abrupt ascent.
104.12	Intersect W. bdy. of Tp. 6.50 chs. S of cor. of secs. 7-12-13 and 18 which is a stone firmly set marked and witnessed as described by the surveyor general.—
	From said cor I remove all markings for secs. 7 and 18. and
	Set a limestone 18×9×5 ins. 12 ins. in the ground for closing cor. of secs. 7 and 18 marked C.C. on E. with 4 groves on S and 2 groves on N. faces: raised a mound of stones 2 ft. base 1½ ft. high E. of cor. Pits: impracticable
	This cor. stands 400 ft. above gulch
	Land mountainous
	Soil gravelly and rocky 3rd and 4th rate
	Timber pine and cedar scattering except last 20 chs on S. slope which is young Pine timber
	Mountainous land 104.12 chs.—
	July 4, 1901
	July 5: at 7h 14m A.M./m.t. I set off 41°37' N on the lat. arc 22°51' N. on the decl arc and determine a true meridian with the solar at the 1/4 sec. cor. bet. secs. 7 and 8 which is a stone firmly set marked and witnessed as described by the surveyor general.—
	Thence I run
	N. 0°2' W. bet. secs. 7 and 8
	Over mountainous land
	Ascending abruptly on broken S.W slope
40.00	Set a limestone 18×9×6 ins. 12 ins. in the ground for Cor. of secs. 5-6-7 and 8 marked with 5 notches

Subdivision of T 10 N R 3 E

Chain	on S. and E. edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
	This cor. stands 700 ft. above the ¼ sec. cor.
	Land mountainous
	Soil rocky and gravelly 4th rate
	No timber
	Mountainous land 4.000 chs. —
	East on a random line bet. secs. 5 and 8
40.00	Set limb. ¼ sec. cor.
80.00	Intersect N. and S. line 30 lks. N. of cor. of secs. 4-5-8 and 9.
	Thence I run
	N 89° 47' W on a true line bet. secs 5 and 8
	Over mountainous land
	Ascending gradually on steep S. slope
29.50	Top of spur runs S. 200 ft. above cor. Descend
34.45	Bottom of ravine 150 ft. deep course S.. Ascend
38.70	Top of spur running S. 125 ft. high. — Descend
40.00	Set a limestone 18×8×6 in. 12 in. in the ground for ¼ sec. cor. marked ¼ on N. face; raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable
43.00	Bottom of ravine 60 ft. deep drains S. — ascend
49.00	Top of spur runs S. 90 ft. above ravine. Descend
55.10	Bottom of ravine 80 ft. deep course S. 10° W.
	Ascending
78.80	Top of sharp spur 150 ft above ravine. — Descend
80.00	The cor. of secs. 5-6-7 and 8
	Land mountainous
	Soil rocky and gravelly 4th rate
	Timber cedar and mahogany, scrubby growth — scattering. —
	Mountainous land 80.00 chs. —
	By reason of former closings on W. bdy. of Tp. I run West bet. secs. 6 and 7 on true line
	Over mountainous land
	Descending on bottom steep S. 4th slope
2.80	Bottom of ravine 50 ft. deep drains S. — Ascend
20.00	Top of spur running S. 150 ft. above ravine. Descend

Subdivision of T. 10 N. R. 3 E.

Chains	
38.75	Bottom of hollow 200 ft below spur course S. ascend
40.00	Set a limestone 17 x 9 x 5 ins. 11 ins in the ground for 1/4 sec cor. marked 1/4 on N. face; raised a mound of stones 2 ft base 1½ ft high N. of cor. Pits impracticable
61.50	Top of spur running S. 120 ft above ravine — Descend
89.70	Bottom of gulch 300 ft. below spur, course S. Ascend.
102.25	Top of spur running S 140 ft. high. — Descend
103.78	Intersect N. bdy of Tp. 6. 46 chs. S of cor. of secs. 1-6-7 and 12, as heretofore described, and from which I remove all markings pertaining to secs 6 and 7. — Set a limestone 16 x 14 x 4 ins, 10 ins in the ground for closing cor. of secs. 6 and 7 marked C.C. on E. with 5 grooves on S and 1 groove on N. faces; raised a mound of stones 2 ft. base 1½ ft. high E. of cor. Pits impracticable Land mountainous Soil gravelly and rocky 4th rate No timber Mountainous land 103.78 chs. — July 5. The sky being cloudy during the morn hours I was unable to observe the sun on the meridian. —

