Volume

# #

R0239

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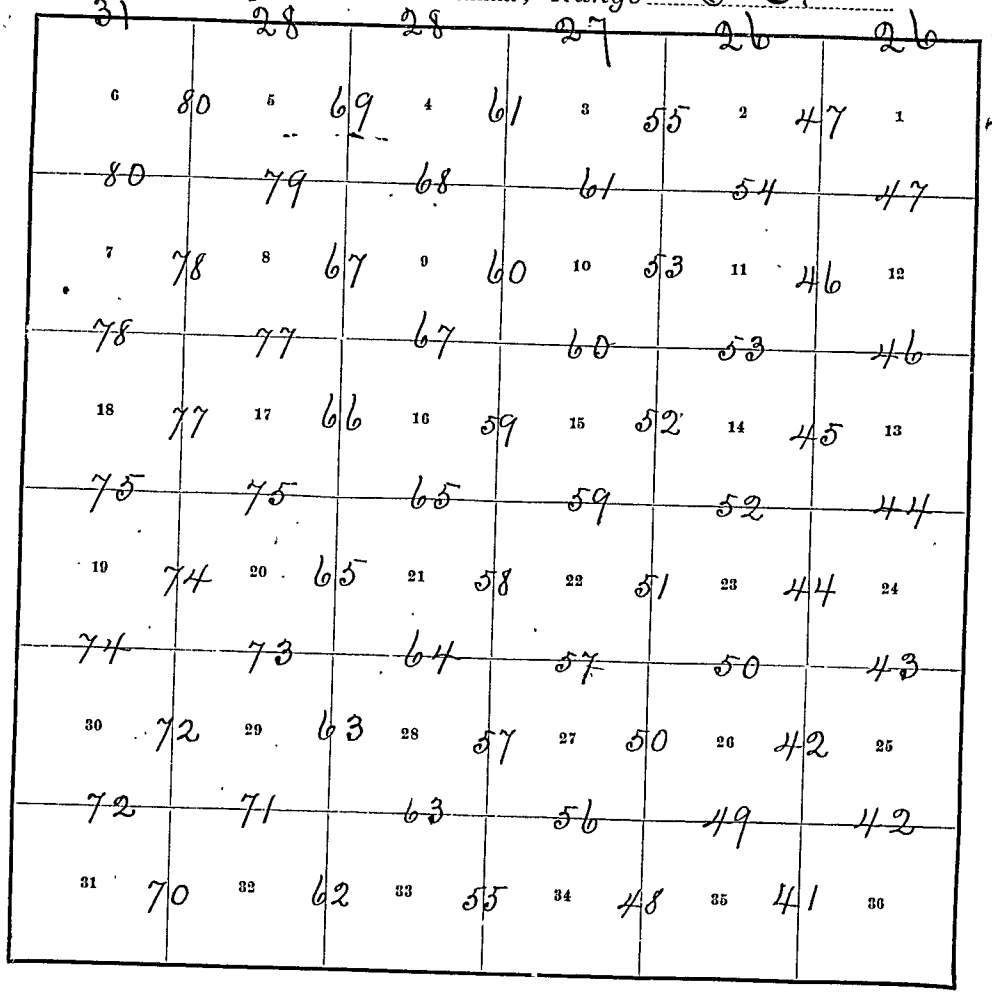
BOOK A-239

INDEX DIAGRAM.

Township 25 S, *Range* 3 E.



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 bend 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 are at 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 monumenters in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

_____

_____, Monumenter.

_____, Monumenter.

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

SEAL

We, _____ and _____

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

_____

_____, Axman.

_____, Axman.

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

SEAL

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

_____, Flagman.

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

SEAL

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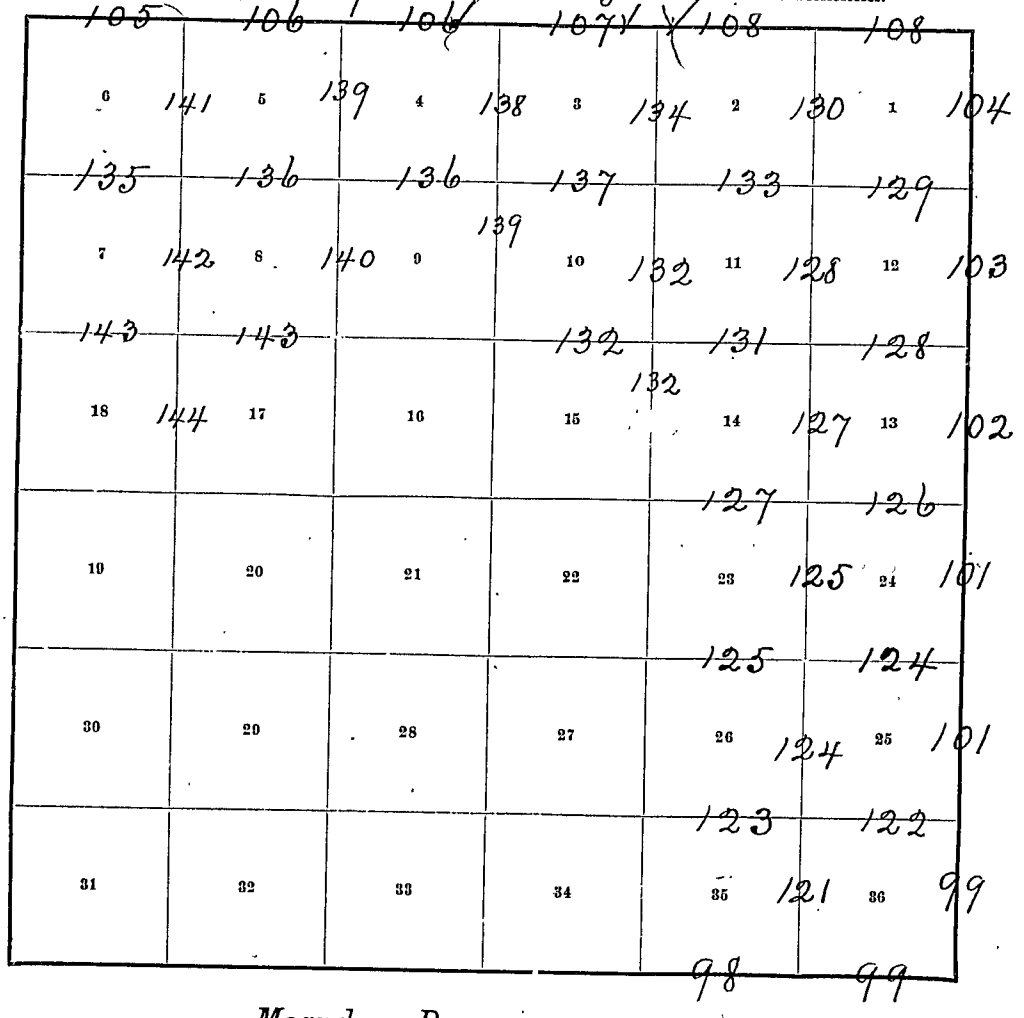
INDEX DIAGRAM.

Township 27 S, Range 3 E.



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 distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

_____

_____, *Chainman.*

_____, *Chainman.*

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

SEAL

_____

_____

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

_____

_____, *Moundman.*

_____, *Moundman.*

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

SEAL

_____

_____

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

_____

_____, *Axman.*

_____, *Axman.*

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

SEAL

_____

_____

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

_____, *Flagman.*

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

SEAL

_____

_____

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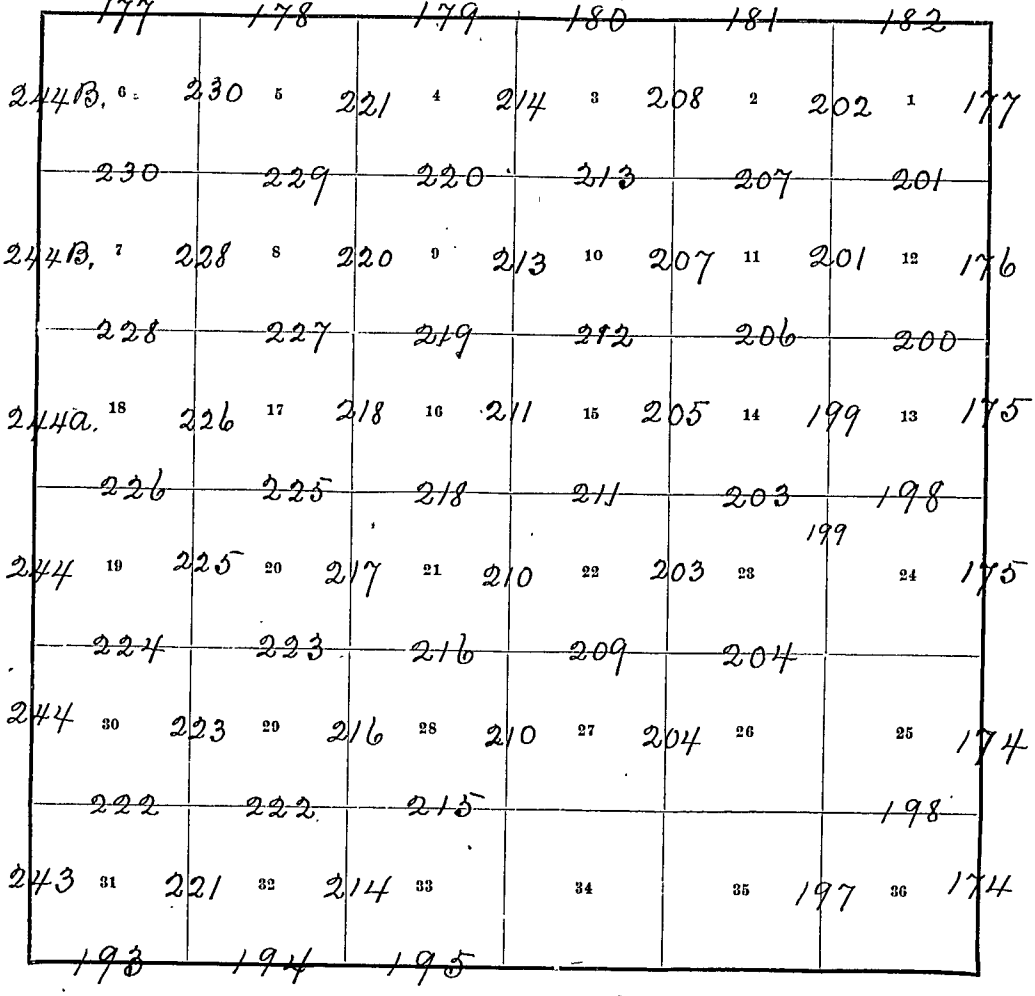
INDEX DIAGRAM.

Township 25 S, *Range* 2 E.



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 striking or dropping; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us in the survey of

_____

_____, Chainman.

_____, Chainman.

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

SEAL

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

_____

_____, Monumentman.

_____, Monumentman.

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 axemen, 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

_____

_____, Axeman.

_____, Axeman.

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

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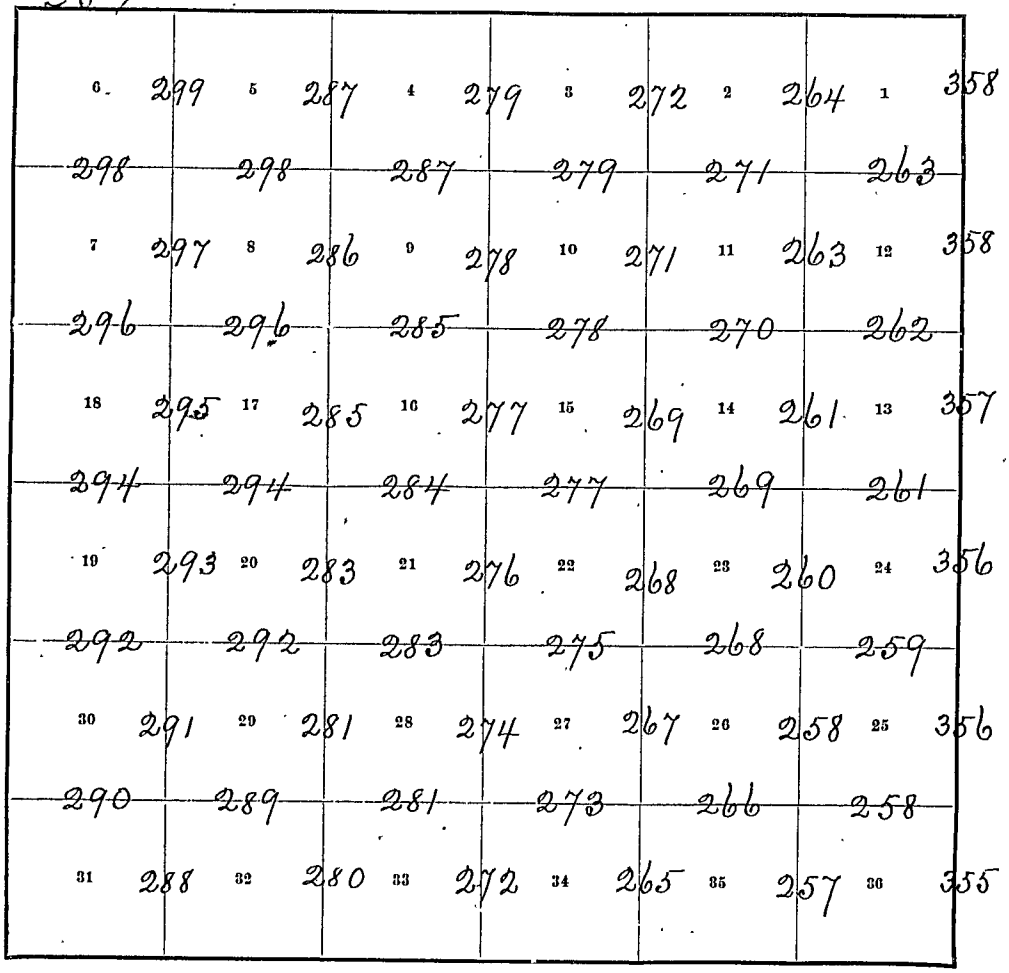

Meanders Page.....

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 distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us in the survey of _____

_____, Chainman.

_____, Chainman.

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

SEAL

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

_____, Monumentman.

_____, Monumentman.

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 axemen, 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 _____

_____, Axeman.

_____, Axeman.

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

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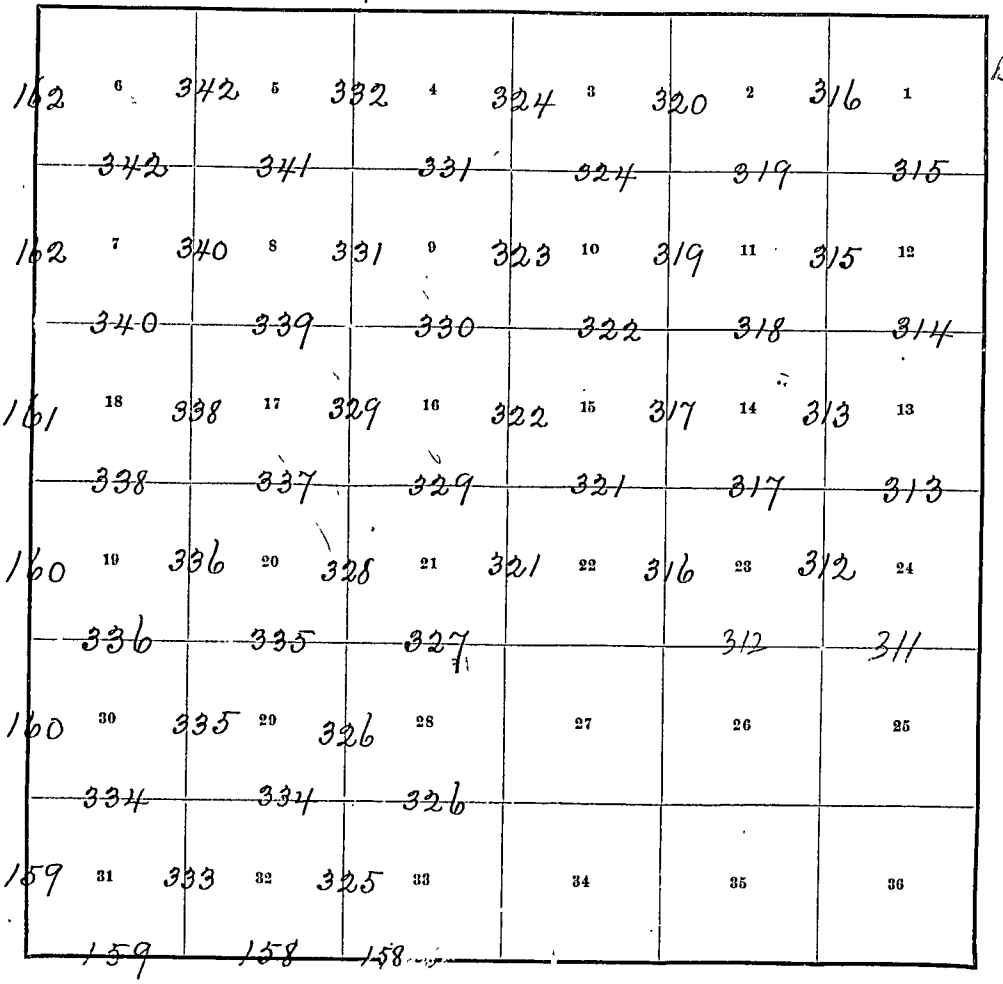

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Preliminary Oaths of Assistants.

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 distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

_____

_____, *Chainman.*

_____, *Chainman.*

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

SEAL

WE, _____ and _____

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

_____

_____, *Mounder.*

_____, *Mounder.*

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

SEAL

WE, _____ and _____

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

_____

_____, *Axman.*

_____, *Axman.*

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

SEAL

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

_____, *Flagman.*

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

SEAL

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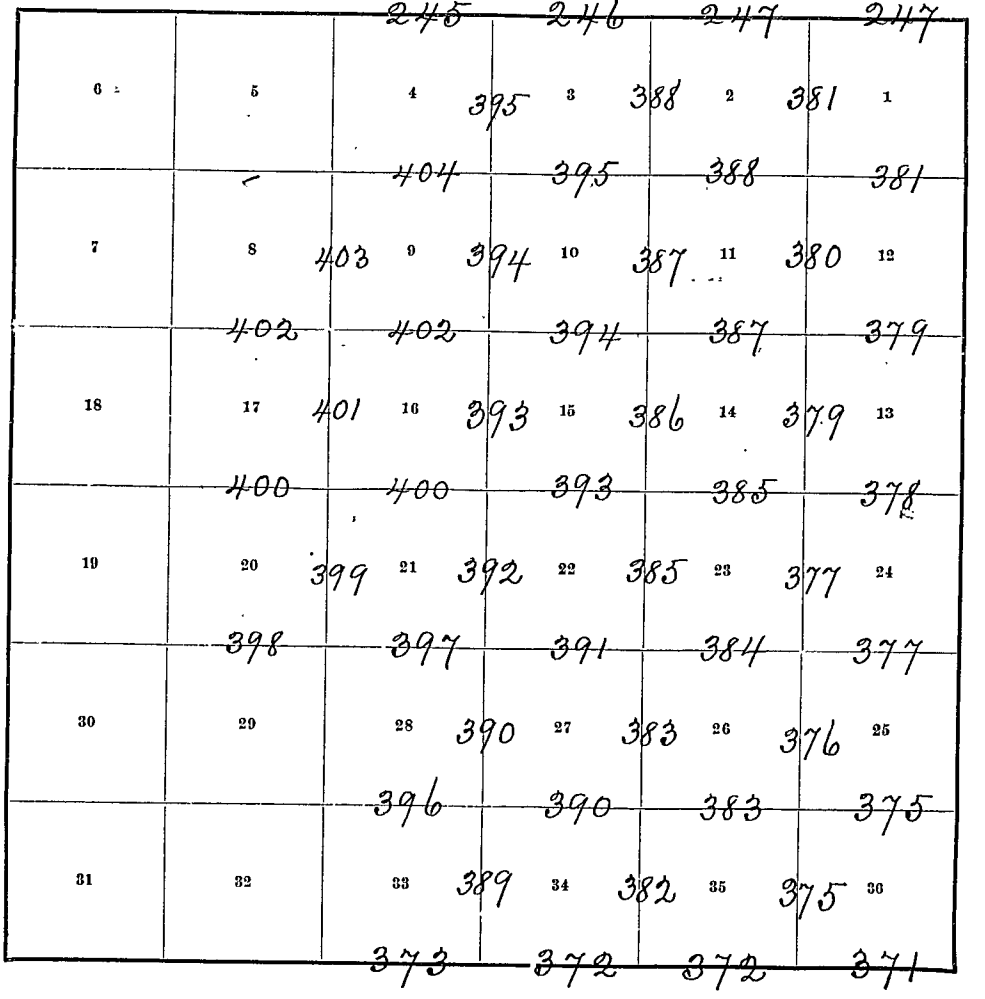
INDEX DIAGRAM.

Township 25S, *Range* 1E.



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 distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

_____

_____, *Chainman.*

_____, *Chainman.*

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

SEAL

_____

_____

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

_____

_____, *Moundman.*

_____, *Moundman.*

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

SEAL

_____

_____

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

_____

_____, *Axman.*

_____, *Axman.*

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

SEAL

_____

_____

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

_____, *Flagman.*

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

SEAL

_____

_____

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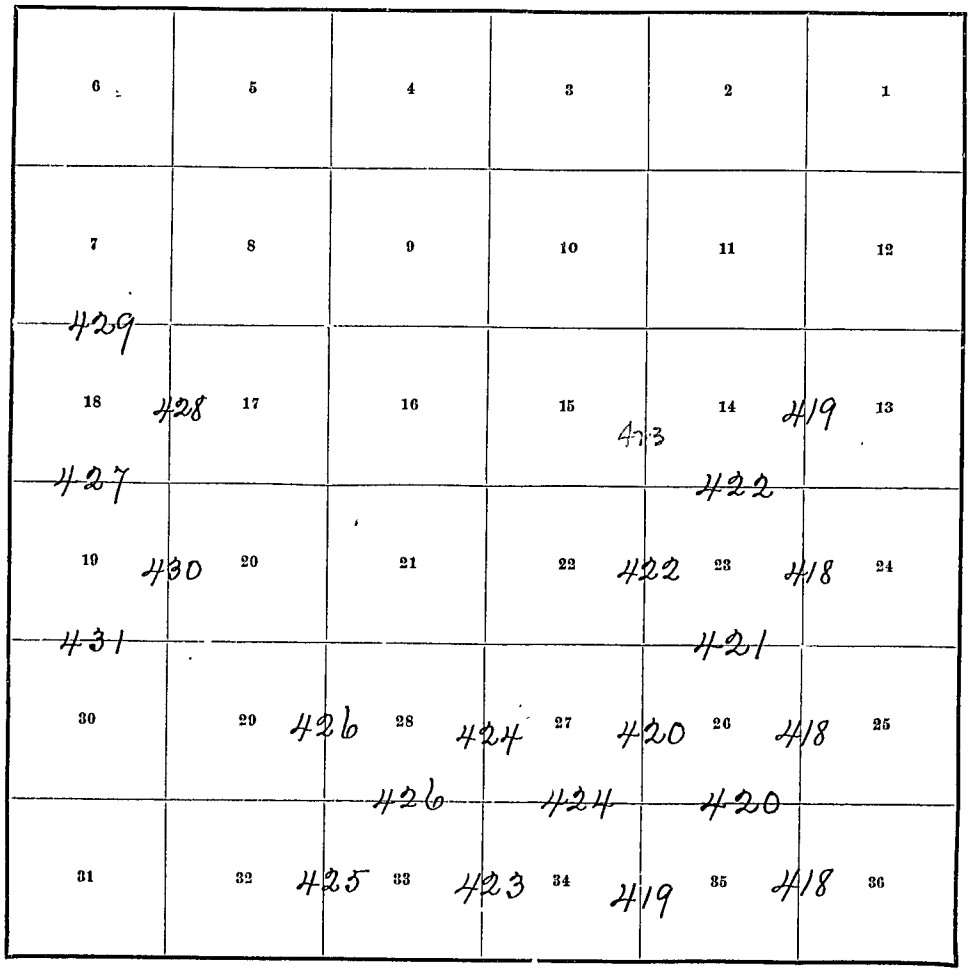
Township 25 S, *Range* 5 E.



Meanders Page.....

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_____, *Chainman.*

_____, *Chainman.*

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

SEAL

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

_____, *Moundman.*

_____, *Moundman.*

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

SEAL

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

_____, *Axman.*

_____, *Axman.*

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

SEAL

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

_____, *Flagman.*

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

SEAL

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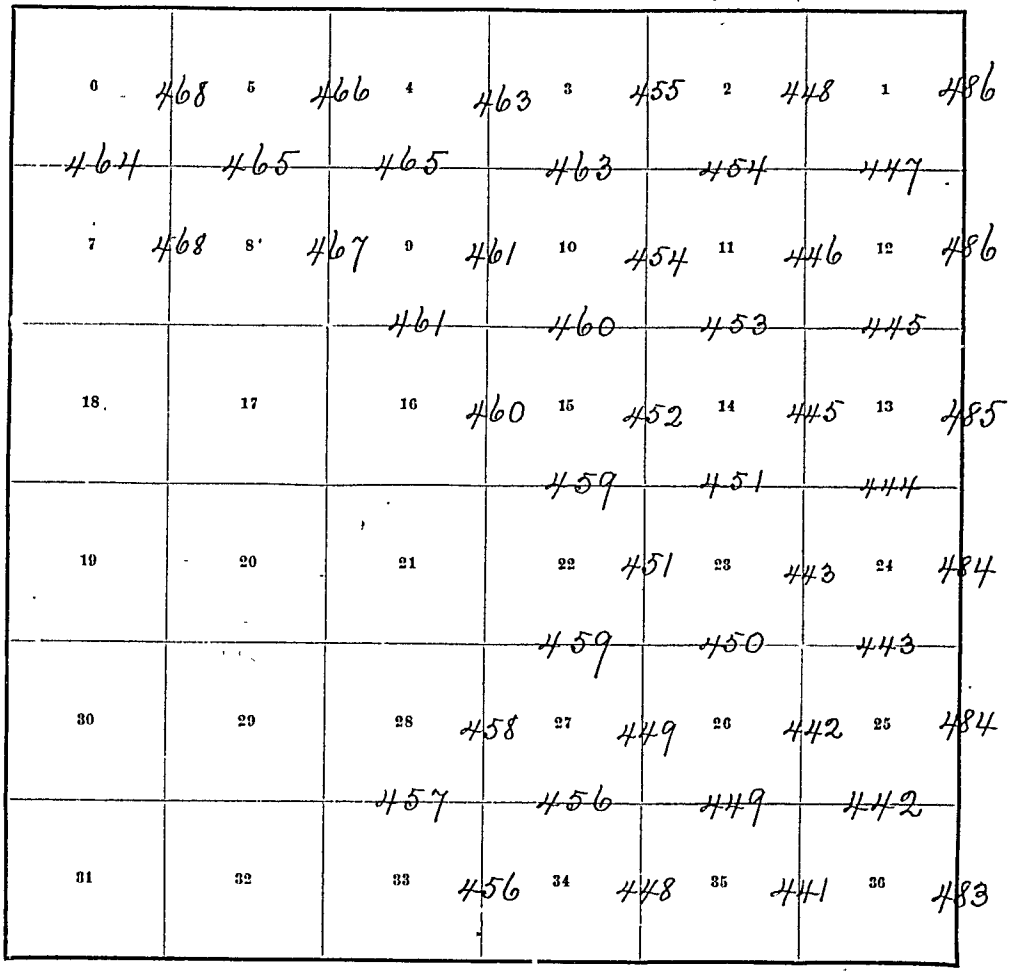
Township 24 S, *Range* 1 E.



Meanders Page.....

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_____

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

_____

_____, *Moundman.*

_____, *Moundman.*

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

SEAL

We, _____ and _____

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

_____

_____, *Axman.*

_____, *Axman.*

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

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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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SEAL

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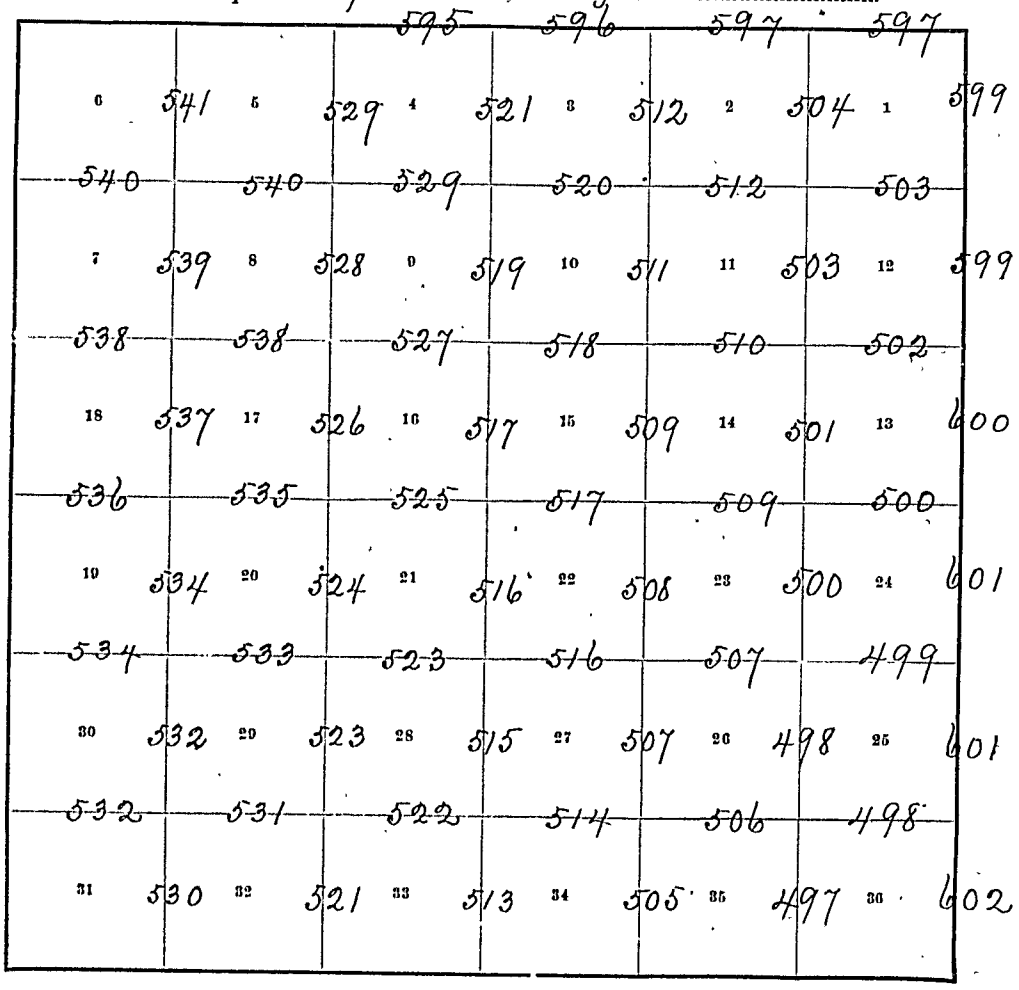
Township 24 S, *Range* 2 E.



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_____

_____, *Chainman.*

_____, *Chainman.*

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

SEAL

WE, _____ and _____

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

_____

_____, *Moundman.*

_____, *Moundman.*

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

SEAL

WE, _____ and _____

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

_____

_____, *Axman.*

_____, *Axman.*

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

SEAL

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

_____, *Flagman.*

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

SEAL

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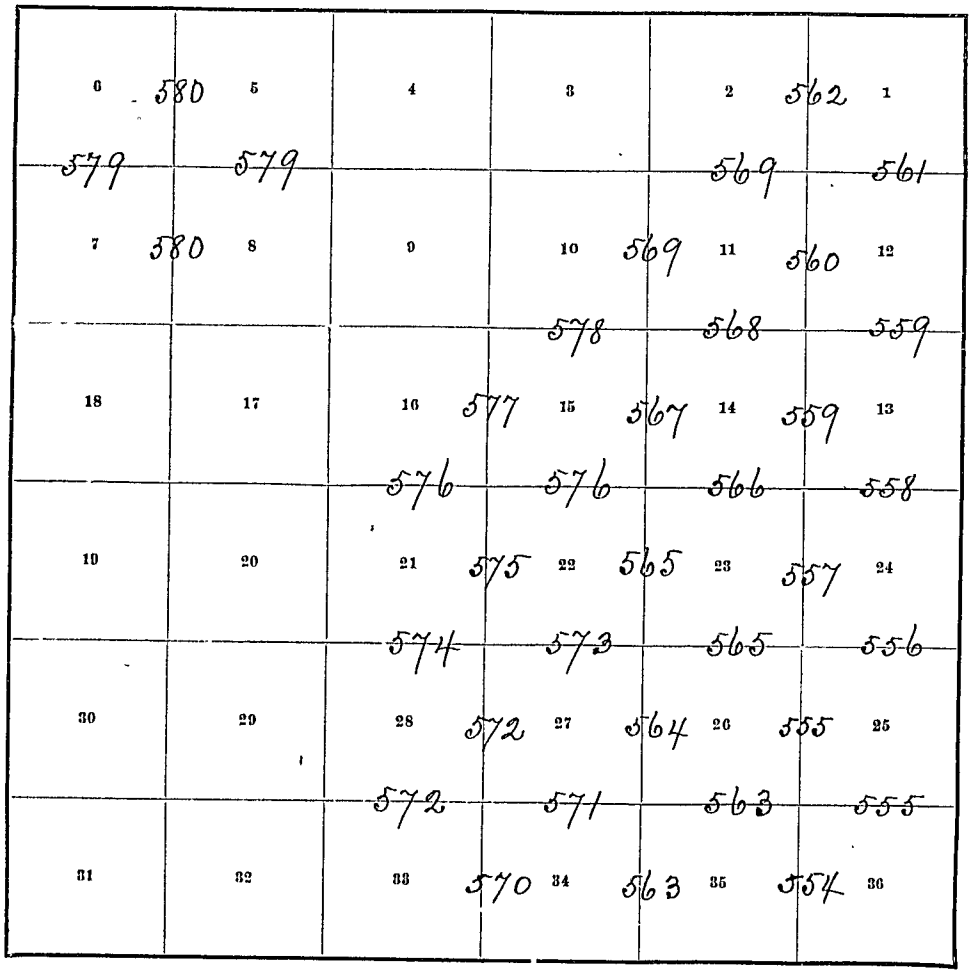
Township 26 S, *Range* 2 E.



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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 distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

_____

_____, *Chainman.*

_____, *Chainman.*

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

SEAL

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

_____

_____, *Moundman.*

_____, *Moundman.*

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

SEAL

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

_____

_____, *Axman.*

_____, *Axman.*

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

SEAL

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

_____, *Flagman.*

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

SEAL

(4—679.)

BOOK A-239

FIELD NOTES

K.F.B

OF THE SURVEY OF

North Boundary

of

Township No 25 South Range No 3 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Andrew P Hanson - - -, U. S. Deputy Surveyor,

Under his Contract No. 198, *dated* March 4, 1895.

Survey commenced July 3, 1895.

Survey completed July 6, 1895.

(8630—2,000.) 6—151

#5.72.96

Names and Duties of Assistants.

Andrew F. Riepen Chainman

Wm S. F. Trone "

Joshua Gardner Axeman

Wm P. McKeever Flagman

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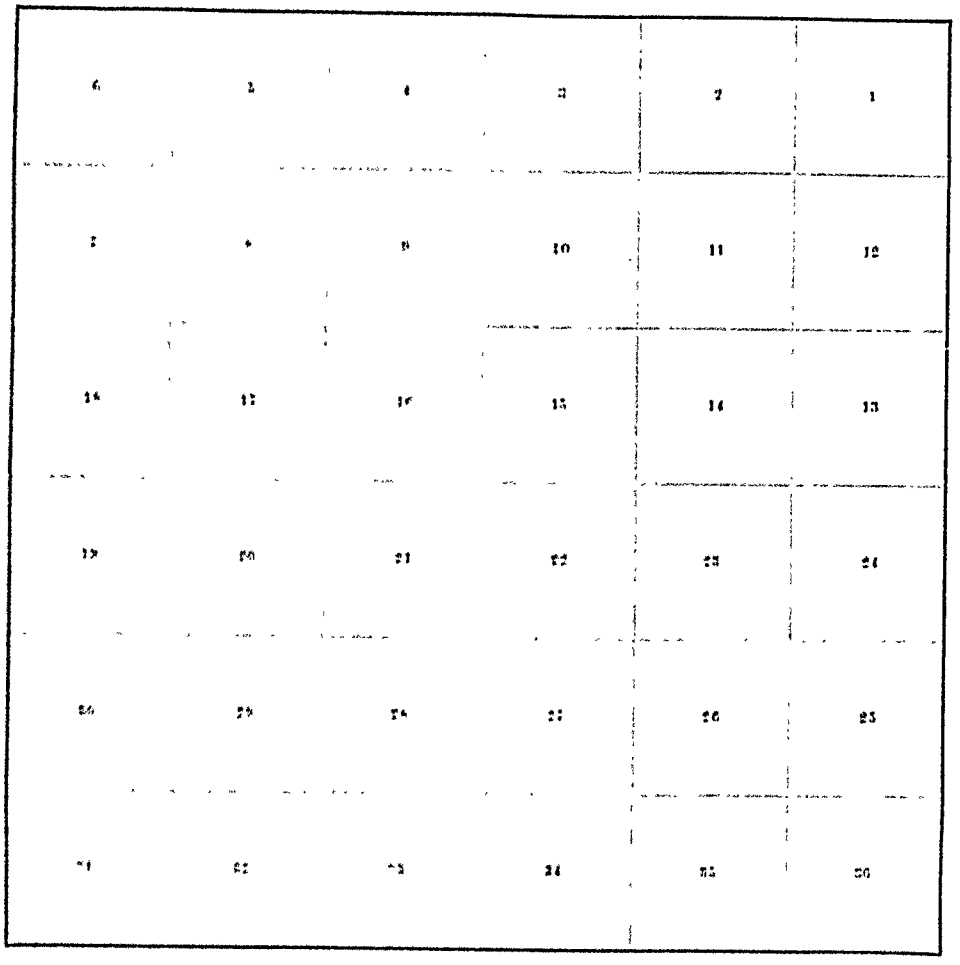

Meanders Page.....

Preliminary Oaths of Assistants.

We, ...

.....

.....

do solemnly swear that we will well and faithfully execute the duties of chain carriers; 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 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 .....

.....

.....

.....

.....

....., *Chainman.*

....., *Chainman.*

....., *Chainman.*

....., *Chainman.*

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

.....

.....

We, ...

.....

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

.....

.....

.....

.....

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

....., *Axeman.*

....., *Axeman.*

.....

.....

.....

North boundary of T 25 S R 3 E

chains. Survey commenced July 3. 1895, and executed with a W & L E Gurley light mountain transit with solar attachment.- The horizontal limb is provi with two double verniers placed opposite to each reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.-

The instrument was examined, tested on the true meridian at Salt Lake City found correct, and was approved by the surveyor general for Utah March 16. 895-

July 3. At 3h 10m p.m., l.m.t.- I go to the true established by me by observation on Polaris in secs. 26 T 25 S R 2 E in connection with the survey of Tp. and first testing the adjustments of the inst carefully and making corrections where needed, I set of 38° 38' on the lat. arc and 22° 57' N. on the arc. and determine a true meridian with the solar; and mark a point in the line thus established on the stone formerly set 6.00 chs N. of my station, and upon examination find no perceptible difference between this line and the true meridian as established June 21, and therefor conclude the instrument is in proper adjustment.

July 3 1895-

July 5: At 8h 15m a.m. l.m.t.- I set off 38° 41' on the lat. arc and 22° 48' N on the decl. arc. determine a true meridian with the solar at th Cor of townships 24 and 25 S. ranges 2 and 3 E in latitude 38° 41' N. longitude 111° 41 W. The magnetic bearing of the true meridian at 8h 30m a.m. is 16° 6' W. The angle thus ed reduced by the table page 100 of manual gives a mag. decl. 16° 1' E.-

From the cor. above described I run

East on a random line along the N. bdy. of Tp 25 S. R 3 E setting temp 1/4 sec. and sec. cors. at intervals of 40.00 chs.; and at 472.96 chs. intersect the E. bdy. of Tp. 82 lks. S. of cor. of Tps. 24 and 25 S R S. 3 and 4 E which is a stone firmly set marked and witnessed as described by the surveyor general T -alling as s to a correct of 0° 6' or 14 lks.

North boundary of T 25 S R 3 E

Chains	per mile counting from the N.W. cor. of the Tp. thereof Runs
X	S. 89° 54' W. bet. secs 1 and 36
	Ascending on N. E. slope in timber
16,53	A pine tree 5" in. diam. for 1/4 sec. cor. 0 marked 1/4 S. on N. side from which
	A pine tree 9 in. diam. bears S 30° W. 11 lks dist. marked 1/4 S. B.T.
	A pine tree 7 in. diam. bears S 86° 30' W. 12 lks. dist. marked 1/4 S B.T.
22,50	Top of ridge 2 60 ft. above Tp. cor. bears N W and S E
	Begin descent on S W slope
33,60	Head of draw course S ; enter S E slope of mount Hilgard and ascend on slide rock.
5,63	Set a lava stone 26 x 11 x 6 in. 18 in. in a mound of stones 3 ft. base for cor. of secs. 35 and 36 marked with 1 notch on E and 5 notches on W. edges.
	from which
	A pine tree 15 in. diam. bears N 62° 35' W. 66 lks. dist. marked T 24 S R 3 E S 35 B T
	A pine tree 12 in. diam. bears N 9° 0' E. 64 lks. dist. marked T 24 S R 3 E S 36 B T
	This cor stands on S E slope in lava boulders, about 600 ft. above Tp. cor
	Land mountainous
	Soil gravelly and rocky 3rd and 4th rate
	Timber pine and aspen of fair quality
	Mountainous land 36.63 chs -
	S. 89° 54' W. on S. bdy of secs. 35
	Ascending on rocky slope S. E., in timber
40,00	Set a lava stone 24 x 14 x 7 in in a mound of stones 3 ft. base 1½ ft. high for 1/4 sec cor. marked 1/4 on N. face
	from which
	A pine tree 8 in. diam. bears N. 24° 30' E. 22 lks. dist. marked 1/4 S B.T.
	A pine tree 9 in. diam. bears N 5° 30' W. 28 lks. dist. marked 1/4 S B T
	This cor. stands on S. slope of mt. Hilgard 500 ft. above cor to secs 35 and 36. -
	The summit of this mountain bears N about ½ mile
	Begin descent in S. W. slope
73,97	Spring branch 3 lks. wide flows N 75° W.

North boundary of T 25 S R 3 E

Chains	
80,00	Set a lava stone 42×23×9 inc. in ground and mound of stones 3 ft. base 2 ft. high for cor. of secs. 34 and 35 — Marked with 2 notches on E. and 4 notches on W. edges from which An aspen tree 10 inc. diam. bears N 58° 45' E 44 lks. dist. Marked T 24 S R 3 E S 35 B T An aspen tree 9 inc. diam. bears N 40° 5' W. 52 lks. dist. Marked T 24 S R 3 E S 34 B.T. This cor. stands on S.W. slope in edge of timber and 560 ft. below 1/4 sec. cor. ½ mile E. Land mountainous Soil rocky 4th rate — Timber pine and some aspen on W. end; heavy growth — Mountainous land 80,00 Chs — July 5, 1895 —
	July 6: At 7h 45m A. M. 7 m. T. I set off 38° 41' on the lat. arc. and 22° 42' N on the dec. arc. and determine a true meridian with the solar at the cor. to secs. 34 and 35 on N. bdy. of T 25 S R 3 E; Thence I run S 89° 54' W on S. bdy of sec. 34. — Leave timber bears N and S. and descend on S.W. slope
41,00	Set a lava stone 18×9×7 inc. 12 inc. 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 even slope facing W. 600 ft. below cor. of secs. 34 and 35 —
53,22	Mountain road in bottom of swale bears N 45° E and S 70° W.; swale drains S.W. Descending on spur S W slope in aspen brake
80,00	Set a lava stone 18×10×7 inc. 12 inc. in the ground for cor. of secs. 33 and 34 marked with 3 notches on E. and W. edges; raised a mound of stones 2 ft. base 1½ ft. high N. of cor.; Pits impracticable This cor. stands 290 ft. below the 1/4 sec. cor. Land mountainous Soil gravely and rocky 3d rate — No timber; aspen brake small but dense
	80,00

North boundary of T 25 S R 3 E

Chains	
	S 89°54' W. on S. bdy of sec 33
	Descending in aspen brake on broken slope W.
9,40	Leave aspen
17,42	Bottom of gulch 35 ft. deep drains N.W. 1 mountain road bears N.W and S.E
30,94	Same road bears N E and S W. in bottom of gulch course S.W.
40,00	Set a trachyte stone 18 x 9 x 7 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 spur running S.W. thence on slope W.
80,00	Set a lava stone 18 x 11 x 7 ins. 12 ins. in the ground for cor of secs. 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 N of cor. — Pits impracticable. —
	This cor. stands 540 ft. below cor. of secs. 33 and 34.
	Land mountainous
	Soil gravely 3d rate
	Timber, scattering bunches of aspen of small size and aspen brush. —
	Mountainous land 80,00 chs. —
	S 89°54' W on S. bdy. of sec. 32.
3,05	Mountain road course N. E. and S. W.
	Descend on W slope W
18,00	Enter creek bottom bears N and S; thence in willow brush
21,75	Creek 6 lks. wide course S 13° W.
23,00	Begin ascent on S E slope.
34,00	Top of spur running S.; begin descent on broken slope
40,00	Set a trachyte stone 23 x 9 x 5 ins. 17 ins. in the ground for 1/4 sec cor. marked 1/4 on N face from which An aspen tree 7 lks diam. bears S 73°25' E 15 lks. dist. marked 1/4 S.B.T.
	An aspen tree 6 ins. diam. bears S 10°55' E 17 lks. dist. marked 1/4 S B T.
40,30	Stream 6 lks wide course S in ravine 50 ft. deep.
	Ascend and run over broken gullies
58,20	Spring branch 3 lks wide course S. E.
60,50	Top of slope and spur running S. E.
	Descend on steep slope S.W.
68,35	Bottom of slope and fence course S 20° E; enter marsh

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North boundary of T 25 S R 3 E

Chains meadow and dense undergrowth —
69,25 Stream 3 lks. wide course S 20° E
Begin gradual ascent
— 80,00 Set a lava stone 18 x 10 x 8 ins. 12 ins. in the ground for cor. of secs. 31 and 32 marked with 5 notches on E and 1 notch on W. edges 1 raised a mound of stones 2 ft. base 1½ ft. high N. of cor. — Pits impracticable
Land mountainous rolling and broken
Soil gravely 2nd rate —
Timber a few scattering aspen; willow and thorn undergrowth in marsh. —
Mountainous land and dense undergrowth 80,00 chs. —

S 89° 54' W on S. bdy of sec. 31
Ascending gradually in marshy meadow, in dense —
9,90 Foot of mountain slope bears N and; thence ascending in timber on broken slope; leave dense undergrowth —
40,00 Set a lava stone 18 x 10 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face; raised a m of stones 2 ft. base 1½ ft. high N. of cor. —
Pits impracticable. —
No trees of proper size within limits —
55,00 Ground becomes rocky and timber heavy pine
— 96,43 The cor. of Tps. 24 and 25 S R. Rs. 2 and 3 E
This cor. stands 16 30 ft. above cor. of secs. 31 and 32
Land mountainous
Soil gravely and rocky 3d rate —
Timber, aspen on E. half; on W half pine of heavy grow —
Mountainous land and dense undergrowth — 96,43 chs —
July 6: at this cor. I set off 22° 42' on the decl. arc. and at 12h 4m p.m. / 7m T observe the sun on the mer. the resulting lat. is 38° 41'. —

July 6. 1895 —

Boundaries of T 25 S R 3 E

Latitudes departure and closing errors

Line designated	True bearing	Distance	Latitudes N.	Latitudes S.	Departures E.	Departures W.
		chs	chs	chs	chs	chs
5th St. Parallel south	East	474.16			474.16	
East boundary T25SR3E	North	480.00	480.00			
" " T25SR2E	S 0°2'30" (South)	120.00 360.00		480.00		.71
North boundary T25SR3E	S 89°54'30"	472.96		.81		472.96
Convergency						.58
Totals			480.00	480.81 480.00	474.16	474.25 474.16
Errors in lat.				.81	in def.	.09

This township is all rough and mountainous with the exception of a few narrow valleys or creek bottoms. - The township is well watered and well timbered and the soil is all very fertile affording excelent pasture without irrigation. - The township should be subdivided. -

Andrew P. Hanson
U.S. Deputy Surveyor

List of Names.