N 0° 2' W. on a random line bet. secs. 5 and 6

40.00	Set temp 1/4 sec. cor.
82.90	Intersect N bdy of Tp. 14 chs W. of cor. of secs. 5 and 6 as heretofore described

Thence I run:

S. 0° 4' W. on a true line bet. secs. 6 and 6

Over mountainous land

Ascending gradually on broken W. slope

42.20	Set a limestone 17 x 8 x 6 ins. 11 ins in the ground for 1/4 sec. cor. marked 1/4 on W. faces; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
66.00	Top of ridge dividing watersheds of Blacksmith Fork and Left Hand Fork course S.E. and N.W. 200 ft. above sec cor.

Descend to

70.00	Head of hollow 60 ft. below ridge course N. 66° W.

Subdivision of T. 10 N. R. 3 E.

Chains	
	Ascending to-
76.50	Top of ridge runs E and W. 80 ft. above hollow-
	Descending abruptly to-
82.90	The cor of secs. 5-6-7 and 8
	Land mountainous
	Soil gravelly and rocky 4th rate
	Timber scrubby cedar and pine scattering
	Mountainous land 82.90 chs

July 6th: I return to the meridian established June 14 in the S.E. 1/4 of sec 8 of this Tp. and at 4 h 10 m p.m. I put off 41° 36' 30" N on the lat. arc 22° 47' N. on the decl. arc and test the adjustment of my instrument, finding it given the same meridian as before and I conclude the adjustments are still remaining satisfactory-

July 5, 1901.

Retracements in Tp. 10 N R 3 E

July 3: In order to make proper closings of sec. 31 I retrace south- bdy. of said sec as follows From the 1/4 secs. cor. bet. secs. 6 and 31 on S. bdy of Tp. which is a stone firmly set marked and witnessed as described by the surveyor general I run West on a retracement line bet. secs. 6 and 31. and at 63.67 chs intersect W bdy. of T 9 N R 3 E 6.50 chs S. of cor. of Tps 9 and 10 N R 2 and 3 E which is a stone firmly set marked and witnessed as described by the surveyor general The falling answers to a course of N 84° 10' W. and a distance of 64.00 chs. -

July 5th: From the cor. of secs 3 and 10 as heretofore described I run N. 0° 9' E on a retracement line bet. secs. 3 and 4 - at 40.00 chs the 1/4 sec cor bears W. 10 lks dist. being a stone firmly set marked and witnessed as described by the surveyor general; and at 81.45 chs the cor. of secs. 3 and 4 as heretofore described bears W. 21 lks. - The falling answers to a course of North and the distance 81.45 chs. -

Retracements in Tp. 10 N. R 3 E

From the closing cor. of secs. 4 and 9 as before described I run South - bet secs. 9 and 10
At 39.85 chs the 1/4 sec. cor. bears W. 7 lks dist. being a stone firmly set marked and witnessed as described by the surveyor general. - At 79.61 chs, the cor. of secs. 9-10-15 and 16 bears W. 14 lks dist being a stone firmly set marked and witnessed as described by the surveyor general and the course of the line is thereforeS 0° 0' W. distance 79.61 chs

July 5th. 1901

General Description

The portion of this township covered by the present survey is all mountainous land very rough and broken and no part of it is suited for cultivation. - The soil produces native grasses in abundance and good summer pasture But the snow fall very deep prohibiting permanent settlement. -

There are a few small bunches of good pine timber in secs 18 and 19. -

There are no settlers nor improvements nor any quarries nor mines. -

The claim of O A Hanson, applicant for survey of this Tp. found to be located in sec. 6 Tp. 10 N. R. 2 E. - and informed him his land had long been surveyed. -

Andrew P Hanson
U S Dep. Surveyor

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BOOK A-279

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 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

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BOOK A-279

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 proper person, and in strict conformity with the instructions furnished by the United States Surv 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 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, an 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. davit see book G. Sp. 11 M.B.

.....
United States Deputy Sur

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 August 27, 1

The foregoing field notes of the survey of the fractional subdivision line of Township 10 North Range 3 East of the Salt Lak Base & Meridian, Utah

executed by Andrew P. Hanson under his contract No. 234, dated November 30, 1899, hav 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

.....
United States Surveyor

6—151