A list of the names of the individuals employed by Andrew P Rieben, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the North boundary of Tp. 25 S R 3 E of the Salt Lake Base and Meridian, in Utah, showing the respective capacities in which they acted:

Andrew F Rieben Chainman
Wm H Tanner Chainman
Joshua Gardner Axeman
Wm T McKeever Flagman

Final Oath of Assistants:

We hereby certify that we assisted ....., U. S. Deputy Surveyor, in surveying all those parts or portions of the ..... Meridian, ..., as 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 U. S. Surveyor General for .....

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

SEAL

.....

.....

6—151

BOOK A-259

Final Oath of U. S. Deputy Surveyor.

I, _____, U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions received from _____, U. S. Surveyor General for _____, bearing date of the _____ day of _____, 18 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for _____, the surveying manual, and the laws of the United States, surveyed all those parts or portions of _____

_____

_____

_____

_____

_____ Meridian, in the _____, as 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 surveying manual, printed instructions, the special written instructions of the U. S. 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.

_____

U. S. Deputy Surveyor.

Subscribed and sworn to before me this _____ day of _____, 18 .

SEAL

_____

_____

Approval.

Office of the U. S. Surveyor General,

Salt Lake City, Utah, May 23rd, 1896.

The foregoing field notes of the survey of The North Boundary of Township 25 South Range 3 East of the Salt Lake Base & Meridian, Utah

_____

_____

_____

_____

_____

_____ executed by Andrew P. Hanson

_____

under his Contract No. 198, dated March 4th, 189 6, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

_____

U. S. Surveyor General.

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

_____

U. S. Surveyor General.

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BOOK A-239

FIELD NOTES

OF THE SURVEY OF

Subdivision Lines

of

Township No 25 South Range No 3 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Andrew P. Hansen - - -, U. S. Deputy Surveyor,

Under his Contract No. 198, dated March 4, 1895.

Survey commenced July 6th, 1895.

Survey completed " 14th, 1895.

(8630—2,000.) 6—151

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BOOK A-259

Names and Duties of Assistants.

Andrew F Richter Chairman

Wm S Paine "

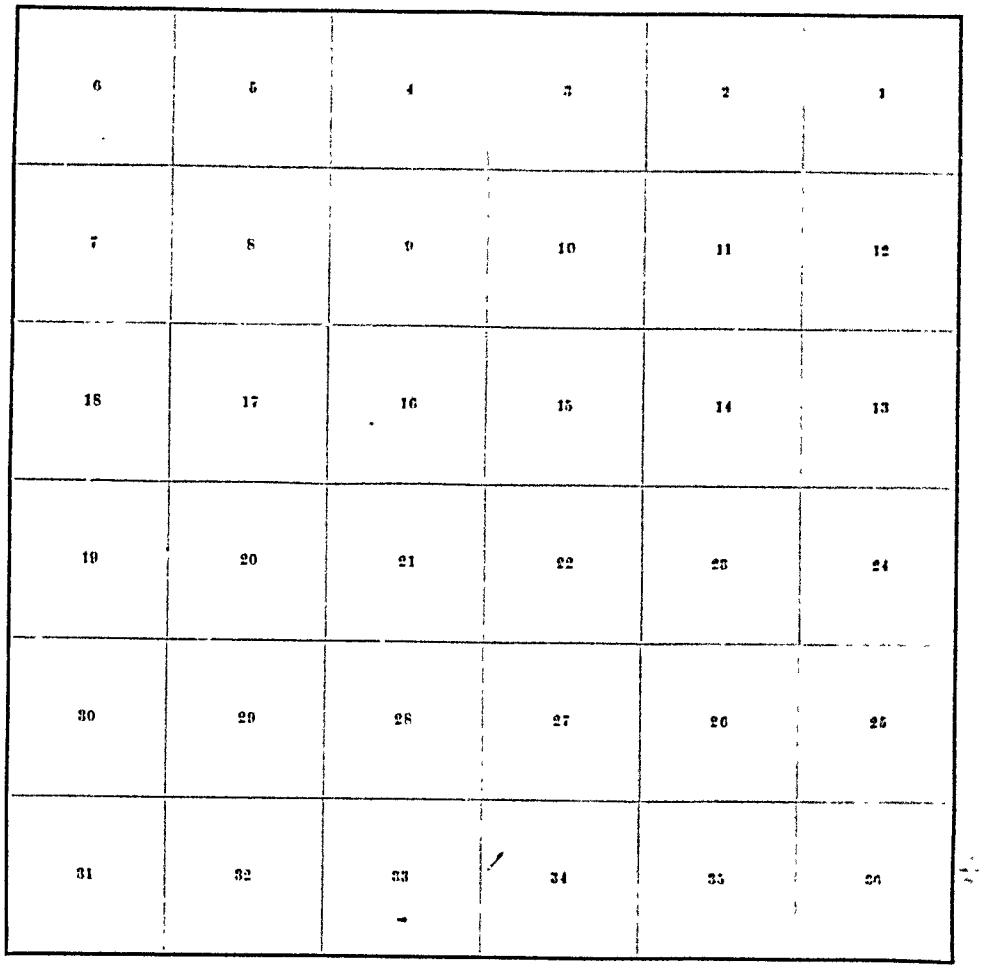
Joshua Gardner Assessor

Wm P Price Sewer Examiner

BOOK A-239

INDEX DIAGRAM.

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



Meanders Page..... .....

Preliminary Oaths of Assistants.

We, ...

....

....

do solemnly swear that we will well and faithfully execute the duties of chain carriers; 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 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 ....

....

....

....

....

...., *Chainman.*

...., *Chainman.*

...., *Chainman.*

...., *Chainman.*

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

....

....

We, ...

....

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

....

....

....

....

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

...., *Axeman.*

...., *Axeman.*

....

....

....

6—151

Subdivision of T. 25 S. R. 3 E.

chains

Survey commenced July 6, 1895 and ended with a W & L E Gurley light mountain transit No 7 with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other reading to single minutes of arc which is also the least count of the verniers of the latitude and declination arcs. —

The instrument was examined tested on the true meridian at Salt Lake City, found correct and was approved by the surveyor general for Utah March 16, 1895

Note: Having tested my instrument July 3, on a true meridian determined by observation on Polaris before commencing the survey of S. bdy. of this Tp; and knowing the solar to be in adjustment and accurate, I deem it unnecessary to repeat the test at this time. —

July 6: At the standard cor. of secs. 35 and 36 on S. bdy. of Tp 25 S R 3 E; latitude 38° 36' N. longitude 111° 35' W.: at 4h 10m p.m., T. m, T. I set off 38° 36' on the lat. arc and 22° 40' N on the decl. arc and determine a true meridian with the solar. —

The magnetic bearing of the true meridian at 4h 15m p.m. is N 15° 35' W.: the angle thus determined reduced by the table page 100, gives the mean mag. decl. 15° 38' E

From the cor. above described which is a stone firmly set marked and witnessed as described by the surveyor general. I run

N 0° 1' W. bet. secs. 35 and 36

Ascending on S.W slope

34,00 Top of slope and ridge, bears N W and S E. 410 ft. above cor. Enter timber and descend gradually on rolling slope

40,00 Set a lava stone 18 x 9 x 8 ins. 12 ins. in the ground for 1/4 sec cor. marked 1/4 on W. face from which an aspen tree 5 ins. diam. bears N 10° E 63 lks. dist. marked 1/4 S B.T.

An aspen tree 6 ins. diam bears N 10° 15' W. 76 lks. dist. marked 1/4 S.B.T.

48,04 Bottom of draw, drains W. thence ascending gradually on rolling slope

80,00 Set a lava stone 18 x 10 x 7 ins. 12 ins. in the ground for cor of secs. 25-26-35 and 36 marked with—

Subdivision of T. 25 S R 3 E

chains	
	An aspen tree 6 in. diam. bears N 48° 30' E. 34 lks. dist. marked T. 25 S R 3 E S 25 13 T
	An aspen tree 8 in. diam. bears N 35° 40' W. 22 lks. dist. marked T 25 S R 3 E. S 26 B.T.
	A pine tree 8 in. diam. bears S 36° 40' W. 103 lks. dist. marked T 25 S R 3 E S 35 B.T.
	An aspen tree 9 in. diam bears S 40° 0' E 74 lks. dist. marked T 25 S R 3 E S 36 B.T.
	Land mountainous rolling and broken
	Soil gravelly and rocky 2d and 3d rate
	Timber aspen and scattering pine of fair growth
	Mountainous land 80,00 chs.
	East on a random line bet. secs. 25 and 36
4,00	Set temp. 1/4 sec. cor.
79,56	Intersect E. bdy. of Tp 34 chs. S of cor. of secs. 25-30 31 and 36. which is a stone firmly set marked and witnessed As described by the surveyor general
	Thence South S 89° 45' W. on a true line bet. secs. 25 and 36
	Descending on S.W slope in timber
27,24	Bottom of ravine 250 ft. deep course S E.
	Begin ascent
39,78	At a large stone 18 x 12 x 7 in. 12 in. in the ground for 1/4 sec cor. marked 1/4 on W. face from which An aspen tree 10 in. diam. bears N 38° 0' E 28 lks. dist. marked 1/4 S.B.T.
	An aspen tree 8 in. diam. bears S 50° 30' W. 11 lks. dist. marked 1/4 S B.T.
67,60	Top of ridge 110 ft. high bears N and S.
	Descending gradually
79,56	The cor. of secs. 25-26-35 and 36
	Land mountainous, rolling and broken plateau
	Soil gravelly 2d rate
	Timber aspen scattering on E half; on W. half aspen and pine of good growth
	Mountainous and heavily timbered land 79.56 chs.
	July 6 1895
	N 0° 1' W. bet. secs. 25 and 26
	Ascending gradually in timber
16,00	Top of steep and ridge, bears N W and S E 110 ft. above cor.

Subdivision of T 25 S R 23 E

Chains

39,00 Timber changes from aspen to heavy pine

40,00 Set a granite stone 18 x 11 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; from which A pine tree 6 ins. diam. bears N 2° E 33 lks. marked 1/4 S.B.T.
A pine tree 7 ins. diam. bears S 56° 30' W. 14 lks. dist. marked 1/4 S.B.T.

— 80,00 Set a lava stone 24 x 9 x 5 ins. 18 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; from which A pine tree 7 ins. diam. bears S 24° 30' E. 75 lks. dist. marked T 25 S R 23 E S 25 B.T.
A pine tree 6 ins. diam. bears N 5° E 61 lks dist. marked T 25 S R 23 E S 24 B.T.
An aspen tree 4 ins. diam. bears N 19° W 45 lks. marked T. 25 S R. 23 E S. 23 B.T.
No other trees within limits naimed a mound of stones 2 ft. base 1½ ft. high N. of cor.
This cor. stands 675 ft. below top of ridge
Land mountainous
Soil gravely and rocky 3rd rate
Timber pine and aspen of good growth
Mountainous land 80,00 chs

N 89° 45' E on a random line bet. secs. 24 and 25
40,00 set stone 1/4 sec. cor.
79,82 Intersect E. bdy. of Tp 47 lks. N. of cor. of secs. 19-24-25 and 30 which is a stone firmly set marked and witnessed as described by the surveyor general.
Thence Down
N 89° 53' 41" W on a true line bet. secs. 24 and 25
over rolling broken slope S 61 ins. timber
39,91 set a lava stone 18 x 9 x 7 ins. 12 ins. in the ground 1/4 sec. cor. marked 1/4 on N. face; mound a mound stones 2 ft. base 1½ ft. high N. of cor. Pits unpreached No bearing trees of proper size within limits.
58,70 Top of long, rocky ridge or brake. 600 ft. above sec cor. course nearly N and S.
Begin descent on steep rocky slope.
— 79,82 The cor. of secs. 23-24-25 and 26.

Subdivision of T 25 S. R 3 E.

Chains	
	Level mountainous Soil gravely and rocky 3d sale Timber, scattering aspen and pine on E half: on W half pine of good size and growth Mountainous land 79,82 chs. —
	N 0° 1' W. bet. secs. 23 and 24 Descending on N. slope in timber
2,00	Leave timber: enter dense undergrowth and begin gradual descent
4,00	Set a trachyte stone 24 x 10 x 7 ins. 18 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. —
6,50	Enter flat bottom of gulch and dry wash, bears N.E.
7,50	Trail bears N.E and S.W.
8,00	Set a lava stone 18 x 10 x 7 ins 12 ins. in the ground for cor of secs. 13-14-23 and 24 marked with 3 notches on S and 1 notch on E. edge: raised a mound of stones 2 ft. base 1½ ft. high W. of cor. - Pits impracticable This cor stands in the bottom of gulch on level flat. , and 4.50 ft. below cor to secs. 23-24-25 and 26 Level mountainous and level gulch bottom Soil gravely 2d sale Timber pine and aspen of fair growth. Dense undergrowth of sagebrush and stone Mountainous land and dense undergrowth — 8,00 chs
	S 89° 55' E on a random line bet. secs. 13 and 24
40,00	set temp. 1/4 sec cor.
79,60	Intersect E bdy of Tp. 26 chs. S. of cor. of secs. 13-18-19 and 24 which is a stone firmly set marked and witnessed as described by the Surveyor General Thence S. run
	S 89° 54' W. on a true line bet. secs 13 and 24 Ascending on rolling slope in scattering timber
39,80	Set a trachyte stone 18 x 9 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face. from which a pine tree 6 ins. diam. bears N 11° 52' W. 43 lks. dist. marked 1/4 S B.T. An aspen tree 6 ins. diam. bears S 5° 0' 10' E 21 lks. dist. marked 1/4 S B.T. Thence in pine timber
32,10	Pits at base of [illegible] on bot. 4.50 ft. below cor. The line

Subdivision of T 25 S R 3 E

Chains bears nearly N and S: thence descending on steep rocky slope W. in pine timber

66,80 Leave timber at foot of slope bears N E and S.W.; flat bottom of gulch.

79,35 Trail bears N.E. and S.W.

79,60 The cor. of secs. 13-14-23 and 24.

This cor. stands 500 ft. below top of break

Land mountainous.

Soil gravely and rocky 3d rate

Timber aspen scattering on E half; on W half pine and aspen of fair growth.

Mountainous land 79,60 chs.

July 7: At this cor. I set off 22° 34' 30" on the deel arc and at 12h 5m p.m., 7 mt observe the sun on the meridian: the resulting lat. is 38° 39'

N 0° 1' W. bet. secs. 13 and 14

1,75 Leave bottom of gulch bears W and N E and ascend on

14,20 Fence bears E and W. on top of spur running E

Begin descent on N E slope

22,05 Bottom of slope bears N.W. and S E

22,20 Trail bears N W and S.E.; a marshy sink lies E. of in the bottom of gulch showing shallow water over a small area.

25,70 Enter timber and begin gradual ascent on S. slope

40,00 Set a lava stone 18 x 10 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face: from which

An aspen tree 5 ins. diam. bears N 84° 15' W. 10 lks. dist. marked 1/4 S.B.T.

An aspen tree 6 ins. diam. bears N 64° 50' E 28 lks dist. marked 1/4 S B.T.: raised a mound of stones 2 ft. base 1/2 ft. high st of cor.

55,95 Stream 2 lks. wide course S.W.

57,85 Trail course N E and S W.

70,00 A spring 60 ft. diam. bears E 4,80 chs.

76,75 Leave timber: enter circular clearing

78,80 Trail bears N W and S E

80,00 Set a lava stone 24 x 9 x 6 ins. 18 ins in the ground 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 7 ins diam. bears N 38° 5' E. 67 lks dist.

T2

Subdivision of T 25 S R 3 E

Chains	An aspen tree 7 in. diam. bears S 59° 38' E 34 lks.
	dist. marked T 25 S R 3 E S 13 B.T.
	An aspen tree 5 in. diam. bears N 25° 15' W. 64 lks.
	dist. marked T 25 S R 3 E S 11 B.T.
	This cor. stands 480 ft. above bottom of gulch on S. slope
	in edge of timber.
	Land mountainous
	Soil gravely 2nd rate
	Timber aspen and scattering pine
	Mountainous land 80,00 chs.
	N 89° 54' E on a random line bet. secs. 12 and 13
40,00	Set temp. 1/4 sec. cor.
79,62	Intersect E bdy of Tp at cor. of secs. 7-12-13 and 18
	Which is a stone firmly set marked and witnessed as described by the surveyor general
	Thence Drive
	S 89° 54' W on a true line bet. secs. 12 and 13
	On rocky broken surface ascending in timber
30,50	Top of rocky ridge 450 ft. above cor. bears N and S.
	Begin descent in slide rock in steep slope
39,81	Set a trachyte stone 28 x 9 x 5 ins. 22 ins. in the ground
	and mound of stones 3 ft. base for 1/4 sec. cor. marked
	1/4 on N. face. - Pits impracticable.
	No bearing trees within limits
63,60	Bottom of slope bears N and S. 435 ft. below top of ridge
	Thence on slope S in timber and tangle
79,40	bears timber and brush
79,62	The cor. of secs. 11-12-13 and 14
	Land mountainous
	Soil rocky and gravely 3d and 4th rate
	Timber pine and aspen of good quality
	Mountainous land 79,62 chs.
	N. 0° 11' W. bet. secs. 11 and 12
	Ascending on S slope broken and rolling; in timber
48,00	Set a lava stone 18 x 11 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
	No bearing trees of proper size within limits
80,00	Set a trachyte stone 17 x 9 x 8 ins. 12 ins. in the ground
	for cor. of secs. 1-2-11 and 12 marked with 6 notches on S
	and 1 notch on E. edge. raised a mound of stones 2 ft. base
	1½ ft. high W. of cor. Pits impracticable.

Subdivision of T 25 S R 3 E

chains No bearing trees of proper size within limits
This cor. stands on W slope at base of Mt Hilgard
and 640 ft. above cor. to secs. 11-12-13 and 14
Land Mountainous
Soil gravely and rocky 3d rate
Timber aspen of small size and a few pine scattering
Mountainous land 80,00 chs. –

July 7. 1895

July 8: at 7h 50m A.m., T.m.T. I set off 38° 40' on the lat. arc and 22° 29' N on the decl. arc and determine a true meridian with the solar at the cor. of secs. 1-2-11 and 12
Thence I run
N 89° 54' E on a random line bet. secs. 1 and 12
40,00 Set temp. 1/4 sec. cor.
79,96 Intersect E bdy. of Tp. 35 lks. N of cor. of secs. 1-6-7 and which is a stone firmly set marked and witnessed as described by the surveyor general
Thence I run
N 89° 57' W. on a true line bet. secs. 1 and 12
Ascending on broken E slope in scattering timber
27,25 Top of rocky ridge 420 ft. above cor. bears N and S
Begin descent
39,98 Set a lava stone 18 x 9 x 7 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on N. face: from which
A pine tree 9 in. diam. bears N 44° 10' W. 51 lks. dist marked 1/4 S B.T.
A pine tree 11 in. diam bears. S 63° 25' E 72 lks. dist. marked 1/4 S.B.T.
45,50 Bottom of slope bears. N 15° E and S 15° W. 300 ft. below top of ridge
Begin gradual ascent on S E slope
79,96 The cor. of secs. 1-2-11 and 12
Land mountainous
Soil rocky and gravely 3d rate
Timber aspen of small size, and pine scattering
Mountainous land 79,96 chs. –

N 0° 1' W. bet. secs 1 and 2
Ascending on rocky broken slope S in pine timber
40,00

Subdivision of T25SR3E

chains	for 1/4 sec. cor. marked 1/4 on W. face from which A pine tree 10 ins. diam. bears N 81°33' W. 68 lks dist marked 1/4 S.B.T. A pine tree 11 ins. diam. bears N 70°45' E. 106 lks. dist. marked 1/4 S.B.T.
8,00	Intersect N. bdy of Tp. 23,05 lks. S 89°54' W. of cor. of secs. 35 and 36 Set a lava stone 28×22×14 ins in a mound of stones 3 ft. base 2 ft. high for closing corner of secs. 1 and 2 marked CC on S. face with 1 grove on E. and 5 groves on W. faces from which.- A pine tree 5 ins. diam bears S 67°30' W. 10 lks. dist. marked T25SR3ES2BT A pine tree 4 ins. diam bears S 1°1' E 7 lks. dist. marked T25SR3ES1B.T. This cor. stands on S. E slope on Mt. Hilgard 1200 ft. above cor. to secs 1-2-11 and 12 Land mountainous Soil rocky 4th rate Timber pine of good growth Mountainous land 8,00 chs.-
	From standard cor. to secs. 34 and 35 on S bdy of Tp. which is a stone firmly set marked and witnessed as described by the surveyor general I run N 0°1' W. bet. secs. 34 and 35 Ascending on S.W. slope, rough and broken
4,00	A stationary stone 4×3×2 ft. above ground for 1/4 sec. cor. I mark 1/4 on W. face; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable.-
40,60	Top of sharp rocky ridge 480 ft. above standard cor. bears N.W. and S.E. Begin descent on rocky slope in timber
68,00	Foot of slope bears N 25° W and S 25° E thence on bench sloping E.
8,00	Set a lava stone 18×10×7 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; from which An aspen tree 4 ins. diam. bears S 55°30' W. 16 lks. dist. marked T25SR3ES34B.T. An aspen tree 4 ins. diam. bears N 17°30' W. 21 lks. dist. marked T25SR3ES27B.T.

Subdivision of T 25 S R 3 E

Chains An aspen tree 4 ins. diam. bears. S 64° 0' E 29 lks marked T 25 S R 3 E S 35 B.T.
A pine tree 10 ins. diam bears. N 21° 15' E. 57 lks d. marked T 25 S R 3 E S 26 B.T.
This cor. stands 450 ft. below top of ridge
Land mountainous broken and rolling
Soil rocky and gravely 4th rate
Timber pine and aspen on N half, on S half brake in patches and a few pine scattering
Mountainous land 80,00 chs --
July 8: At this cor. I set off 22° 28' N. on the arc. and at 12h 5m p.m. l.m.t. observe the sun on the meridian, the resulting lat. is 38° 37'

East on a random line bet. secs. 26 and 35 -
40,00 Set temp. 1/4 sec. cor.
79,68 Intersect N and S. line 16 lks. N of cor. of secs. 25-26 35 and 36 -
Thence I run
N 89° 53' W. on a true line bet. secs. 26 and 35 -
Descending on broken W. slope in timber
25,50 Bottom of gulch 460 ft. below cor. course S E
Begin ascent
30,00 Ascent becomes gradual on rolling surface
37,00 Leave timber bears. N and S.
39,84 Set a lava stone 18 x 10 x 9 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 290 ft. below cor to secs 25-26-35 and 36
44,57 Wood road bears. N and S. E
48,20 Enter timber bears. N and S
64,00 Leave " " " " "
68,55 Wood road bears. N and S
70,50 Enter timber
79,68 The cor of secs 26-27-34 and 35
This cor. stands 200 ft. above 1/4 sec. cor.
Land Mountainous, rolling
Soil gravely 2d rate -
Timber aspen of small size and scattering pine
Mountainous land 79,68 chs. -

Subdivision of T 25 S R 3 E

chains	N 0° 1' W. bet. secs. 26 and 27
	On rolling surface, in timber
8,00	Begin ascent, bears N E and S W.
40,00	Set a lava stone 18 x 9 x 8 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 1 1/2 ft. high W. of cor. —
	Pits impracticable. —
	No bearing trees of proper size within limits
70,00	Enter heavy pine timber
80,00	Set a lava stone 18 x 10 x 5 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 9 ins. diam. bears S 38° 10' W. 18 lks dist. marked T 25 S R 3 E S 27 B.T.
	A pine tree 13 ins. diam. bears N 54° 40' E 37 lks dist. marked T 25 S R 3 E S 23 B.T.
	A pine tree 12 ins. diam. bears S 15° E. 61 lks. dist. marked T 25 S R 3 E S 26 B.T.
	A pine tree 6 ins. diam. bears N 66° 30' W. 45 lks dist. marked T 25 S R 3 E S 22 B.T.
	This cor stands 400 ft. above cor to secs 26-27-34 and 35
	Land mountainous rolling and broken
	Soil gravely 3d rate
	Timber aspen of small size and scattering pine except on N. 10 chs. —
	Mountainous and heavily timbered land 80,00 chs. —
	S 89° 53' E on a random line bet. secs. 23 and 26
40,00	Set temp. 1/4 sec. cor.
79,90	Intersect N. and S. line 17 lks. S of cor. of secs. 23-24-25 and 26
	Thence I run
	West on a true line bet. secs. 23 and 26
	Descending in timber
1,90	Leave timber
11,50	Bottom of gulch 180 ft. below cor. course N.
	Begin ascent, in dense undergrowth
30,00	Top of ridge 150 ft. high bears N and S; begin descent
32,00	Foot of slope bears N and S; enter level bottom of gulch course N
38,15	trail bears N. and S
39,95	Set a lava stone 18 x 10 x 9 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; raised a

Subdivision of T 25 S R 3 E

Chains	
	mound of stones 2 ft. base 1½ ft. high N of cor.
	Pili impracticable -
48,40	Leave bottom of gulch: bears N and S; enter timber and ascend on broken slope - Leave dense undergrowth -
79,90	The cor. of secs. 22-23-26 and 27
	This cor stands 375 ft. above flat -
	Land mountainous, and level gulch bottom
	Soil gravely 2nd and 3d rate -
	Timber pine and aspen of good growth -
	Dense undergrowth - of sagebrush and thorn
	Mountainous land 79,90 chs -
	N 0°1' W. bet. secs. 22 and 23
	Ascending on S E slope in timber
40,00	Set a lava stone 18x9x6 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face: from which
	A pine tree 6 in. diam. bears. S 40°15' W. 57 lks. dist. marked 1/4 S B.T.
	A pine tree 11 in. diam. bears. N 10°50' E 74 lks. dist. marked 1/4 S B.T.
	This cor. stands on top of slope course E and W. 420 ft. above cor to secs. 22-23-26 and 27
	Begin descent. -
44,70	Bottom of gulch 135 ft deep course S 70° E. -
	Thence ascending in broken rocky slope
80,00	Set a trachyte stone 26x9x6 in. in a mound of stones 3 ft base 2 ft. high for cor. of secs. 14-15-22 and 23 marked with 3 notches on S and 2 notches on E edges - from which
	A pine tree 10 in. diam bears. N 61°30' E. 46 lks. dist. marked T. 25 S. R. 3 E. S 14 B.T.
	A pine tree 14 in. diam bears. S 33°45' E 65 lks. dist. marked T 25 S R 3 E S 23 B.T.
	A pine tree 9 in. diam. bears. S 8°55' W. 105 lks. dist. marked T 25 S R 3 E S 22 B.T.
	No other trees within limit. - Pili impracticable
	Land mountainous broken and sloping
	Soil gravely and rocky 3d rate
	Timber pine of heavy growth
	Mountainous land 80,00 chs. -

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Subdivision of T 25 S R 23 E

Chains	
	East on a random line bet. secs 14 and 23
4,00	set temp 1/4 sec. cor.
79,84	On meander N and S line 12 chs S of cor. of secs. 13-14-23 and 24
	Thence 9 rips
	S 89° 3'5' W. on a true line bet. secs. 14 and 23
	Over flat bottom of gulch in dense undergrowth
27,00	Leave flat and dense undergrowth - bears N and S: enter timber and begin ascent
39,92	set a lava stone 24 x 9 x 7 ins. 18 ins. in a mound of stones 3 ft. base for 1/4 sec. cor. marked 1/4 on N. face from which
	A pine tree 10 ins. diam. bears N 5° 20' E 2 lks. dist. marked 1/4 S 13 T
	A pine tree 6 ins. diam. bears S 20° 45' E. 25 lks. dist. marked 1/4 S 13. T.
	Thence on broken rocky slope E
79,84	To cor. of secs. 14-15-22 and 23
	This cor. stands 475 ft. above flat.
	Land mountainous
	Soil, in flat gravelly loam 1st rate hillsides rocky and gravelly 3d rate
	Timber, heavy pine forest. dense undergrowth of sagebrush and stone
	Mountainous land and dense undergrowth 79,84 chs. -

July 9: At 8 45 m. A.M, L.M.T. I set off 38° 59' on the Sol. arc and 22° 22' N. on the dec. arc and determine a true meridian with the solar at the cor to secs. 14-15-22 and 23

Thence S run

N 0° 1' W. bet. secs. 14 and 15

Ascending on E. slope over breaks and gullies: through timber

4,00	set a a lava stone 17 x 9 x 8 ins. 12 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 10° 30' W. 43 lks. dist. marked 1/4 S. 13. T.
	A pine tree 10 ins diam. bears S 5° 6° 20' E 5.8 lks dist. marked 1/4 S. 13. T.
61,15	Bottom of ravine 90 ft. deep course E
8,00	set a lava stone 26 x 14 x 9 ins. 20 ins in a mound of stones 2 ft. base for cor of secs. 10-11-14 and 15:

Subdivision of T. 25 S. R. 3 E.

Chains from which

A pine tree 11 in. diam. bears S 41° 12' E 34 lks dist. marked T 25 S R 3 E S 14 B.T.

A pine tree 9 in. diam. bears S 19° 20' W. 27 lks dist. marked T 25 S R 3 E S. 15 B.T.

A pine tree 8 in. diam. bears N 56° 05' W. 92 lks dist marked T 25 S R 3 E S 10 B.T.

A pine tree 5 in. diam. bears N 74° 30' E. 64 lks. dist. marked T. 25 S. R. 3 E. S. 11 B.T.

This cor. stands 400 ft. above cor. to secs. 14-13-22 and 23

Land mountainous broken and clothed

Soil rocky 3rd rate

Timber, heavy pine forest

Mountainous land 80.00 chs.

N 89° 55' E on a random line bet. secs. 11 and 14

4.00 Set temp. 1/4 sec. cor.

79.54 Intersect N. and S. line 27 lks. N. of cor. of secs 11-12-13 and 14

Thence on

N 89° 5' W. on a true line bet. secs. 11 and 14

On S. slope, rolling and broken

4.90 Trail bears N W and S E

8.00 Enter timber

39.77 Set a large stone 18 x 10 x 9 in. 12 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 No bearing trees of proper size within limits

This cor. stands in aspen brake at foot of slope bearing east and S.

Ascend on E slope

79.54 The cor. of secs. 10-11-14 and 15

This cor stands 500 ft. above the 1/4 cor.

Land mountainous broken and rolling

Soil gravely and rocky 3rd rate

Timber, aspen of small size, and scattering pine on E half, on W half pine of large growth. -

Mountainous land 79.54 chs

N 0° 11' W. bet. secs. 10 and 11

Ascending gradually on E. slope broken and rugged.

4.00 Set a trachyte stone 18 X 11 X 9 in. 12 in. in the ground for 1/4

Subdivision of T. 25 S R 3 E

Chains A pine tree 6 in. diam. bears N 66° 30' E 18 lks. dist.
marked 1/4 S.B.T.
A pine tree 12 in. diam. bears S 18° 40' W. 55 lks. dist.
marked 1/4 S.B.T.
8,00 Set a lava stone 24 x 11 x 7 in. 18 in in ground and
mound of stones 2 ft. base for cor. of secs. 2-3-10 and 11
marked with 5 notches on S and 2 notches on E edges:
from which. -
A pine tree 11 in. diam. bears N 48° 20' E 126 lks dist.
marked T. 25 S R. 3 E. S 2 B.T.
A pine tree 12 in. diam. bears S 59° 45' E 88 lks. dist.
marked T 25 S R 3 E S. 11 B.T.
No other trees within limits. - Pits impracticable
This cor. stands 600 ft. above cor. to secs. 10-11-14 and 15
Land mountainous broken and sloping
Soil rocky 4th rate
Timber pine of large size
Mountainous land 80,00 chs. -
July 9: at this cor. I set of 22° 21' N. on the decl. arc
and at 12h 5m p.m., l.m.t. observe the sun on the
meridian: the resulting lat. is 38° 40'

S 89° 53' E on a random line bet. secs. 2 and 11
41,00 Set temp. 1/4 sec. cor.
79,58 Intersect N and S line at cor. of secs. 1-2-11 and 12
Thence I run
N 89° 53' W on a true line bet. secs. 2 and 11
Over broken slope facing S in timber
35,10 Trail bears N.W. and S.E.
39,79 Set a trachyte stone 18 x 8 x 6 ins. 12 ins in the grou
for 1/4 sec. cor. marked 1/4 on N. face from which.
An aspen tree 5 in. diam. bears S 11° 30' W. 16 lks. dist.
marked 1/4 S.B.T.
An aspen tree 4 in. diam bears N 31° 10' E 56 lks. dist
marked 1/4 S. B.T. -
58,00 Begin ascent on rocky slope bears N. and S.
79,58 The cor. of secs. 2-3-10 and 11
Land mountainous broken and rugged
Soil rocky and gravely 3d rate
Timber aspen, of small size and pine scattering on S.
slope; on E. slope pine of heavy growth
Mountainous land 79.58 chs. -

Subdivision of T 25° S 13 E

chains N 0° 1' W. bet. secs. 2 and 3
Ascending on E slope in timber
20,00 Top of ridge bears N 20° E and S 12° W.
Begin descent on W. slope in scattering timber
40,00 Set a lava stone 18×10×6 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
41,30 Trail bears N.W. and S.E in bottom of pass or saddle.
Begin gradual ascent
80,16 Intersect N. bdy. of Tp 22,76 chs S 89° 54' W of Cor. of secs. 34 and 35
Set a lava stone 30×20×7 ins. in ground and mound of stones 3 ft. base 2 ft. high for closing cor. of secs. 2 and 3 marked cor. on S. face with 2 groves on E and 4 groves on W faces. Pits impracticable.
Land mountainous rolling and sloping
Soil rocky and gravely 3d rate
Timber pine of good size on E. side of ridge; on W. side scattering pine and N. of trail aspen and pine mainly dry and scattering
Mountainous land 80,16 chs.

From standard cor. of secs 33 and 34 on S bdy of Tp which is a stone firmly set marked and witnessed as described by the surveyor general, I run N 0° 2' W. bet. secs 33 and 34
Descending in timber
14,42 Bottom of slope bears N 75° E and S 75° W.
Fence " " " " " " " "
Leave timber and enter Jas E McClellands pasture known as Danish Meadows
18,00 Slough 30 ft. wide 8 ins deep drains E
28,85 Trail bears N.W. and S.E
40,00 Set a trachyte stone 18×12×7 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.
Jas. E McClellands cabin bears S 61° 35' E 18,00 chs. dist.
47,00 East Fork of Dirty Devil or Fremont River course S E 30 lks. wide slow, deep current
76,25 Irrigating stream 5 lks wide course S.E.
80,00 Set a trachyte stone 26×18×6 ins. 18 ins. in the ground
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BOOK A-83

Subdivision of T. 25 S. R. 3 E.

chains
On S. and E. 3 notches on E. edges. : raised a mound of stones
2 ft. base 1½ ft. high W. of cor. Pits impracticable.
Level mountainous slope, and level bottom
Soil on slope rocky and gravelly 3d rate; in bottom loam 1st
Timber pine and aspen
Mountainous land 14.42 chs. -

July 9 1895

July 10: at 7h 30m a.m. I set off 38° 37' on the lat. arc and 22° 15' 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
East on a random line bet. secs. 27 and 34

40.00 Set limp. 1/4 sec cor.
79.64 Intersect N. and S. line 20 lks N of cor. of secs. 26-27-34 and 35
Thence I run
N 89° 53' W on a true line bet. secs. 27 and 34
On rolling surface: in timber
2.00 Begin ascent, bears N and S.
16.50 Top of rocky, sharp ridge 650 ft. above cor. bears S 16° E and 16° W. -
Begin descent
89.82 Set a lava stone 18 x 11 x 7 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.
No bearing trees of proper size within limits
This cor. stands 6.30 ft. below top of ridge
49.45 Bottom of slope bears N and S; leave timber and enter level draw and dense undergrowth
60.50 Foot of slope bears N and S; leave dense undergrowth, enter timber and ascend
63.00 Top of ridge bears N and S. 60 ft. high
Begin descent on rolling slope
77.60 Bottom of slope bears N and S; leave timber and enter m
79.64 The cor. of secs. 27-28-33 and 34
This cor. stands 400 ft. below 1/4 sec cor.
Level mountainous slope and level bottom
Soil rocky and gravelly 1st and 3d rate
Timber aspen, mostly small size, and some pine

Subdivision of T 25 S R 3 E

Chains Mountainous land and dense undergrowth 77,60 chs.

N 0°2' W. bet. secs. 27 and 28.
over swampy meadow in dense undergrowth –
5,68 Fence bears E and W.: enter Albert Stevens Jr. pasture
13,00 Foot of slope bears N 25° W and S 25° E leave meadow and ascend on broken slope
13,50 Enter timber
4,00 Set a lava stone 18 x 10 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
A pine 10 ins. diam. bears. N 70° 15' W. 17 lks dist. marked 1/4 S.B.T.
A pine tree 34 ins. diam. bears. S 47° 30' E 44 lks. dist. marked 1/4 S B.T.
8,00 Set a lava stone 23 x 14 x 5 ins. 17 ins. in the ground for cor. of secs. 21-22-27 and 28 marked with – 2 notches on S and 3 notches on E edges – from which
An aspen tree 7 ins. diam. bears. N 5° 46' W. 15 lks. dist. marked T 25 S R 3 E S 21 B.T.
A pine tree 5 ins. diam. bears S 29° 50' W. 23 lks. dist. marked T 25 S R 3 E S 28 B.T.
A mahogany tree 5 ins. diam bears. S 64° 38' E 26 lks. marked T 25 S R 3 E S. 27 B.T.
An aspen tree 5 ins. diam. bears. N 88° 0' E 25 lks. dist. marked T 25 S R 3 E S 22 B T
This cor stands on W. slope 300 ft. above flat.
Land mountainous slope, and level bottom
Soil, loam 1st rate on bottom and rocky 3rd rate on slope
Timber aspen and pine of fair growth.
Dense undergrowth of willow and weeds.
Mountainous land and dense undergrowth 8,00 chs.

S 89° 51' E on a random line bet. secs. 22 and 27
4,00 set temp. 1/4 sec cor.
79,56 Intersect N. and S. line at cor. of secs. 22-23-26 and 27
Thence I run
N 89° 51' W on a true line bet. secs. 22 and 27
Ascending on broken slope in timber
38,00 Top of ridge 500 ft. above cor. bears N 20° W and S 20° E
39,78 Set a lava stone 18 x 9 x 8 ins. 12 ins. in the ground for 1/4 sec cor. marked 1/4 on N. face; raised a mound of stones

Subdivision of T 25 S R 3 E

chains	
	No bearing trees within limits
40,25	Descend on broken, rocky slope
79,56	The cor. of secs. 21-22-27 and 28
	This cor. stands 450 ft. below top of ridge
	Land mountainous, broken slope
	Soil rocky and gravely 3d rate
	Timber aspen and pine of fair growth and dense
	Mountainous land 79,56 chs.
	N. 0° 2' W bet. secs. 21 and 22
	Ascending on W. slope in timber
31,90	Top of spur running W.: descending gradually on broken slope
37,50	Bottom of gulch 100 ft. deep drains W.: ascend
40,00	Set a lava stone 17 x 9 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	A pine tree 32 ins. diam. bears N 65° 30' E 37 lks. dist. marked 1/4 S.B.T.
	An aspen tree 5 ins. diam. bears N 22° 30' W. 10 lks. dist. marked 1/4 S.B.T.
52,00	Top of spur running W. descend to
74,80	Bottom of gulch 200 ft. deep course W.
	Ascend over gullies and ridges
80,00	Set a lava stone 18 x 9 x 7 ins. 12 ins. in the ground for cor. of secs. 15-16-21 and 22 marked with 3 notches on S and E. edges. from which
	A mahogany tree 4 ins. diam bears N 61° 30' E 28 lks dist marked T 25 S R 3 E S 15 B.T.
	A mahogany tree 4 ins diam bears N 21° 30' W. 30 lks. dist marked T 25 S R 3 E S 16 B.T.
	A mahogany tree 5 ins. diam. bears S 19° 10' E 26 lks dist. marked T 25 S R 3 E S 22 B.T.
	A mahogany tree 5 ins. diam. bears S 12° 35' W. 21 lks. dist. marked T 25 S R 3 E S 21 B.T.
	This cor. stands 420 ft. above cor. to secs. 21-22-27 and 28
	Land mountainous, rolling and broken slope
	Soil gravely and rocky 3d rate
	Timber aspen pine and mountain mahogany of fair size and dense
	Mountainous land 80,00 chs.
	July 10: at this cor. I set off 22° 13' N on the deel arc and at 12h 5m p.m. T.m.T. observe the sun on the meridian the resulting lat. is 38° 39'

Subdivision of T 25 S. R 3 E.

Chains S 89° 30' E on a random line bet. secs. 15 and 22
4,00 Limb 1/4 sec. cor.
79,60 Intersect N and S line 21 lks S. of cor. W secs. 14-15-22 and 23
Thence Down
West on a true line bet. secs. 15 and 22
Ascending in timber
15,00 Top of ridge bears N and S
Descend W
31,00 Bottom of gulch 250 ft. deep course S, thence ascending
39,80 Set a trachyte stone 18 x 9 x 7 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. — no bearing trees within limits.
47,30 Top of main ridge bears N and S. 530 ft. above sec. cor.
Descend
70,45 Bottom of gulch 500 ft. below ridge
Ascend gradually W
79,60 The cor. of secs. 15-16-21 and 22
Level mountainous
Soil rocky and gravelly 3d scale
Timber pine and aspen of good growth
Mountainous land 79,60 chs

N 0° 2' W. bet secs. 15 and 16
Ascending on broken W. slope in timber
8,00 Top of spur running W. thence descending W
29,50 Bottom of gulch 300 ft. deep course W.
Ascending gradually on rolling surface
34,00 Leave timber enter lava bed
40,00 Set a lava stone 24 x 12 x 9 ins. 18 ins. in a mound of
stones 3 ft. base for 1/4 sec. cor. marked 1/4 on W. face
Pits impracticable
43,00 Enter timber
47,00 Leave lava bed and ascend
80,00 Set a lava stone 24 x 15 x 7 ins. 18 ins in the ground
cor of secs. 9-10-15 and 16 marked with 4 notches on S and 3
notches on E. edges; from which
An aspen tree 9 ins. diam. bears S 45° 45' W 16 lks. dist.
marked T 25 S R 3 E S 16 B T
An aspen tree 7 ins. diam. bears S 39° 30' E 6 lks. dist.
T 25 S R 3 E S 15 B.T.

Subdivision of T 25 S R 3 E

chains T 25 S R 3 E S 10 B.T.
An aspen tree 5 in. diam bears N 24° 25' W 16 lks dist
marked T 25 S R 3 E S 9 B.T.
This cor stands on W slope on top of spur running W.
from main ridge, and 800 ft. above cor to secs 15-16-21 and 22
Land mountainous rolling and sloping
Soil rocky and gravely 3d and 4th rate
Timber aspen and pine of fair growth
Mountainous land 80,00 chs.

East on a random line bet. secs. 10 and 15.
40,00 set temp. 1/4 sec cor.
79,86 Intersect N and S line at cor. of secs. 10-11-14 and 15
Thence I run
West on a true line bet. secs. 10 and 15
Ascending on rugged slope in timber
28,00 Top of slope and ridge 475 ft. above cor. bears N. and S 20° W
and spur runs S: at head of gulch course S.
32,60 Begin descent
39,93 set a lava stone 18 x 10 x 6 ins. 12 ins in the ground,
1/4 sec. cor. marked 1/4 on N. face. from which
A pine tree 6 in. diam bears N 11° 30' W. 28 lks. dis
marked 1/4 S B.T.
A pine tree 11 in. diam. bears S 54° 10' E. 35 lks dist.
marked 1/4 S.B.T.
71,00 Descent becomes less steep, and broken
79,86 The cor. of secs. 9-10-15 and 16
This cor. stands 800 ft. below top of ridge
Land mountainous
Soil rocky and gravely 4th rate
Timber pine and aspen of good growth
Mountainous land 79,86 chs

N 0° 2' W bet secs. 9 and 10
Descending on rolling slope in timber
40,00 Set a lava stone 17 x 12 x 5 ins. 12 ins. in the ground
for 1/4 sec. cor. marked 1/4 on W. face from which
A pine tree 10 in diam bears N. 84° 20' E 58 lks dist.
marked 1/4 S. B.T.
An aspen tree 5 in. diam. bears S 34° 15' W. 17 lks dist
marked 1/4 S. B.T.

W.

Subdivision of T. 25 S R. 3 E.

Chains slope ascending gradually.
70,00 Descend on W slope along foot of slope
79,00 Leave timber
80,00 Set a lava stone 18×10×7 in. 12 in. in the ground for cor. of secs. 3-4-9 and 10 marked with 5 notches on S 3 notches on E edges. raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
no bearing trees of proper size within limits
Land Mountainous broken and rolling
Soil gravely and rocky 3d rate
Timber pine and aspen of good growth
Mountainous land 80,00 chs.

July 10, 1895

July 11: At 7h 40m A.M., L.M.T. I set off 38°40' on the lat arc. and 22°7' N on the decl arc, and determine a true meridian with the solar at the cor to secs. 3-4-9 and 10
Thence I run
East on a random line bet. secs. 3 and 10
40,00 Set temp. 1/4 sec. cor.
79,62 Intersect N. and S. line 18 lks S of cor. of secs. 2-3-10 and 11
Thence I run S 89°52' W on a true line bet. secs. 3 and 10.
Ascending in timber
3,00 Top of ridge bears N and S
3,35 Begin descent on broken slope
39,81 Set a trachyte stone 18×9×6 in. 12 in. in the ground 1/4 sec. cor. marked 1/4 on N. face from which
A pine tree 6 in. diam bears N 66°30' E 16 lks dist. marked 1/4 S.B.T.
A pine tree 9 in. diam. bears S 18°30' W 64 lks dist. marked 1/4 S B.T.
78,20 Leave timber
79,62 The cor. of secs. 3-4-9 and 10
This cor stands 10.60 ft. below top of ridge
Land mountainous
Soil rocky and gravely 3d rate
Timber Pine and aspen of good growth
Mountainous land 79,62 chs.

N 0° 2' W. bet. secs. 3 and 4
In mouth of ravine from E
9,00 Ascend on point of ridge sloping W to gulch in timber, bears E and
70

Subdivision of T 25 S R 3 E

chains

19,00 Leave slope and timber bears N E and S W; enter bottom of open gulch, and dense undergrowth.
Ascend gradually

40,00 Set a lava stone 18 x 12 x 7 in. 12 in. in the ground 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. -

49,00 Leave bottom of gulch bears N E and S.W. and ascend on rolling slope; leave dense undergrowth.

58,00 Enter timber

64,90 Top of ridge bears E and W 180 ft. high
Begin descent

79,20 Leave timber

80,20 Intersect N. bdy. of Tp. 22,40 chs. S 89° 54' W. of cor. of secs. 33 and 3
Set a trachyte stone 18 x 14 x 6 in. 12 in. in the ground for closing cor. of secs. 3 and 4 marked CC on S face with 3 groves on E and W. faces. from which
A pine tree 9 in. diam. bears S 64° 40' W. 53 lks. dist.
Marked T 25 S R 3 E S 4 B.T.
An aspen tree 10 in. diam. bears S S 39° 12' E 64 lks. dist.
Marked T 25 S R 3 E S 3 B T. -
Raised a mound of stones 2 ft. base 1½ ft. high S of cor.
Land mountainous; and sloping gulch bottom
Soil gravely 2nd and 3d rate
Timber aspen and scattering pine
Dense undergrowth of sagebrush and thorn
Mountainous land and dense undergrowth 8020 chs.

From standard cor. to secs. 32 and 33 on S bdy of Tp which is a stone marked and witnessed as described by the surveyor general. I run
N 0° 3' W. bet. secs. 32 and 33.
Ascending on S. slope broken and rolling; in scattering

40,00 Set a lava stone 18 x 10 x 9 in 12 in. in the ground 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

43,00 Top of slope S enter top of ridge; course N and S 6.50 ft. above W. cor. enter timber and run on W side of ridge 50 ft. from top.

80,00 Set a lava stone 18 x 9 x 10 in. 12 in. in the ground for cor. of secs. 28-29-32 and 33 marked with 1 notch on S and 4 notches on E. edges from which

Subdivision of T 25 S R 3 E

chains — A pine tree 10 in. diam bears N 16° 22' E 5·8 lks dist
marked T 25 S R 3 E S 28 B.T.
A pine tree 6 in. diam bears S 44° 40' W. 91 lks. dist.
marked T 25 S R 3 E S 32 B.T.
No other trees within limits; raised a mound of stone
2 ft. base 1½ ft. high W. of cor.
Land mountainous
Soil rocky and gravelly 4th rate
Timber aspen pine and mountain mahogany of small
and mainly scattering
Mountainous land 80,00 chs.
July 11: At this cor. I set off 22° 5' N on the decl arc and
at 12h 5m p.m. l.m.t. observe the sun on the meridian; the
resulting lat. is 38° 37'

East on a random line bet. secs. 28 and 33
40,00 Set temp. 1/4 sec. cor.
79,72 Intersect N and S line at cor. of secs. 27-28-33 and 34
Thence I run
West on a true line bet. secs. 28 and 33
Over level, marshy meadow; in dense undergrowth
1,35 Ditch 5 lks wide course S.
11,80 East Fork 25 lks wide from S W. turns S at bend
13,60 " " " " course S; slow deep current
17,50 Slough 8 lks. wide course S
18,00 Foot of slope bears N. and S.; leave meadow and dense undergrow
Begin ascent in aspen timber and brake. Trail bears N & S
39,86 Set a lava stone 18 x 9 x 6 in. 12 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
78,35 Top of ridge 975 ft. above flat course N and S
Begin descent
79,72 The cor of secs. 28-29-32 and 33
Land mountainous slope and level meadow
Soil in meadow loam 1st rate ballance rocky 3d rate
Timber aspen and pine mostly small size
Dense undergrowth of willow and weeds
Mountainous land and dense undergrowth — 79,72 chs.

N 0° 3' W. bet secs. 28 and 29
On broken rocky slope W. in timber
4

Subdivision of T 25 S R 3 E

chains for 1/4 sec. cor. marked 1/4 on W. face from which
An aspen tree 6 ins. diam. bears N 25° 30' W. 28 lks. dist.
marked 1/4 S B.T.
A pine tree 6 ins. diam. bears S 15° 45' E 63 lks. dist.
marked 1/4 S B.T.

7,500 Enter top of ridge bears N and S

8,000 Set a lava stone 20 x 9 x 6 ins. 15 ins. in the g
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.
No bearing trees of proper size within limits
Land mountainous, broken and sloping
Soil rocky 4th rate
Timber aspen and pine of small size mainly
Mountainous land 8,000 chs.

East on a random line bet. secs. 21 and 28

4,000 set temp 1/4 sec. cor.

79,60 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
Descending in timber

20,00 Foot of slope bears N 20° W and S 20° E; leave timber and
enter marshy meadow and dense undergrowth

20,14 Ditch 5 lks wide course S 20° E
23,70 " 3 " " " S.E.
25,56 " 6 " " " S.
28,10 " 4 " " " S.
29,05 " 6 " " " S

30,90 East Fork main stream 10 lks wide course S.

31,40 Trail bears N and S at foot of slope bears N and S
Begin ascent

32,75 Enter timber

39,80 Set a lava stone 26 x 14 x 9 ins. 19 ins. in the ground
for 1/4 sec. cor. marked 1/4 on N. face from which
An aspen tree 10 ins diam. bears S 78° 01' W. 70 lks dist.
marked 1/4 S. B.T.
An aspen tree 4 ins. diam. bears N 15° 10' E 38 lks. dist.
marked 1/4 S B.T.

78,70 Top of ridge 9.00 ft. above meadow bears N and S

79,0 [illegible] 20 - 1 - 8 9

Subdivision of T 25 S R 3 E

chains	Level mountainous slope and level creek bottom
	Soil in meadow loam 1st rate, balance rocky
	Timber aspen and pine of good growth
	Dense undergrowth of willow and weeds
	Mountainous land and dense undergrowth 79,60 chs.
	N 0° 3' W. bet. secs. 20 and 21
	Along broken ridge in timber
2,00	Descend on E. slope along ridge
4,00	Set a trachyte stone 18 x 9 x 8 ins. 12 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 34° 53' E 22 lks. dist. marked 1/4 S B.T.
	A pine tree 9 ins. diam bears S 44° 16' W 50 lks dist. marked 1/4 S.B.T.
42,00	Begin descent on broken slope N. E.
8,00	Set a lava stone 22 x 11 x 9 ins. 19. ins in the ground for cor. of secs 16-17-20 and 21 marked with 3 notches on S. and 4 notches on E edges from which
	A pine tree 5 ins. diam bears N 81° 10' E. 14 lks dist. marked T 25 S R 3 E S 16 B.T.
	A pine tree 6 ins diam bears S 16° 30' E 17 lks. dist. marked T 25 S R 3 E S 21 B.T.
	An aspen tree 5 ins diam bears N 17° 42' W 6 lks. dist. marked T 25 S R 3 E S 17 B.T.
	A pine tree 26 ins. diam. bears S 43° 15' W. 32 lks dist. marked T 25 S R 3 E S 20 B.T.
	Raised a mound of stones 2 ft. base 1½ ft. high W of cor. —
	This cor stands 800 ft. below cor. to secs. 20-21-28 and 29
	Land mountainous broken and clipping
	Soil rocky and gravelly 3rd scale
	Timber pine and aspens of good growth —
	Mountainous land 80,00 chs. —
	July 11 1895
	S 89° 54' E. on a random line bet. secs. 16 and 21
40,00	Set Mon.: 1/4 sec. cor.
79,92	Intersect N. and S. line at cor. to secs 15-16-21 and 22
	Thence 0 mile
	N 89° 54' W on a true line bet. secs. 16 and 21
	Descending on broken slope in timber
3.8.40	N ½ S

Subdivision of T 25 S R 3 E

chains

39,96 Set a lava stone 18 x 12 x 7 ins 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which
An aspen tree 10 ins. diam. bears. N 87° 20' E 1.60 lks. dist. Marked 1/4 S.B.T.
An aspen tree 11 ins diam bears. S 17° 5' W. 101 lks. dist. marked 1/4 S B.T.
Raised a mound of stones 2 ft. base 1½ ft. high N of cor.
This cor. stands on the N edge of a lava rock bed. 460 ft. below cor. to secs. 15-16-21 and 22

40,00 Enter lava bed bears N W and S E.

44,90 Fence bears N and S; creek 3 lks wide flows N 70° W from under lava bed

49,35 Leave lava bed and enter creek bottom 120 ft. below 1/4 cor.

49,56 East Fork 10 lks wide flows S

50,25 Trail bears N and S

54,00 Foot of slope bears N and S; a fence running E and W bears N about 6,00 chs.
Begin ascent on broken slope

55,00 Enter timber bears N and S

79,92 The cor. of secs. 16-17-20 and 21
This cor. stands 270 ft. above creek
Land mountainous
Soil rocky and gravely
Timber aspen and pine of good growth
Mountainous land 79,92 chs.

N 0° 3' W. bet. secs. 16 and 17
Descending in timber

12,00 Leave timber bears E and W.

20,40 Mountain road bears E and W. in bottom of saddle or draw bears E and W; thence over rolling broken surface ascending gradually

40,00 Set a lava stone 18 x 11 x 5 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

44,00 Top of ridge 60 ft. high bears E and W. thence descending

56,90 Foot of slope bears. N W and S.E.; enter creek bottom, and dense undergrowth
A spring 20 lks diam W. of line 20 lks. dist. flows N to creek

60,95 East Fork 11 lks. wide course S.E.

63,00 Leave creek bottom bears N W and S E and ascend gradually

8[illegible] Set a lava stone 21 x 10 x 7 ins 15 ins in the ground for

Subdivision of T 25 S R 3 E

chain cor. of secs. 8-9-16 and 17 marked with 4 notches on S. and 4 on E. edges; raised a mound of stones 2 ft. base 1½ ft. W. of cor. Pits impracticable.

Land mountainous slope, and level creek bottom
Soil in bottom gravely loam 1st rate ballance gravely rocky 6d rate
Timber aspen and pine
Dense undergrowth of willow weeds and sagebrush
Mountainous land and dense undergrowth 8,000 chs.

S 89° 54' E on a random line bet. secs. 9 and 16
4,00 Set temp 1/4 sec. cor.
79,66 Intersect N and S line. 25 lks. S of cor. of secs. 9-10-15 and 16
Thence I run
S 89° 55' W. on a true line bet. secs. 9 and 16
Descending on broken W. slope in timber
39,83 Set a a large stone 18 x 10 x 7 in. 12 in in the gro 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.
" No bearing tree of proper size within limits
48,00 Foot of W. slope and edge of timber; bears N and S; thence on rolling broken surface descending grade in dense undergrowth
79,66 The cor. of secs. 8-9-16 and 17
This cor. stands 530 ft below cor. to secs. 9-10-15 and 16
Land mountainous sloping and rolling
Soil gravely and stony 2d rate
Timber Aspen of small size and scattering pine
Dense undergrowth of sagebrush and thorn
Mountainous land and dense undergrowth 79,66 chs.

N 0° 0' W. bet. secs. 8 and 9
Over rolling surface, in dense undergrowth ascending
6,00 Top of spur sloping W to creek; bears E and W. 60 ft. high
Descend
11,10 Bottom of gulch 90 ft. deep course W.
Ascend
13,50 Enter aspen timber bears. E and W.
23,00 Top of ridge sloping W to creek, bears E and W. 150 ft. high

Subdivision of T. 25 S. R. 3 E.

chains	
28,16	Bottom of gulch 70 ft. deep course W.
	Ascend
31,80	Leave timber bears E and W.
40,00	Set a lava stone 24×12×7 inc. 12 inc. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	An aspen tree 5 inc. diam. bears N 17°2' W. 101 lks dist. marked 1/4 S B.T.
	An aspen tree 10 inc. diam. bears N 9°25' E 137 lks. dist. marked 1/4 S.B.T. - Raised a mound of stones 2 ft. base 1 1/2 ft. high W. of cor. -
41,00	Enter timber bears E and W.
50,20	Leave " " " " "
59,00	Top of spur running S.W to creek
63,00	Begin descent
71,00	Enter creek bottom bears N.E. and S.W.; thence ascending gradually in brush and weeds
80,00	Set a lava stone 18×12×9 inc. 12 inc 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 1 1/2 ft. high W. of cor. Pits impracticable. -
	Land mountainous rolling
	Soil gravely wash 2% rate
	Timber aspen, mostly small size and scattering pine.
	Dense undergrowth of sagebrush and thorn
	Mountainous land 8000 chs. -
	July 12: At this cor. I set off 21°57' N on the deel arc. and at 12h 5m p.m., l.m.t. observe the sun on the meridian the resulting lat. is 38°40'
	N 89°55' E on a random line bet. secs. 4 and 9
40,00	Set temp 1/4 sec. cor.
79,78	Intersect N. and S line 12 lks. N. of cor. of secs. 3-4-9 and 10
	Thence I run
	West on a true line bet. secs. 4 and 9
	Descending gradually in open gulch in dense undergrowth
3,10	Bottom of gulch course S.; begin gradual ascent.
9,30	Leave bottom of gulch and ascend on E slope. bears N. and S
	Leave dense undergrowth and enter timber
20,20	Top of ridge 140 ft. high bears N and S;
	Begin descent on steep broken slope
39,89	Set a lava stone 18×11×7 inc. 12 inc. in the ground for 1/4

Subdivision of T. 25 S R 3 E

chains sec. cor. marked 1/4 on N. face. from which
An aspen tree 4 in. diam. bears. S 11° 20' E. 22 lks.
dist. marked 1/4 S.B.T.
An aspen tree 5 in. diam bears. S 86° 22' W. 27 lks.
dist. marked 1/4 S.B.T.
44,80 Leave timber in head of draw. sloping S.W.: thence over rolling ground ascending
62,00 Top of ridge 80 ft. high course N.E. and S.W.
Descend to
76,50 Bottom of slope bears. N and S 1 enter creek bottom and dense undergrowth.
79,78 The cor. of secs. 4-5-8 and 9.
This cor stands 540 ft. below cor. to secs. 3-4-9 and 10
Land mountainous rolling and sloping
Soil gravely 2d and 3d rate
Timber aspen of small size and scattering pine
Dense undergrowth of sagebrush and weeds.
Mountainous land and dense undergrowth 79,78 chs.

N 0° 3' W. bet secs. 4 and 5
In creek bottom and dense undergrowth.
1,99 East Fork 10 lks. wide from N. turns S.W.
2,90 Leave creek turns N.E.: and begin ascent on S E slope
12,00 Top of spur running E to creek: 120 ft. high.
Begin descent
17,05 Bottom of gulch 35 ft. deep drains E.
Ascend
28,00 Top of spur sloping E 90 ft. high
31,00 Descend to
37,75 Enter creek bottom bears. N.W. and S.E.
40,00 Set a lava stone 18 x 12 x 7 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.
40,75 East Fork 10 lks. wide course S E
43,00 Leave creek bottom bears N W and S E, and ascend
48,35 Top of spur running W. to creek 90 ft above same: thence over rolling slope
61,20 mountain road bears. nearly E and W.
62,57 Top of slope: begin descent
The ranch house of Albert Stevens Jr. and others

Subdivision of T. 25 S. R. 23 E.

Chains	
63,20	Enters creek bottom bears N E and S.W.
64,00	Spring branch 4 lks. wide course S.W.
77,80	Stream 7 lks. wide course S. 20° W stones along creek
80,00	Intersect N. bdy. of Tp. 22,04 chs. S 89° 54' W. of cor. of secs. 32 and 33. -
	Set a lava stone 18 x 8 x 7 ins. 12 ins in the ground for closing cor. of secs. 4 and 5 marked CC on S. face with 4 grooves on E and 2 grooves on W. face; raised a mound of stones 2 ft. base 1½ ft. high S. of cor. Pits impracticable.
	This cor. stands on side of creek in dense willow brush land mountainous rolling; and creek bottom soil gravelly wash 1st and 2nd rate
	No timber - dense undergrowth of sagebrush and thorn, and willow along creek.
	Mountainous land and dense undergrowth 80,00 chs.
	July 12: at 4h 20m p.m. p.m.t. I set off 38° 36' on the bdy. arc and 21° 56' N on the deed arc and determine a true meridian with the solar at the standard cor. to secs. 31 and 32 on S. bdy of Tp.; which is a stone firmly set marked and witnessed as described by the surveyor general.
	Thence I run
	N. 0° 31' W bet. secs. 31 and 32. -
	Ascending gradually in aspen timber
1,00	Leave timber bears E and W.
7,50	Enter " " " " "
20,10	Top of ridge and ridge course S 70° W and N 70° E.
	Begin descent on steep broken slope
25,75	Bottom of gulch 150 ft. deep course N E
	Ascend
39,50	Top of gulch and spur running E W. view
40,00	Set a lava stone 18 x 8 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	A pine tree 24 ins. diam. bears S 9° 30' W. 52 lks dist marked 1/4 S B.T.
	A pine tree 18 ins. diam. bears N 35° 30' E 72 lks. dist. marked 1/4 S B.T.; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	Begin descent on rolling side hill N E.

Subdivision of T 25 S 12 E

Chains

61,50 Leave timber bears N W and S E; enter rock slide

72 40 Enter level river bottom bears N. W. and S.E thence in dense undergrowth over swampy meadow

76,60 Fremont or Dirty Devil River 50 lks with slow current course S.E.

80,00 Set a trachyte stone 26 x 9 x 6 ins. 18 ins. in a mound of stones 3 ft. base for cor. of secs. 29-30-31 and 32 marked with 1 notch on S and 5 notches on E. edges. –
Pits impracticable. –
Land mountainous rolling and sloping; and level river bottom
Soil gravely and rocky on slope 3d rate; bottom black loam 1st rate
Timber aspen of small size, and pine scattering
Dense undergrowth of weeds and willow
Mountainous land and dense undergrowth 80,00 chs.

July 12, 1895

East on a random line bet. secs. 29 and 32

40,00 Set temp 1/4 sec. cor.

79,90 Intersect N. and S. line 41 lks N. of cor. of secs. 28-29-32 and 33
Thence I run
N 89°42' W on a true line bet. secs. 29 and 32
Descending on steep rocky W slope in timber.

39,95 Set a lava stone 24 x 11 x 6 ins 18 ins. in a mound of stones 3 ft. base for 1/4 sec. cor. marked 1/4 on N. face.
Pits impracticable. – No bearing trees of proper size within lev. ch.

72,00 Bottom of slope bears N.W. and S.E.; enter swampy river bottom and dense undergrowth

79,90 The cor. of secs. 29-30-31 and 32
This cor stands 1160 ft. below cor of secs. 28-29-32 and 33
Land mountainous slope, and level bottom
Soil in bottom black loam 1st rate ballance rocky 4th rate
Timber aspen and pine scattering
Dense undergrowth of weeds and willow
Mountainous land and dense undergrowth 79,90 chs

West on a random line bet. secs. 30 and 31

40,00 Set temp. 1/4 sec. cor.

7 76 [illegible]

Chains	
	31 and 36. as heretofore described.
	Thence 9 links
	N. 89° 45' E. on a true line bet. secs. 30 and 31
	Descending on broken N.E. slope in scattering timber
33,76	Set a lava stone 18 x 9 x 7 in. - 12 in. 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 inspectable. -
70,10	Foot of slope bears N.W. and S.E. 790 ft. below cor. on
	W. bdy of Tp. + Enters swampy river bottom; heavy timber
71,31	Fremont River 50 lks. wide course S.E.
78,76	The cor. of secs. 29-30-31 and 32.
	Level mountainous and level river bottom
	Soil on slope rocky and gravelly ~~stratified~~ bottom 1st rate
	Timber aspen and pine bunchy and scattering
	Dense undergrowth of reeds and willow
	Mountainous land and dense undergrowth - 78,76 chs -

July 13. At 9h 35m a.m., 7 m.t. I set off 98° 37' in the sub. arc and 21° 49' N. in the dec. arc and determine a true meridian with the solar at cor. of secs. 29-30-31 and 32.

Thence 9 links

N. 0° 3' W. bet. secs. 29 and 30

In swampy river bottom, and dense undergrowth

5,85	Foot of slope bears N.W. and S.E.; heavy dense undergrowth -
	and aspens on broken surface
19,20	Enters timber bears E. and W.
46,00	Set a lava stone 18 x 10 x 5 in. - 12 in. in the ground
	for 1/4 sec. cor. marked 1/4 on W. face from which
	A pine tree 24 in. diam. bears N. 63° 45' E. 54 lks. dist.
	marked 1/4 S. 13 T.
	A pine tree 6 in. diam. bears N. 22° 10' W. 67 lks. dist.
	marked 1/4 S. 13 T. -
48,85	Road from Fish Lake to East Fork bears N.E. and S.W.
70,50	Fence bears E. and W. about 8 chs each way
80,00	Set a lava stone 18 x 12 x 9 in. - 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. ; from which
	A pine tree 5 in. diam. bears S. 35° E. 66 lks. dist. marked
	T. 25 S. R. 3 E. S. 29 B.T.
	An aspen tree 6 in. diam bears N. 5° 30' E. 70 lks. dist.
	marked T. 25 S. R. 3 E. S. 30 B.T.

Subdivision of T 25 S R 3 E

Chains An aspen tree 6 in diam. bears N 81° 50' W, 16 lks dist. marked T. 25 S. R. 3 E. S. 19 B. T.
No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high. W of cor.
This cor. stands on top divide between watersheds of river and East Fork in low saddle or pass and 570 ft. above cor. to secs 29-30-31 and 32
Land mountainous slope, and river bottom
Soil 1st rate in bottom, ballance gravely and rocky 3d rate
Timber aspen and pine
Dense undergrowth of weeds and willow
Mountainous land and dense undergrowth 80,00 chs - -

S 89° 42' E on a random line bet. secs. 20 and 29
4,00 Set temp 1/4 sec. cor.
8,00 Intersect N and S line 30 lks. S of cor. of secs. 20-21-28 and 29
Thence I run
N 89° 55' W on a true line bet secs. 20 and 29
Descending on rugged slope W in timber
40,00 Set a lava stone 24 × 11 × 6 in. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which a pine tree 5 in. diam. bears S 10° E 11 lks dist. marked 1/4 S B. T. -
No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high N of cor.
61,00 Foot of slope bears N and S 650 ft. below sec. cor.
Enter bottom of draw
68,00 Leave timber bears N and S and begin ascent
70,20 Road from Fish Lake to East Fork bears N, and S.
71,50 Enter timber bears N, and S.
80,00 The cor of secs. 19-20-29 and 30
This cor stands 100 ft. above bottom of draw
Land mountainous
Soil rocky and gravely 3d and 4th rate
Timber aspen and pine
Mountainous land 80,00 chs - -
July 13: At this cor. I set off 21° 48' 30" N on the deck arc. and at 12h 5m p.m., l.m.t. observe the sun on the meridian
The resulting lat. is 38° 38'

Subdivision of T 25 S R 3 E

Chains	
40,00	Set temp 1/4 sec. cor.
73,26	Intersect W. bdy. of Tp. 13 lks S of cor to secs 19-24 25 and 30 which is a stone firmly set marked and witnessed as described by the surveyor general. -
	Thence I run
	N 89°49' E on a true line bet. secs. 19 and 30
	Ascending on broken S.W. slope in timber
33,26	Set a lava stone 18 X 9 x 7 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 - -
	no bearing trees of proper size within limits -
36,00	Top of ridge sloping S to river, bears N 20° W. 580 ft. sec. cor.
	Begin descent on broken slope
73,26	The cor. of secs. 19-20-29 and 30
	This cor. stands 360 ft. below top of ridge
	Land mountainous
	Soil rocky and gravely 4th rate
	Timber aspen of small size, and pine scattering
	Mountainous land 73,26 chs. -
	N 0° 3' W bet secs. 19 and 20
	Descending gradually on rolling slope E. in timber
40,00	Set a lava stone 18 X 12 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	A pine tree 20 ins. diam. bears N 80° 5' E 6 lks. dist marked 1/4 S.B.T.
	A pine tree 14 ins. diam. bears West 27 lks. dist. marked 1/4 S.B.T.
60,00	Bottom of slope bears N.W. and S.E. enter lava bed in bottom of gulch 300 ft. below cor to secs 19-20-29 and 30
65,20	Begin ascent, bears E and W.; A spring 3 lks wide bears E 1.00 chs.
80,00	Set a lava stone 24 x 12 x 9 ins. 18 ins in the ground for cor of secs. 17-18-19 and 20 marked with 3 notches on S and 5 notches on E edges; from which
	A pine tree 28 ins. diam. bears S 15° 15' E 81 lks. dist. marked T 25 S R 3 E S 20 B.T.
	An aspen tree 7 ins. diam. bears S 29° 30' W. 39 lks. dist. marked T 25 S R 3 E. S. 19 B.T.

Subdivision of T 25 S R. 3 E.

chains marked T 25 S R. 3 E, S. 18 B.T.
No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. -
Land mountainous
Soil rocky and gravely 3d rate -
Timber aspen and pine of good growth -
Mountainous land 80,00 chs. -

S 89° 55' E on a random line bet. secs. 17 and 20
40,00 set temp. 1/4 sec. cor.
79,84 Intersect N and S line at cor to secs. 16-17-20 and 21
Thence I run.
N 89° 55' W on a true line bet. secs. 17 and 20
Descending on broken slope in timber
23,00 Leave timber at foot of slope, bears N. and S. 1 enter level bottom and dense undergrowth - 230 ft. below cor.
26,30 mountain road bears N 10° E and S 10° W.
39,92 set a lava stone 18 × 12 × 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. -
42,17 Road from Fish Lake to East Fork bears S. 20° W and N 20° E
65,00 Leave bottom of gulch and dense undergrowth - bears N and S and ascend
74,70 Enter timber bears. N and S
79,84 The cor. of secs. 17-18-19 and 20
This cor. stands 120 ft. above flat
Land mountainous and level bottom
Soil in bottom loam 1st rate ballance rocky and gravely 3d rate -
Timber aspen and pine of fair quality
Dense undergrowth on sagebrush and weeds -
Mountainous land and dense undergrowth. 79,84 chs -

S 89° 49' W. on a random line bet. secs. 18 and 19
40,00 set temp. 1/4 sec. cor.
73,90 Intersect W bdy of Tp. at cor of secs. 13-18-19 and 24
Thence I run N 89° 49' E on a true line bet. secs. 18 and 19
Ascending on broken slope in timber
15,50 Top of ridge 275 ft. above cor. course N 20° W and S 20° E
Begin descent
33,90

Subdivision of T 25 S R 23 E

chains	sec. cor. marked 1/4 on N face, from which An aspen tree 6 in diam bears N 11° W 21 lks dist. marked "1/4 S 13 T." An aspen tree 5 in diam bears N 80° 30' E. 32 lks. dist. marked 1/4 S 13 T."
7390	The cor. of secs. 17-18-19 and 20 This cor. stands 600 ft. below top of ridge land mountainous soil rocky & shale Timber pine and aspen of good growth Mountainous land 7390 chs. July 13, 1895

July 13: Near my camp which is located 20 chs. W. of cor. of secs. 8-9-16 and 17 T 25 S R 23 E, at 8h 30m P.M. L.M.T. I observe Polaris in accordance with instructions of the manual and mark a point in the line thus determined on a stake set firmly in the ground 5 chs. N. of my station. -

As true L.M.T. of obs. July 13	8h 30m
U.C. Polaris July 12, (17h 5' 5.6)	17 5' 5.6
Hour angle of Polaris at obs.	14 34.4
Time argument for Table II	9 21.7
Azimuth of Polaris at observation	0° 5' 9" E

July 13, 1895

July 14: At 6h 45m A.M. L.M.T. I lay off the azimuth of Polaris 0° 5' 9" to the west and mark the true meridian thus determined by driving a tack in a stake firmly set in the ground 5 chs. N of my station

At 7h 30m A.M. L.M.T. having first tested the adjustments of the Transit, I set off 38° 39' on the lat. arc and 21° 41' N on the decl. arc and determine a true meridian with the solar; and marking a point in the same on the stake already set 5 chs. N of my station I find it to agree with the meridian established by observation on Polaris without material difference and thereby conclude the instrument is in proper adjustment

July 14: At 8h 0m A.M. L.M.T. I set off 38° 38' 30" on the lat. arc and 21° 41' N on the decl. arc and determine a

Subdivision of T 25 S R 3 E

Chains	19 and 20 -
	Three 9 inch
	N 0° 3' W. bet. secs 17 and 18
	Ascending gradually on broken & slope in timber
3,50	Top of spur running E. 35 H. above sec cor.
4,00	Set a lava stone 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. - Tree inaccessible no bearing trees of proper size within limits
8,00	Set a lava stone 24 x 11 x 5 ins. 18 ins in the ground for cor of secs. 7-8-17 and 18 marked with 4 notches on S. and 5 notches on E. edges from which -
	An aspen tree 10 ins. diam. bears S 48° 28' E 19 lks. dist. marked T. 25 S R 3 E S 17 B.T.
	An aspen tree 10 ins. diam. bears S 84° 15' W. 34 lks. dist. marked T. 25 S R 3 E. S 18 B.T.
	An aspen tree 4 ins. diam bears N 10° 10' W. 23 lks dist. marked T 25 S R 3 E S 7 B.T.
	An aspen tree 9 ins. diam bears N 80° 30' E 75 lks dist marked T. 25 S R 3 E S 8 B.T.
	Level mountainous broken and closing
	Soil gravely 3rd rate
	Timber aspen, of small size mostly, and scattering pine. -
	Mountainous land 8,00 chs -
	S 89° 55' E on a random line bet. secs. 8 and 17
4,00	Set limp 1/4 sec. cor.
8,00	Intersect N and S line 12 lks S. of cor. to secs. 8-9-16 and 17
	Three 9 inch
	West on a true line bet. secs. 8 and 17
	Descending gradually in dense undergrowth -
3,40	Enter creek bottom bears N W and S E.
23,00	East Fork 10 lks. wide from W. course S. E.
24,60	" " " " " " N. W. course E; leave creek and ascend gradually on rolling surface
27,25	Stream 4 lks wide course S. E.
29,20	" 5 " " " " "
34,40	The ranch house of Albert Stevens bears North 4,00 chs.
	Enter coral bears N and S
40,00	

Subdivision of T 25 S 12 3 E

chains	
	This open rolling creek bottom is known as U. Th. Valley
35,70	Road from Fish Lake W. East Fork bears N and S
40,00	Set a lava stone 18×12×7 in. 12 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
52,05	Begin ascent on E slope
53,40	Enter timber; leave dense undergrowth
80,00	The cor. of secs. 7-8-17 and 18
	Land mountainous rolling slope, and creek bottom
	Soil gravely vash 1st and 2nd rate
	Timber aspen of small size. -
	Dense undergrowth of sagebrush willow and weeds
	Mountainous land and dense undergrowth - 80,00 chs
	S 89° 49' W on a random line bet. secs. 7 and 18
40,00	Set temp. 1/4 sec. cor.
73,32	Intersect W. bdy. of Tp. 33 lks. S of cor of secs. 7-12-13 and 18
	Thence I run S 89° 57' E on a true line bet. secs 7- and 18
	Descending on broken slope facing E; in timber
33,32	Set a trachyte stone 18×11×6 ins 12 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. -
	This cor. stands in dry fallen timber 5-20 ft. below cor. of 7-12-13 and 18
73,32	The cor. of secs. 7-8-17 and 18
	Land mountainous steep broken slope
	Soil rocky and gravely 3d rate
	Timber aspen and pine of fair growth -
	Mountainous land 73,32 chs -
	N 0° 3' W bet. secs. 7 and 8
	Over rolling slope in aspen timber and brake
18,85	Fence bears E. and W. I runs W. about 25 chs to lava slide and E. about 45 chs, turns N
22,80	Stream 2 lks wide course E
40,00	Set a a lava stone 18×9×8 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

Subdivision of T 25 S R 3 E

Chains	
46,55	Stream 3 lks. wide course E
64,50	Stream 4 lks. wide course E
87,00	Set a lava stone 24×14×7 ins. 18 ins. in the ground for cor. of secs. 5-6-7 and 8 marked with 5 notches on S and E edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. — Pits impracticable
	Land mountainous, broken rolling slope
	Soil gravely and rocky 3rd rate
	Timber aspen of small size, and scattering pine trees
	Mountainous land 87,00 chs.
	Note: The sky being overcast during the noon hour I was unable to observe the sun while on the meridian July 14.
	East on a random line bet. secs. 5 and 8
4,70	Set temp. 1/4 sec. cor.
70,90	Intersect N. and S. line at cor. of secs. 4-5-8 and 9.
	Thence I run
	West on a wire line bet. secs. 5 and 8
	On creek bottom in dense undergrowth
1,90	East Fork 10 lks. wide course S.W.
1,90	Leave creek bottom and ascend over rolling ridges
32,00	Road from Fish Lake to East Fork. bears N. and S.
32,42	Fence bears N. and S.; runs S. about 3/4 mile and turns W. and N. about same distance
39,00	Begin ascent on mountain slope bears N. and S.
39,95	Set a lava stone 22×14×10 ins. 17 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
47,20	Top of ridge bears N. and S.
	Descend
51,50	Bottom of dry gulch 5 ft. deep course S.
	Ascend
53,50	Enter aspen timber, — leave dense undergrowth
76,90	Stream 4 lks wide course S 25° E
79,90	The cor. of secs. 5-6-7 and 8
	Land mountainous rolling and sloping
	Soil gravely wash 1st and 2nd rate
	Timber aspen brake; sagebrush and thorn undergrowth
	Mountainous land and dense undergrowth 79,90 chs.

Subdivision of T 25 S R 3 E

Chains	
	N 89° 57' W. on a random line bet. secs. 6 and 7.
40,00	Set temp. 1/4 sec. cor.
73,16	Intersect W. bdy of T 2 S. 8 chs. N of cor of secs. 1-6-7 and 12
	Thence North
	East on a true line bet secs. 6 and 7
	Descending in timber on broken E. slope
33,16	Set a lava stone 26 x 12 x 5 ins. 21 ins. in a mound of stones 3 ft. base for 1/4 sec. cor. marked 1/4 on N face
	from which
	A pine tree 36 ins. diam. bears S 80° E. 17 lks. dist.
	marked 1/4 S B.T.
	A pine tree 6 ins. diam. bears N 74° E 12 lks. dist.
	marked 1/4 S.B.T.
48,00	Leave pine timber, enter aspen brake
73,16	The cor. of secs. 5-6-7 and 8
	This cor. stands 1100 ft. below cor of secs. 1-6-7 and 12
	Land mountainous, steep broken slope
	Soil rocky and gravely 3d sale -
	Timber pine and aspen: pine mostly heavy growth -
	Mountainous land 73,16 chs:

	N 0° 3' W. bet. secs. 5 and 6.
	Over rolling broken slope. E. in aspen brake
3,67	Stream 4 lks wide course S. E.
26,26	" 3 " " " E
30,60	" " " " " " .
40,00	Set a lava stone 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: -
80,24	Intersect N. bdy. of T 2. 21,60 chs. S 89° 54' W. of cor. of secs. 31 and 32
	Set a hachyte stone 24 x 14 x 9 ins. 18 ins. in the ground for closing cor. of secs. 5 and 6 marked CC on S face with 1 grove on W and 5 groves on E faces. raised a mound of stones 2 ft. base 1½ ft. high S of cor.
	Pits impracticable. -
	This cor. stands in dense aspen brake on E slope.
	Land mountainous, rolling slope
	Soil gravely 2d sale -
	Timber aspen of small size, very dense
	Mountainous land 80,24 chs.

Subdivision of T. 25 S R 23 E

General Description

This township is all mountainous land with the exception of a few narrow valleys or gulches which has a rich soil and produce an abundance of hay but owing to the great elevation will not mature crops. The mountainous part is all covered more or less with bowlders but is very fertile, producing nutritious grasses and furnishes excelent pasture everywhere —

The township is to great extent covered with a healthy growth of timber, mainly pine and aspen of which the pine timber is of large growth and very valuable. —

There are no mines nor quarries in the township nor did I observe any croppings nor other indications of mineral of any kind. — The overlying rock formation is everywhere a black lava and the entire surface shows much evidence of glacial action. —

The western portion of the township is well watered by the Fremont River and its tributaries. —

There are three ranches located in this township all of which are used as summer dairy and hay ranches. — The improvements in each case consisting of cabin corals and some fence. — These fences are built from one hide or break to the next one and as these breaks extend for many Miles and are impassable by stock the entire township is in fact fence in and divided off by a couple of miles of fence. —

Chas Longee, applicant for survey of this township is part owner in the ranch with Albert Stevens Jr. in secs. 5 and 8 as is also Bennet Maxfield each of which entered to locate seperate filings when the land shall become open to entry

Albert Stevens has a ranch in secs 8 and 17 upon which the application for survey was based and applicant for survey of this Tp Jas. E. McClelland has a ranch in secs 33 and 34. —

The claim of Henry Newell located in secs. 8 and 17 was bought by Albert Stevens and D.S. 2783 has been

Subdivision of T 25 S R 3 E

was made —
D E 2300 by Albert Stevens Jr is located in sec. 28
I was unable to find any location monument —
Andrew P Hanson
U.S. Deputy Surveyor

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15 0 ames.

A list of the names of the individuals employed by Andrew P Hansen, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the subdivision lines of Tp 24 S R 3 E

of the Salt Lake Base and Meridian, in Utah, showing the respective capacities in which they acted:

Andrew F Riefen Chainman
Wm H Trone "
Joshua Gardner Aseman
Wm P McKeever Flagman

Final Oath of Assistants:

We hereby certify that we assisted ....., U. S. Deputy Surveyor, in surveying all those parts or portions of the ..... Meridian, ..., as 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 U. S. Surveyor General for .....

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

SEAL

6—121

Final Oath of U. S. Deputy Surveyor.

I, _____, U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions received from _____, U. S. Surveyor General for _____, bearing date of the _____ day of _____, 18 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for _____, the surveying manual, and the laws of the United States, surveyed all those parts or portions of _____

_____

_____

_____

_____

_____ Meridian, in the _____, as 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 surveying manual, printed instructions, the special written instructions of the U. S. 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.

_____

U. S. Deputy Surveyor.

Subscribed and sworn to before me this _____ day of _____, 18 .

SEAL

_____

_____

Approval.

Office of the U. S. Surveyor General,

Salt Lake City, Utah May 23rd, 1896

The foregoing field notes of the survey of the Subdivisions of Townships 26 South Range 3 East of the Salt Lake Base & Meridian Utah

_____

_____

_____

_____

_____

_____ executed by

Andrew P. Hansen

under his Contract No. 198, dated March 4th, 1895, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George W. Sutton

U. S. Surveyor General.

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

_____

U. S. Surveyor General.

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K.F.B.

BOOK A-239

FIELD NOTES

OF THE SURVEY OF

South East and North Boundaries

of

Township No 27 South Range No 3 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Andrew P Hanson, U. S. Deputy Surveyor,

Under his Contract No. 198, dated March 4th, 1895.

Survey commenced May 6th, 1895.

Survey completed May 9th, 1895.

(8630—2,000.) 6—151

12 75 44

Names and Duties of Assistants.

Andrew F. Rieken	Chainman
Wm N. Trone	Chainman
Joshua Gardner	Axeman
Wm P. McKeever	Axeman
Ray Davis	Flagman

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BOOK A-239

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31	32	33	34	35	36

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Preliminary Oaths o[illegible] ssis an s.

We, Andrew F. Riepen Wm H Trone
and G S Forsyth

do solemnly swear that we will well and faithfully execute the duties of chain carriers; 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 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 South, East and North boundaries of Tp 27 S R 3 E; South and West boundaries of Tp 27 S R 2 E; East boundary of Tp 26 S R 3 E; East and North boundaries of Tp 25 S R 1 E; East and North boundaries of Tp 25 S R 2 E; North boundary of Tp 25 S R 3 E; East and North boundaries of Tp 25 S R 5 E; East boundary of Tp 24 S R 1 E; and East and North boundaries of Tp 24 S R 2 E of the Salt Lake Base and Meridian in Utah Territory

Andrew F. Riepen, Chainman.
Wm H Trone, Chainman.
G. S. Forsyth, Chainman.
, Chainman.

Subscribed and sworn to before me this sixth day of May, 1895.

Andrew P Hanson
U.S. Deputy Surveyor

We, Joshua Gardner Wm P McKeever
and Ray Davies

do solemnly swear that we will well and truly perform the duties of axemen and flagmen in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the South, East and north boundaries Tp 27 S R 3 E. South and West boundaries of Tp 27 S R 2 E; East boundary Tp 26 S R 3 E; East and north boundaries of Tp 25 S R 1 E; East and North boundaries of Tp 25 S R 2 E; North boundary of Tp 25 S R 3 E; East and North boundaries of Tp 25 S R 5 E; East boundary of Tp 24 S R 1 E; and East and North boundaries of Tp 24 S R 2 E of the Salt Lake Base and Meridian in Utah Territory

Subscribed and sworn to before me this sixth day of May, 1895.

Joshua Gardner, Axeman.
Wm P. McKeever, Axeman.
Ray Davies "

Andrew P Hanson
U.S. Deputy Surveyor

To the Surv. Surveyor General

Sir:

Throughout these notes I have omitted carrying out the form of the Manual as far as giving the difference in observed latitude and true latitude at any given observation.- My reason for this is that the absolute correct latitude is not known, and to assume the latitude as calculated from the Salt Lake Base is not reliable; I have at various times measured portions of the Salt Lake Meridian and I know the same to be deficient in measurement by at least 1/8 of a mile and this would of necessity make a difference in lat. — and further — my instrument could only be read minutes or possibly 1/2 minute (by using a magnifying lens) and a reading must of course of necessity mean nearest full minute more or less and to state fractions of minute of error under these conditions is guesswork. —

Andrew P. Hansen
U. S. Dep. Surv.

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Hon. Surveyor General for Utah

Sir:

Under my present survey Contract, No 198 I personally administered the preliminary oaths to my assistants, as I am authorized to do under certain conditions (Man. of Sur. Inst. art. 11 P64) and in connection therewith I have the honor to state: that when I arrived with my party at Loa the County seat of Wayne Co. and the place where the survey was to commence; after a hard trip of 3 days duration by wagon road, from the rail road terminus; I learned that the County Clerk and only person in the county having a seal was absent on a Cattle round-up in the Henry Mountains and not expected back for 2 weeks or more: and the Justice of the Peace being also absent in the southern part of the Territory and not expected back some time I concluded to avail myself of the authority vested in a Deputy Surveyor under such circumstances and thereby save much delay and additional expence. ——

Yours Very Respectfully
Andrew P Hansen
U.S. Deputy Surveyor

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South boundary of T. 27 S., R. 3 E.

Chains Survey commenced May 6, 1895, and executed with a W. & L. E. Gurley light mountain transit No. 7 with solar attachment. — The horizontal limb is provided with two double verniers placed diametrically 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 in University Park Salt Lake City found correct and was approved by the surveyor general for Utah March 16, 1895. —

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:

At the cor. to secs. 2-3-34 and 35 on south boundary of Tp. 27 S. R. 3 E. latitude 38° 25' N longitude 111° 36' W.: I set off 51° 35' (Co. Lat. measured from zenith) on the lat. arc; 16° 41' N. on the decl. arc; and at 8h 33m p. m. L. m. t. determine with the solar a true meridian: and mark a point thereof on a stake set firmly in the ground 4.50 chs. N. of the cor.

At 10h 20m p. m. L. m. t. (my watch was carefully adjusted before leaving Salt Lake City and upon my return after 2 months absence found to be less than 2m. in error, for which being anticipated, due allowance was constantly made) I observed Polaris at its lower culmination (using the star, ε, Ursa Majoris as a check on my watch, in accordance with Manual of Instructions. — The line thus found coincides without any material difference with the line previously determined by solar observation and marked upon a stake 4.50 chs. N. of cor.

May 6, 1895 —

May 7; at 8h 15m a. m. L. m. t. I set off 51° 35' N. on the lat. arc; 16° 53' N. on the decl. arc

South boundary of T 27 S R 3 E

Chains	The line thus found coincides without material difference with the line previously determined and marked on a stake 4.50 chs. N. of the cor. — The solar apparatus by p.m. and a.m. observations defines positions of true meridians as established by Polaris observations therefor I conclude the adjustments of the instrument to be perfect. The magnetic bearing of the true meridian at 8h 30m a.m. is N. 16°31' W.; the angle thus determined reduced by the table page 100, gives the mean mag. decl. 16°27' E.
	I begin at the cor. to secs. 2-3-34 and 35 on S. bdy. of Tp 27 S. R 3 E which is a stone firmly set marked and witnessed as described by the surveyor general
	Thence I run
	East bet. secs. 2 and 35
	Ascending on western slope of Thousand Lakes Mts.
7,00	Enter scattering timber, bears N and S
40,00	Set a black lava rock 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 stones 2 ft. base 1½ ft high N. of cor.
	A pinion tree 10 ins. diam. bears N. 45° W. 34 lks. dist. marked 1/4 S B.T.
	A pinion tree 6 ins. diam. bears S 13°50' E 26 lks. dist. marked 1/4 S.B.T.
	This cor. is on a ridge 200 feet high course N.W. and S.E.
	Thence descending gradually on broken slope facing N.E.
61,80	Bottom of gulch 90 feet deep cours N.W.
	Ascending steep slope
76,00	Top of ridge 230 feet high course N W and S E. —
	Leave timber and ascend on slope facing N
80,00	Set a black lava rock 18 x 10 x 8 ins. 12 ins. in the ground for cor. to secs. 1-2-35 and 36 marked with 5 notches on W. and 1 notch on E. edges: raised a mound of stones 2 ft. base 1½ ft high W. of cor. —
	Pits impracticable
	This cor. stands on slope facing N. to gulch, about 600 feet above cor. to secs. 2-3-34 and 35
	Land mountainous rough and broken
	Soil rocky and gravely 4th rate
	[illegible]

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South boundary T. 27 S. R. 3 E.

chains. Mountainous land 80.00 chs.

East bet. secs. 1 and 36
Ascending on slope facing N.
13.90 Entered timber
24.00 Begin steep ascent in loose sand and clay, slope facing W.
25.50 Spring branch 2 lks. wide course N.W.
40.00 A spruce tree 6 ins. diam. for 1/4 sec. cor. I mark 1/4 S. on N. side, from which
A pine tree 6 ins. diam. bears N 85° E. 8 lks. dist. marked 1/4 S B.T.
A spruce tree 7 ins. diam. bears S 76° W. 22 lks. dist marked 1/4 S.B.T.
This cor. stands on slope facing N. about 800 feet above last sec. cor.
Descending gradually on slope facing N in gulch
44.90 Drag road in bottom of gulch 100 feet desk course N 65° W
51.00 Begin steep ascent on slope facing W.
68.00 Leave timber
80.00 Set a lava rock 18 x 12 x 10 ins. 12 ins. in the ground for cor. to Tps. 27 and 28 S. Rs. 3 and 4 E. marked 27 S. on N.E; 4 E. on S.E.; 28 S. on S W. and 3 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
This cor. stands on the western slope of three sand lakes mile and about 1400 feet above last sec. cor.
Land mountainous very rough and broken
Soil sandy and rocky 4th rate
Timber aspen, and pine of good quality but scattering 54.10 chs. —
Mountainous land 80.00 chs. —
May 7: at this cor I set off 16° 55' E on the decl. arc; and at 11h 56m a.m. z.m.t I observed sun on the meridian; the resulting lat. is 38° 25' N. —

From the cor. to Tps. 27 and 28 S. Rs. 3 and 4 E as described above.
I run

East boundary T. 27 S. R. 3 E.

Chains	
	Descending on slope facing N. W. in aspen brake
12,50	Stream 5 lks. wide, clear good water, flows W. in
	of gulch 300 feet below T/p cor. - ascending moraine ridges
21,00	Leave brush and brake and enter timber
26,70	Begin ascent of steep rocky slope facing S
40,00	Set a lava stone 18 X 12 X 7 ins. 12 ins. in the g
	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.
	A cedar tree 12 ins. diam. bears S. 84° 30' E. 29 lks.
	dist. marked 1/4 S. B. T.
	A pinion tree 9 ins. diam. bears N 62° W. 35 lks.
	dist. marked 1/4 S. B. T.
	This cor. stands about 530 feet above the bottom
	of the gulch on slope facing S.
55,00	Leave timber
55,70	Enter top of ridge course E and W; sloping W from
	top of mountains about 370 feet above last 1/4 sec. cor.
	Descending gradually on broken slope facing W.
56,90	Enter timber and brake
69,00	Leave " " "
70,00	Enter heavy pine timber
80,00	Set a lava stone 24 x 12 x 8 ins. 18 ins. in the ground
	for cor. to sec. 25 - 30 - 31 and 36 marked mile - 1 notch
	on S. and 5 notches on N. edges.: from which
	A pine tree 13 ins. diam. bears N 13° 30' E 56 lks.
	dist. marked T 27 S R 4 E S 30 B T
	A pine tree 14 ins. diam. bears N 4° 15' W. 60 lks.
	dist marked T 27 S R 3 E S 25 B. T.
	A pine tree 9 ins. diam. bears S 57° 25' E 23 lks.
	dist marked T 27 S R 4 E S 31 B. T.
	A pine tree 16 ins. diam. bears S 81° 10' W 19 lks.
	dist. marked T 27 S R 3 E S 36 B. T.
	This corner stands on the western slope of Three
	-saned Lakes Mile about 750 feet above cor. to Tps.
	27 and 28 S Rs 3 and 4 E. —
	Land mountainous. —
	Soil gravelly, sandy, and rocky 4th rate
	Timber, pinion and mountain mahogany on S.
	side of ridge — on N. side aspen of small size
	but very dense and the last 10,00 chs. heavy
	pine of fine quality
	Mountainous Land 8 c s.

East boundary T. 27 S. R. 3 E.

Chains

North bet. secs. 25 and 30
Descending gradually on broken slope facing W. in timber

26,50 Spring branch 3 lks. wide flows W.

40,00 Set a lava stone 18 x 14 x 4 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.
An aspen tree 7 ins. diam. bears S 43° E 20 lks. dist. marked 1/4 S.B.T.
An aspen tree 8 ins. diam. bears S 78° 30' W. 7 lks. dist. marked 1/4 S.B.T.

80,00 Set a lava stone 18 x 11 x 9 ins. 12 ins. in the ground for cor. to 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.
A pine tree 9 ins. diam. bears S. 53° 30' W. 35 lks. dist. marked T 27 S R 3 E S. 25 B.T.
A pine tree 5 ins. diam. bears N 63° W. 13 lks. dist. marked T 27 S R 3 E S 24 B.T.
A pine tree 8 ins. diam. bears S 2° 30' E 23 lks. dist. marked T 27 S R 4 E S 30 B.T.
A pine tree 10 ins. diam. bears N 29° 10' E 15 lks. dist. marked T 27 S R 4 E S 19 B.T.
This cor. stands on the western slope of Timber Lakes mtn. about 530 feet below cor. to secs. 25-30-31 and 36. —
Land mountainous broken and sloping
Soil gravelly and rocky 4th rate
Timber pine and aspen of fair quality
Mountainous land 80,00 chs. —
May 7: at this cor. O set off 57° 33' on the lat. arc and 16° 38' on the decl. arc and 4 P.M. L.M. to determine the true meridian with the solar. —

North bet. secs. 19 and 24
Descending gradually on broken slope facing W. in aspen and pine timber and undergrowth —

8,65 Stream 4 lks. wide, pure water course W.

1-50

East boundary T. 27 S. R. 3 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.
76,10	Stream 2 lks. wide course W. enter swamp.
74.05	" 4 " " " " in gulch 50 feet deep
76,00	Leave swamp
80,00	Set a lava stone 18 x 11 x 5 ins. 12 ins. in the ground for cor. to secs. 13-18-19 and 24 marked with 3 notches on S. and N. edges; from which
	A pine tree 6 ins. diam. bears N 21°30' W. 6 lks. dist. marked T 27 S R 3 E S 13 B.T.
	A pine tree 9 ins. diam. bears N 41°15' E 29 lks. dist. marked T 27 S R 4 E S. 18 B.T.
	A pine tree 6 ins. diam. bears S 59°10' E 88 lks. dist. marked T 27 S R 4 E S 19 B.T.
	A pine tree 7 ins. diam. bears S 59° W 64 lks. dist. marked T. 27 S. R. 3 E. S. 24 B.T.
	This cor. stands on the western slope of Thousand Lakes Mts. about 500 feet below cor. to secs. 19-24-25 and 30.—
	Land mountainous, very broken
	Soil gravely and rocky 3d rate excepting swamp
	Timber aspen mostly of small size and scattering pine; willow brush in swamp.
	Mountainous land 80,00 chs.
	May 7/1895
	May 8; at 7 a.m. l.m.V. I set off 51°32'30" on the lat. arc and 17°07' on the decl. arc; and determine a true meridian with the solar.-
	Thence I run
	North bet. secs 13 and 18
	Descending on broken slope facing W. in scattering pine timber
31,05	A low pine tree 36 ins. diam. on line marked 2 notches on N S ends
40,00	Set a trachyte stone 18 x 12 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.—
51,70	Edge of cañon, begin descent of steep slope facing N.
54,20	Enter bottom of cañon course nearly W. 100 ft. deep
56,40	Dry wash " " "
	Leave bottom of cañon and ascend

East boundary T 27 S R 3 E

chains.

66,80 Irrigating ditch 2 lks. wide course N 75° W

75,50 Top of canon and ridge course nearly E and W about 75 feet above dry wash. —
Descending gradually on broken slope facing W.

8,00 Set a lava stone 22x12x9 ins. 17 ins. in the ground for cor. to secs. 7–12–13 and 18 marked with 4 notches on S. and 2 notches on N. edges from which
A cedar tree 13 ins. diam. bears S 43° 35' W. 66 lks. dist marked T 27 S R 3 E S 13 B T. ✓
No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. ✓
This cor. stands in the foothills of Thousand Lake mtn. about 538 feet below cor. to secs. 13-18-19 and
Land mountainous broken and sloping. —
Soil gravelly and stony. 3d rate. —
Timber a few scattering pine. —
Mountainous land 8,00 chs. —

North bet. secs. 7 and 12
Descending gradually on broken slope facing W.

2,097 Stream 3 lks wide, good water course N 70° W in 3rd 30 feet deep at foot of mountains; thence over rolling foothills descending gradually int. scattering timber

33,03 A pine tree 4 feet diam on line marked 2 notches on N & S sides

40,00 Set a lava stone 20x10x7 ins. 15 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. —
This cor. stands on ridge sloping W from mountain

60,00 Henry Albrecht's log cabin bears S 66° 30' W. 1040 chs. distant. —

80,00 Set a lava stone 18x12x9 ins. 12 ins. in the ground for cor. to secs. 1–6–7 and 12 marked 5 notches on S and 1 notch on N. edges; from which
A cedar tree 13 ins. diam. bears N 62° 5' E. 8 lks. dist. marked T 27 S R 4 E S 6 B.T. —
A pine tree 14 ins. diam. bears N 25° W. 20 lks. dist. marked T 27 S R 3 E S. 1 B.T. ✓ —
A cedar tree 14 ins. diam. bears S 65° 30' W 16 lks.

chains	a cedar tree 12 ins. diam. bears S 24° 25' E. 29 lks. dist. marked T 27 S R 4 E S 7 B.T. —
	This cor. stands in the foot hill of Thousand Lakes mtn. about 250 feet below cor. to secs. 7-12-13 and 18
	Land mountainous, broken and rolling
	Soil gravely and stony 3d rate
	Timber pinion, cedar and pine, scattering and of small size. —
	Mountainous land 80,00 chs. —
	North bet. secs. 1 and 6
	Descending gradually over rolling foothills in pinion timber
16 56	Road from Horse Valley to Castle Valley course S W and N. E. on top of low ridge
19,86	Stream 3 lks wide flows S. W. in wash 30 ft deep.
25 08	Road from Rabbit Valley to Castle Valley course nearly E and W
40,00	Set a lava stone 18 x 10 x 9 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 inaccessible
54,60	Leave timber, enter sloping bench and dense undergrowth. —
80,00	Set a temporary cor. to Tps. 26 and 27 S. Rs. 3 and 4 E
	Land mountainous, broken foothills and sloping bench. —
	Soil gravely and stony 2d rate
	Timber, pinion and cedar scattering 64,50 chs. —
	Mountainous land and dense undergrowth 8,00 chs.
	May 8: at this cor. O set off 17° 11' on the declination: and at 11h 56m a. m. L. M. T. observed the sun on the meridian the resulting lat is 38° 30' N.
	From the temp. cor. to Tps. 26 and 27 S Rs. 3 and 4 E as above described O run West on a random line along the N. bdy. of Tp 27 S. R. 3 E setting temp. 1/4 sec and sec. cors. at intervals of 40,00 chs. and at 475.44 chs. intersected the Fremont Valley Guide Meridian 30 lks N. of cor. to Tps 26 and 27 S. R. 2 E. this a)

North boundary T. 27 S. R. 3 E.

Chains	
	trachyte stone firmly set marked and witnessed as described by the surveyor general. —
	The falling answers to a correction of 0°02' or 5 lks. S. per mile counting from the N. E. cor. of the Tp.; therefor I run
	N 89° 58' E bet. secs. 6 and 31
	Descending gradually on broken rocky plateau in scattering timber
35,44	Set a lava 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 stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable. —
42,94	Edge of canon, descending on steep rocky slope
52,70	Enter bottom of canon draining S thence among huge bowlders and fantastic crags and cones. of glacial origin about 470 feet below plateau
57.40	Ascending steep slope of broken granite
60,30	Top of narrow reef or ledge course N. and S. about 100 feet high; thence descending
65,90	Bottom of narrow canon about 300 feet deep course nearly S.
66,25	Begin ascent
74,50	Top of rocky ridge course S 30° W. — Descending
75,44	On ledge of rock 30 feet below top of ridge. — Set a granite stone 18 x 12 x 7 ins. 12 ins. in the ground for cor. to secs. 5-6-31 and 32 marked with 1 notch on W. and 5 notches on E. edges; from which
	A pinion tree 16 ins. diam. bears N. 67° E. 40 lks. dist. marked T. 26 S. R. 3 E. S. 32 B T
	A pinion tree 9 ins. diam. bears S 69° 5' E 42 lks. dist. marked T. 27 S. R. 3 E. S. 5 B. T.
	A mountain mahogany tree 14 ins. diam. bears S. 32° 8' W. 87 lks. dist marked T 27 S R 3 E. S. 6 B. T
	Perpendicular cliff 6 feet high marked + 4 feet above ground N. 66° 10' W. 5 lks. from cor. for bearing object and T 26 S R 3 E S 31 B.O.
	Land mountainous, rocky plateau and canons
	Soil gravely and rocky 4th rate
	Timber pinion and cedar scattering
	Mountainous land 75.44 chs.

May 8 / 1895

North boundary T 27 S R 3 E.—

chains	
	May 9: At 8h 10m l.m.t. I set off 51° 30' on the lat. arc; 17° 24' on the decl. and determine a true meridian with the solar at the cor. to of secs. 5-6-31 and 32
	Thence I run
	N 89° 58' E bet. secs. 5 and 32
	Descending in granite cliffs
1,00	Head of canon draining S. — thence ascending
2,10	Top of sharp granite ridge about 50 feet high course N and S
	Descending on rocky broken slope
9,00	Foot of broken slope descending gradually
9,60	Wood road from Rabbit Valley to Fish Lake Mts course N. and S.; thence on broken slope facing N. ascending
32,50	Top ridge N. and S, sloping N. from ridge about 10 chs. S of line; thence descending on slope facing N. among high granite bowlders of glacial origin
38,00	Leave bowlders.—
40,00	Set a lava stone 18 x 12 x 10 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 in N. face from which A cedar tree 12 ins. diam. bears. S 5° W. 70 lks. dist. marked 1/4 S B.T. no other trees within proper limits — raised a mound of stones 2 ft. base 1½ ft. high N. of cor.
80,00	Set a lava stone 18 x 11 x 7 ins. 12 ins. in the ground for cor. to 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.
	Land mountainous, broken and rolling
	Soil rocky, and gravely wash 4th rate
	Timber, a few scrub pine and cedar scattering
	Mountainous land 80,00 chs.—
	N 89° 58' E bet. secs. 4 and 33
	Descending on slope facing N. to gulch
40,00	Set a lava stone 22 x 12 x 7 ins. 16 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.—
72,75	Bottom of dry gulch from W. turns S, thence ascending
80,00	Set a lava stone 18 x 14 x 9 ins. 12 ins. in the ground for cor. to 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.—
	Pits impracticable.—

North boundary T 27 S. R 3 E

chains	
	This cor. stands on top of a ridge running N and S and about 150 feet above bottom of gulch. — Land mountainous broken and rolling Soil stony and gravely 3d rate no timber Mountainous land 80,00 chs. —
	N 89° 58' E bet. secs. 3 and 34 Descending broken slope facing E. —
9,25	Bottom of gulch about 100 feet deep course S 25° E ascend
14,00	Top ridge S. from plateau thence descending steep rocky slope of Fremont River canon
40,00	Set a lava stone 18 x 11 x 8 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 the side of the canon facing E. about 600 feet below the top.
50,90	Bottom of steep descent. — canon road from Rabbit Valley course N 20° E. — Thence descending gradually
51,13	Right bank of Fremont or Dirty Devil River in bottom of canon about 1000 feet deep, course S 20° W. having a rapid current about 2 ft deep, clear and of excellent quality
51,44	Left bank of river. — Center swampy bottom
54,95	Canon road course N and S. — Leave " " and ascend gradually. — At this point an old water-power sawmill bears S. 4.30 chs. it is mainly of local construction, and has small capacity and used for the local market only —
57.65	Saw mill ditch 6 feet wide 3 ft deep flows S.W. Leave bottom of canon and ascend steep stony slope
79,70	Top of canon about 700 feet above river, thence ascending gradually. —
80,00	Set a lava stone 25 x 12 x 7 ins. 18 ins. in the ground for cor. to secs. 2-3-34 and 35 marked with 4 notches on W and 2 notches on E. edges. raised a mound of stones 2 ft base 1½ ft. high W. of cor. — Pits impracticable: —
	La[illegible]

North boundary T 27 S. R 23 E

Chains. Soil rocky and stony except swamp in bottom of cañon
no timber
Mountainous land 8,00 chs. —
May 9: at this cor. O set off 17°27' N. on the
arc and at 11h 56m A. M. T. observed the sun on
meridian; the resulting lat. is 38°30'

N. 89°58' E. bet. secs. 2 and 35
Ascending gradually on broken plateau
2,60 Top of ridge 30 feet above cor. thence descending
22,00 Ascend on edge of plateau sloping N. to cañon
4,00 Set a lava stone 18 x 11 x 8 ins. 12 ins. in the ground
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 course N. and S. about 300 ft. above last sec.
Descend
75,50 Bottom of gulch about 175 feet below top of ridge course S.
Ascend
8,00 Set a lava stone 18 x 10 x 9 ins. 12 ins. in the ground
for cor. to secs. 1-2-35 and 36. marked with - 5
on W and 1 notch on E. edges; raised a mound of
stones 2 ft. base 1½ ft. high W. of cor. — Pits imperfect
Land. Mountainous broken and rolling
Soil gravelly and stony 3d rate
Timbered a few pinion and cedar on ridge, scattering
Mountainous land 8,00 chs. —

N 89°58' E bet. secs. 1 and 36
Ascending on slope facing W.
15,00 Top of ridge about 100 feet above last cor. course N. and S
Descending in dense undergrowth
4,00 Set a lava stone 18 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 stones 2 ft. base 1½ ft. high N. of cor. — Pits impracticable
This cor stands in shallow draw draining S. — Thence
ascending gradually
63,30 Road from Rabbit Valley to Castle Valley course N. E. and S. W.
8,00 The temporary cor. to Tps. 26 and 27 S. Rs. 3 and 4
Set a lava stone 28 x 14 x 12 ins. 21 ins. in the g
for cor. to townships 26 and 27 S. ranges 3 and 4
E. marked with - 6 notches which

North Boundary T. 27 S., R. 3 E.

Chain A cedar tree 5 ins. diam. bears S. 34° E. 5 L. W. 83 lks. dist. marked T. 27 S. R. 3 E. S. 1 B. T. No other trees within limits. — Raised a mound of stones 3 feet base 2 ft. high S. 1 of cor. Land mountainous broken and rolling. Soil stony and gravelly. 2nd rate. Timber, a few pinion and cedar of small size, scattering, heavy sagebrush and stone undergrowth on last 65.00 chs. —

Mountainous land 80.00 chs. —

May 9, 1895 —

Boundaries of T 27 S., R 3 E

Latitudes departures and closing error

line designated	True bearing	Dis.	Lat. N chs.	Lat. S chs.	Dep. E chs.	Dep. W chs.
S. bdy. T. 27 S. R. 3 E.	East	478.26			478.26	
Fremont Valley Guide Mer.	South	480.00		480.00		
E. bdy. T. 27 S. R. 3 E.	North	480.00	480.00			
N. bdy T. 27 S. R. 3 E.	N 89° 58' E	475.44	.30			475.44
Convergency						.58
Totals			480.30 480.00	480.00	478.26 476.0	476.02
Error in Lat			.30 in dep.		2.24	

The unsurveyed portion of this township is mainly mountainous, rough, and broken but contains some bottom land along the Fremont River and also some high mesas in the eastern part suitable for cultivation and all is well adapted for grazing and stock range. — The township is to some extent covered with a scrubby growth of cedar and pinion and some pine timber along its eastern edge of fair quality; it is watered by the Fremont River a fine mountain stream, and a few small streams which head in the Thousand Lakes Mountains flow into its eastern edge. — The township be subdivided. —

Andrew P. Swanson
U.S. Deputy Surveyor

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List of Names.

A list of the names of the individuals employed by Andrew P Hansen, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the South Exast and North Boundaries of Township 27 South Range 3 East of The Salt Lake Base and Meridian, in Utah, showing the respective capacities in which they acted:

Andrew F. Rieser	Chainman
Wm H Towne	Chainman
Joshua Gardner	Axeman
Wm P Mc Keever	Axeman
Jay Davis	Flagman

Final Oath of Assistants:

We hereby certify that we assisted ....., U. S. Deputy Surveyor, in surveying all those parts or portions of the ..... Meridian, ..., as 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 U. S. Surveyor General for .....

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

SEAL

.....

.....

6—151

Final Oath of U. S. Deputy Surveyor.

I, _____, U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions received from _____, U. S. Surveyor General for _____, bearing date of the _____ day of _____, 18 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for _____, the surveying manual, and the laws of the United States, surveyed all those parts or portions of _____

_____

_____

_____

_____

_____ Meridian, in the _____, as 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 surveying manual, printed instructions, the special written instructions of the U. S. 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.

Andrew P. Hansen

U. S. Deputy Surveyor.

Subscribed and sworn to before me this _____ day of _____, 18 .

SEAL

_____

_____

Approval.

Office of the U. S. Surveyor General,

Salt Lake City, Utah, May 23d, 1896

The foregoing field notes of the survey of South, East & North Boundaries of Township 2 South, Range 3 East of the Salt Lake Base & Meridian, Utah

_____

_____

_____

_____

_____

_____ executed by

Andrew P. Hansen

under his Contract No. 198, dated March 4th, 1895, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Gregory Graves

U. S. Surveyor General.

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

_____

U. S. Surveyor General.

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(4—679.)

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BOOK A-239

FIELD NOTES

OF THE SURVEY OF

Subdivision Lines

of

Township No 27 South Range No 3 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Andrew P. Hanson, U. S. Deputy Surveyor,

Under his Contract No. 198, dated March 4th, 1895.

Survey commenced May 10, 1895.

Survey completed May 14, 1895.

(8630—2,000.) 6—151

28.02.39

1-74.32

Contract 1-40.00

Names and Duties of Assistants.

Andrew F Riepen	Chairman
Wm N Towne	Chairman
Wm T McKeever	Axeman
Joshua Gardner	Axeman
Ray Davies	Flagman

BOOK A-239

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Meanders Page

Preliminary [illegible]

We, Andrew F. Riepen, Wm H Trane and G S Forsyth

do solemnly swear that we will well and faithfully execute the duties of chain carriers; 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 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 subdivision lines of Tp 27 S R 3 E - Tp 27 S R 2 E - Tp 26 S R 3 E - Tp 26 S R 2 E - Tp 25 S R 1 E Tp 25 S R 2 E - Tp 25 S R 3 E - Tp 25 S R 5 E Tp 24 S R 1 E and Tp 24 S R 2 E, and the meanders lines in Tp 26 S R 2 E of the Salt Lake Base and meridian in Utah

Andrew F. Riepen, Chainman.

Wm H Trane, Chainman.

G. S. Forsyth, Chainman.

, Chainman.

Subscribed and sworn to before me this Sixth day of May, 1895.

Andrew P Swenson

U.S. Deputy Surveyor

We, Joshua Gardner and Wm P Mc Keever

do solemnly swear that we will well and truly perform the duties of axemen, and flagmen in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the subdivision lines of Tp 27 S R 3 E - Tp 27 S R 2 E - Tp 26 S R 3 E - Tp 26 S R 2 E - Tp. 25 S R 1 E - Tp 25 S R 2 E - Tp 25 S R 3 E - Tp 25 S R 5 E - Tp 24 S R 1 E Tp 24 S R 2 E and the meanders lines of Tp 26 S R 2 E of the Salt Lake Base and meridian in Utah

Subscribed and sworn to before me this Sixth day of May, 1895.

Joshua Gardner, Axeman.

Wm P. Mc Keever, Axeman.

Ray Davies

Andrew P Swenson

U S Deputy Surveyor

C-11

Subdivisions of T. 27 S. R 3 E

Chains Survey commenced May 10th 1895 and executed with a W & L E Gurley light mountain transit No 7 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 in University Park Salt Lake Cty, found correct and was approved by the Surveyor General for Utah, March 16, 1895. —

Having previously tested my instrument on the true meridian established by me May 6, by observation on Polaris at the cor. to secs. 2. 3-34 and 35 on S. bdy. of T. 27 S. R. 3 E and found it in adjustment I go to the cor. to secs. 1-2-35 and 36 on S. bdy. of T. 27 S R 3 E. as heretofore described and at 7h 40m l.m.t. May 10, I set off 51° 35' on the lat. arc (= co-lat.) and 17° 41' N on the decl. arc; and determine a true meridian with the solar. —

The magnetic bearing of the meridian so determined is N 16° 31' W, the angle thus determined reduced by the table page 100. gives the mean mag. decl. 16° 27' E

From the cor. above described I run
N 0° 1' W bet. secs 35 and 36
Descending steep slope facing N

2,50 Enter bottom of gulch descend gradually

8,00 Enter cedar timber

16,65 Stream 4 lks. wide flows W. in bottom of gulch about 80 feet below sec cor.; thence ascending broken slope

40,00 Set a lava stone 18 x 12 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
A kinion tree 13 ins. diam. bears N 74° 30' W 3 lks. dist. marked 1/4 S B.T.
A kinion tree 24 ins. diam. bears S 70° 15' E 42 lks. dist. marked 1/4 S.B.T.; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. —
This cor. stands about 250 feet above the stream

53,00 Top of ridge running W from Thousand Lakes Mtn. about 400 feet high — slopes W. thence descending

Subdivisions of T. 27 S. R. 3 E.

Chains	
— 80.00	Set a large stone 18 x 10 x 7 ins. 12 ins. in the ground for cor. to secs. 25-26-35 and 36 marked with 1 notch on S. and E. edges from which A cedar tree 14 ins. diam. bears S. 62° 10' E. 7 lks. dist. marked T. 27 S. R. 3 E. S. 36 B.T. A pinion tree 9 ins. diam. bears N. 60° E. 33 lks. dist. marked T. 27 S. R. 3 E. S. 25 B.T. A cedar tree 6 ins. diam. bears N. 13° 15' W. 34 lks. dist. marked T. 27 S. R. 3 E. S. 26 B.T. W. stationary rock 4 x 2 x 1½ ft. above ground bears S. 28° 45' W. 8 lks. dist. marked + (cross 6 ins. diam.) on side facing cor. — Raised a mound of stones 2 ft. base 1½ ft. high W. of cor. — This cor. stands in a gully about 8 ft. deep on a cliff slope facing W. — Land mountainous broken and rolling Soil gravelly and stony 3d rate — Timber, scrubby pinion and cedar 7200 cks. Mountainous land 8000 cks. —
	East on a random line between secs. 25 and 36
41.00	Set temporary ¼ sec. cor.
80.25	Intersect E. bdy. of Tp 7 lks. N. of cor. to secs. 25-30-31 and 36 — Thence I run N. 89° 57' W. on a true line between secs. 25 and 36 Descending over broken slope and considerable breaks in timber
— 0.12	Set a large stone 17 x 11 x 6 ins. 12 ins. in the ground for ¼ sec. cor. marked ¼ on N. face, from which A pine tree 6 ins. diam. bears S. 11° E. 93 lks. dist. marked ¼ S. 13. T. A cedar tree 6 ins. diam. bears N. 72° 15' W. 57 lks. dist. marked ¼ S. 13. T.
2.75	Bottom of ravine about 150 feet deep course N. W. — Ascending
6.13	Top of ridge sloping N. W. from mountains. Thence Descending
— 80.25	To cor. to secs. 25-26-35 and 36 This cor. stands about 200 ft. below cor. to secs. 25-30-31 and 36 on S. bdy. of T.

Subdivisions of T. 27 S. R. 3 E.

chains
Land mountainous very broken and ragged
Soil stony and gravely, partly barren sandstone 4th
Timber pine and aspen on E. half, cedar and pinion
on W. half — timber 80.25 chs.
Mountainous land 80.25 chs.

West on a random line bet. secs. 26 and 35 —
40.00 set temp. 1/4 sec. cor.
81,84 Intersect N. and S. line at cor. to secs. 26-27-34
and 35 — which is a stone firmly set marked and
witnessed as described by the surveyor general,
from which J S Basham's house, and other farm buildings
bears S 49° 48' E 19.51 chs. dist. —
Thence I run
East on a true line bet. secs. 26 and 35 —
Through cultivated field (J S Basham)
5.60 Irrigating ditch 3 ft wide course N.
13.94 " " " " " "
21.75 " " 2 " " "
Leave cultivated field and begin gradual ascent
22.74 Road to Rabbit Valley from this settlement which is known
as Horse Valley
23.10 Irrigating ditch 2 ft. wide course N.
40.85 Enter ravine course S 70° W, and pinion timber
41.84 Set a lava stone 18 x 10 x 6 ins. 12 ins. in the ground
for 1/4 sec. cor. marked 1/4 on N. face from which
A pinion tree 6 ins. diam. bears N 44° 20' E 12 lks. dist.
marked 1/4 S. 13. T.
A pinion tree 10 ins. diam. bears N 5° W 7 lks. dist.
marked 1/4 S 13. T.; raised a mound of stones 2 ft. base
1 ft. high N. of cor.
Thence leave ravine and ascend on broken slope
52.05 Brush fence course N and S
81,84 The cor. to secs. 25-26-35 and 36 —
This cor stands about 450 feet above cor 4 secs. 26-27-34 and 35
Land broken mountain and level mesa
Soil on mesa gravely wash 1st rate; mountain side stony 3rd rate
Timber scrubby pinion and cedar 41.00 chs. —
Mountainous land 60.00 chs. —
May 10: At this cor. I set off 17° 42' N. on the decl.
and at 11h 56m v.m.t. observe the sun on the

Subdivision of T. 27 S R 3 E.

Chains	
	N 0° 1' W bet. secs. 25 and 26
	Descending gradually on broken slope facing W. in timber
11,40	Ravine 40 ft. deep course W
40,00	Set a lava stone 18 X 12 X 11 ins. in ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which A pinion tree 8 ins. diam. bears S 61° 30' E 7 lks. dist. marked 1/4 S. 13. T. A cedar tree 24 ins. diam. bears S 69° 45' W 12 lks. dist. marked 1/4 S. 13. T.; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. —
47,25	Stream 3 lks wide course N 80° W in ravine 45 ft deep
67,00	Leave mountain slope and timber; thence over level mesa
76,50	Dry wash in ravine 12 ft deep course W.
80,00	Set a lava stone 18 X 9 X 9 ins. 12 ins in the ground for cor. to 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 alongside. Pits impracticable.
	This cor. stands about 425 ft. lower than cor. to secs. 25-26-35 and 36
	Land Mountain slope and level mesa
	Soil, on mountain stony and gravely 3d rate on mesa gravely wash 1st rate
	Timber scrubby pinion and cedar and some aspen 5.77 Chs. Mountainous land 5.77,00 chs. —

	S 89° 57' E on a random line bet secs 24 and 25
40,00	Set temp 1/4 sec. cor.
80,10	Intersect E. bdy of Tp. 8 lks S. of cor. to secs. 19-24-25 and 30
	Thence S run
	West on a true line bet. secs. 24 and 25.
	Descending on steep broken slope, in timber
40,05	Set a lava stone 18 X 10 X 9 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face from which A pinion tree 10 ins. diam. bears S 38° 40' E 16 lks. dist. marked 1/4 S. 13. T. An aspen tree 6 ins. diam. bears N 6° 30' W 29 lks. dist. marked 1/4 S 13 T.; raised a mound of stones 2 ft. base 1½ ft. high N. of cor.
04,60	Leave mountainous slope and timber about 1 co. below

Subdivision of T 27 S R 3 E

Chains	
	Cor W sec 19-24-25 and 30 and enter sloping mesa
80,10	The cor. W sec. 23-24-25 and 26
64 60 / 3.50	Land mountain slope very broken and gently sloping mesa soil, on mountain side stony and gravelly 2nd rate on mesa gravely wash 1st rate — Timber, aspen, pine and cedar 64,60 chs. — Mountainous land 64,60 chs. —
	West on a random line bet. secs. 23 and 26
40,00	No 1/4 sec cor. could be found at this point nor within a radius of 5 chs, hence after careful search and being assured by the settlers Jed Stringham and Tone Rees occupying the land that it had never been known to exist I continued my line
8,38	I intersect N. and S. line at cor. to secs. 22-23-26 and 27 which is a stone firmly set marked and witnessed as described by the surveyor general
	Thence I run
	East on a reservey line bet. secs 23 and 26
40,00	Set a lava stone 18 x 9 x 7 in. 12 in in the ground for the re-established 1/4 sec. cor. marked 1/4 on N. face; raised a mound of stones 2 ft. base 1½ ft. high alongside. — Pits inaccessible. —
	Thence I run
	East on a true line bet E. half of secs. 23 and 26
	In cultivated field (Tone Rees)
9.08	Irrigating ditch 3 ft. wide course N 15° W
19,35	Fence course N and S — N. end turns W at about 9. chs
	Farm house of Tone Rees bears S 7° W 2.45 chs dist
	" " " Jed Stringham bears S 5°25' E 8.30 chs. dist.
	Leave cultivated field and enter sage brush and short undergrowth & thence ascending gradually
32,53	Road to Rabbit Valley course S.W.
34,78	Stream 5 lks. wide course S.W.
41,38	The cor. to secs. 23-24-25 and 26
15	Land gently sloping mesa
38	Soil gravely alluvial wash 1st rate —
118,10	No timber. —
	N 0°1' W bet. secs. 23 and 24
1,95	Stream 5 lks. wide rapid current pure water course

Subdivision of T 27 S R 3 E

Chains	
5,37	Wood road, to canon course N.E.
8,15	Pinion tree 18 ins diam. on line. — Enter timber and ascend on slope facing S. tree marked 2 notches on N & S ends
31,00	Leave timber
40,00	Set a lava stone 18 x 10 x 9 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
80,00	At this point I made a careful and systematic search for cor to secs. 13-14-23 and 24 claimed to have been established under a former contract but was unable to find it within a radius of 5 chs. Set a lava stone 20 x 12 x 8 ins. 15 ins. in the ground for cor. to secs. 13-14-23 and 24 marked with 3 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
	This cor stands about 400 feet above cor. to secs. 23-24 25 and 26. —
	Land sloping mesa and broken mountainous slope Soil, on mesa sandy loam 1st rate, on slope gravely and stony 3d rate
	Timber pinion and cedar 22 chs and same few and scattering 58 chs.
	Mountainous land 72,00 chs. —
	May 10, 1895
	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 at cor. to secs. 13-18-19 and 24
	Thence I run
	West on a true line bet. secs. 13 and 24
	Descending on broken slope, in timber
2,00	Leave timber
40,00	Set a lava stone 18 x 9 x 7 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. —
80,00	The cor. to secs. 13-14-23 and 24
	This cor stands about 450 feet below cor. to secs. 13-18-19 and 24

Subdivision of T 27 S R 3 E

chains. Land mountainous broken and rolling
soil gravely and stony 3d rate
Timber pinion and cedar 2. chs and same, few scattering in patches. —
Mountainous land 80,00 chs. —

West on a random line bet secs. 14 and 23
40,25 1/4 sec. cor bet secs. 14 and 23 bears S. 6 lks. dist., the sam being a stone firmly set marked and witnessed as described by the Surveyor general.
Thence I run
N 89° 55' E on a true line bet E. 1/2 of secs. 14 and 2
Ascending on broken slope
40,25 The cor. to secs. 13 - 14 - 23 and 24
This cor. stands about 250 feet above the 1/4 sec cor secs. 14 and 23
Land. mountainous, broken, and rolling
Soil stony and gravely 3d rate
Timber a few scrubby pinion and cedar scattering
Mountainous land 40,25 chs. —
May 11: at this cor. I set off 51° 32' 30" (colat) on the Lat. arc and 17° 57' W on the decl. arc and at 9h. 30m T. m. E. determine a true meridian with solar. —

N 0° 1' W. bet. secs. 13 and 14
Ascending on broken ridges
32,00 Top of main ridge about 250 ft above cor. course E and W
Descend
40,00 Set a lava 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 ft. base 1 1/2 ft. high W. of cor. - Pits impracticable. -
78,50 Enter pinion timber.
80,00 Set a lava stone 20 x 9 x 7 ins. 15 ins. in the ground for cor to secs. 11 - 12 - 13 and 14 marked with 4 notches on S. and 1 notch on E. edges from which.
A pinion tree 6 ins. diam bears. N 28° 40' W 41 lks. dist. Marked T 27 S R 3 E S 11 13 T.
A pinion tree 7 ins. diam bears N 63° 30' E 125 lks. dist. marked T 27 S R 3 E S 12 13 T
A pinion tree 5 ins. diam bears S 58° 10' E. 134 lks.

Subdivisions of T 27 S R 3 E

chains	
	dist. marked T 27 S R 3 E S 13 B.T.
	A pinion tree 9 ins. diam. bears S 83°40' W 94 lks.
	dist. marked T 27 S R 3 E S 14 B.T.
	raised a mound of stones 2 ft. base 1½ ft. high
	W of cor. — This cor. stands about 150 ft. lower than cor 1 mile S.
	Land Mountainous broken and rolling
	soil stony and gravely 3d rate
	Timber a few scrubby pinion scattering
	Mountainous land 80,00 chs. -
	East on a random line bet. secs. 12 and 13
40,00	set temp 1/4 sec. cor.
80,09	Intersect E bdy. of Tp. 10 lks. S. of cor. to secs. 7-12-13 and 18
	Thence I run
	S 89°56' W. on a true line bet. secs. 12 and 13
	Descending on broken slope
16,75	Irrigating ditch from canon to Henry Albrecht's ranch in sec. 12 course N. 2 lks wide. — Enter timber
38,70	Dry wash in bottom of gulch about 300 feet below cor.
	Ascending
40,04	set a lava stone 18 X 10 X 7 ins. 12 ins. in the ground for 1/4 section cor. marked 1/4 on N. face from which
	A pine tree 18 ins. diam. bears N 88°20' E 75 lks.
	dist. marked 1/4 S B.T.
	A pine tree 10 ins. diam. bears N 45° W 104 lks.
	dist marked 1/4 S B.T., raised a mound of stones 2 ft. base 1½ ft. high N. of cor.
	Leave timber and ascend on slope facing N. -
62,00	Descending " " " NW
80,09	The cor. to secs. 11-12-13 and 14
	Land Mountainous broken and rolling
	soil stony and gravely 3d rate
	Timber pine and aspen 23 chs and scattering pinion and cedar on W. ½ mile
	Mountainous land 80,09 chs. -
	May 11: At this cor. I set off 17°58' N. on the decl. arc and at 11h 56' a.m. L.m.t. observe the sun on the meridian; the resulting lat. is 38°28'
	N 0°1' W. bet. secs. 11 and 12
	Descending in pinion timber

Subdivision of T 27 S R 3 E

Chains

1,350 Dry wash in ravine course W
22,00 Leave timber
36.73 Road from Rabbit Valley to Castle Valley course E and W
37,00 Dry wash in ravine 20 ft deep course S 60° W
Ascending steep slide
40,00 A stone witness 3 x 2 x 1½ ft. above ground for 1/4 sec. cor. marked 1/4 on E. face from which
A pinion tree 6 ins. diam. bears N 27° E 23 lks. dist. marked 1/4 S 13 T
A cedar tree 8 ins. diam. bears N 69°30' W. 38 lks. dist marked 1/4 S 13 T
I marked E face of stone in this instance because W. face was not accessible.-
Enter pinion timber
40,90 Top of slide and ridge about 240 feet above ravine:
Thence descending on slope facing N
5.30,00 " timber
5.90,00 Bottom of draw, course S 70° W - about 100 ft. deep
Ascending on broken slope
80,00 Set a lava stone 24 x 10 x 9 ins · 18 ins in the ground for cor. to secs. 1-2-11 and 12 marked with 5 notches on S and 1 notch on ~~W~~ E. edges, raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
Pits inaccessible
This cor stands about 300 ft. above last sec. cor. set.
Land Mountainous broken and rolling
Soil stony and gravely 3d rate
Timber scrubby pinion and cedar
Mountainous land 8,000 chs.

N 89° 56' E on a random line bet. secs 1 and 12
40,00 Set temp 1/4 Sec. cor.
80,00 Intersect E. bdy of Tp. 10 lks. N of cor. to secs. 1-6-7 and 12
Thence I run
West on a true line bet. secs 1 and 12
Descending gradually on broken slope in timber
16,10 Irrigating ditch from gulch to Henry Albrechts ranch course S
29,00 Enter bottom of draw
/

Subdivision of T 27 S. R 33 E.

Chains	
37,00	Leave timber.
39,90	Road from Stone Valley to Castle Valley course N and S
40,00	Set a lava stone 18 x 10 x 9 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
	Thence ascending
46,00	Top of short ridge course N and about 100 ft above 1/4 sec cor.
	Descending
55,50	Ascending on broken slope facing S E. —
57,40	A bone pinion tree 18 ins. diam. on line marked 2 notches on E & W sides
80,00	The cor. to secs 1-2-11 and 12
	This cor is about on a level with cor to secs 1-6-7 and 12
	Land mountainous broken and rolling
	Soil stony and gravelly
	Timber pinion and cedar 37,00 chs. and some few and scattering on W. ½ mile. —
	Mountainous land 80,00 Chs. —

	N 0° 1' W on a random line bet. secs. 1 and 2
40,00	Set stone 1/4 sec cor.
80,00	Intersect N. bdy. of Tp at cor. to secs. 1-2-35 and 36
	Thence I run
	S 0° 1' E on a true line bet. secs. 1 and 2
	Ascending gradually on broken slope facing W.
29,50	Top of ridge course N E and S W about 175 ft. above cor.
	Descend
34,00	Bottom of gulch and dry wash about 100 ft. deep course W
	Thence ascending gradually on broken surface
40,00	Set a lava stone 18 x 12 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
42,15	Road to saw mill (log road) course E and W.
45,00	Road from Rabbit Valley to Castle Valley course S W and N E
57,60	Begin steep ascent. - Enter timber
76,70	Leave timber
79,50	Top of ridge course N E and S W about 400 ft. high
	Begin descent
80,00	The cor. to secs. 1-2-11 and 12
	This cor stands about 5.00 feet above cor. to secs. 1-2 -

Subdivision of T 27 S R 3 E

Chains

Land mountainous very broken and rolling
Soil stony and gravelly 3d rate
Timber pinion an cedar of scrubby growth —
Mountainous land 80,00 chs. —

May 11, 1895

May 12: at 7h 30m a.m. Z.m.T. I set off 5° 32' on the arc. and 18° 11' N on the decl. arc, and determined a true meridian with the solar at the cor to secs. 11-12-13 and 14. —
Thence I run
West bet. secs. 11 and 14
Descending in timber
12,13. Road from Horse Valley to Castle Valley course N and S
1240. Bottom of gulch about 80 ft. deep course N.
Ascend
29,50 Top of ridge 175 ft. high course N.W. and S.E.
Descend
40,00 Set a lava stone 18 x 11 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which
A cedar bre 16 ins. diam. bears S 7° W 38 lks dist. marked 1/4 S.13.T.
A pinion bre 12 ins. diam. bears N 64° 45' E 95 lks. dist. marked 1/4 S.13.T. raised a mound of stones 2 ft. 1½ ft. high N. of cor.
45,00 Gulch draining N.W., thence ascending
69,00 Top of ridge course N.W. and S.E. 225 ft. high
Descending steep slope in rock slide
— 80,00 Set a lava stone 24 x 14 x 10 ins. 18 ins. in the ground for cor. to secs. 10-11-14 and 15 marked with 4 notches on S. and 2 notches on E. edges from which
A pinion bre 9 ins. diam. bears S 39° 35' W 6.8 lks. dist. marked T 27 S R 3 E S 15 13.T.
A pinion bre 6 ins. diam. bears N 86° W 35 lks dist. marked T 27 S R 3 E S 10 13 T
A Pinion bre 7 ins. diam. bears N 62° 30' E 31 lks. dist. marked T 27 S R 3 E S 11 B.T.
A pinion bre 12 ins. diam. bears S 82° 28' E 48 lks. dist. marked T 27 S R 3 E S 14 13.T. —
This cor stands 350 feet below Top of ridge and about on a level with cor. to secs. 11-12-13 and 14

Subdivision of T. 27 S. R. 3 E.

Chains	
	Soil stony and gravely 3d rate
	Timber, scrubby pinion and cedar somewhat scattering 8 chs.
	Mountainous land 8,00 chs. -
	S 0° 1' E on a random line bet. secs. 14 and 15
40,00	The 1/4 sec. cor. bet secs 14 and 15 bears W. 2 lks dist.
	the same being a stone firmly set marked and witnessed
	as described by the surveyor general.
	Thence S. run
	N 0° 20' E on a true line bet N. & of secs. 14 and 15
	Ascending in timber
19,00	Top of ridge course N.W. and S.E. 220 ft. high
	Descending
24,75	Bottom of gulch course N.W. 140 feet deep
	Ascending steep rocky slope facing S.W.
40,00	The cor. to secs. 10-11-14 and 15
	Land mountainous, very broken
	Soil stony and gravely 3d rate
	Timber pinion and cedar 40,00 chs.
	Mountainous land 40,00 chs. -
	West on a random line bet. secs. 10 and 15
40,20	The 1/4 sec. cor. bet. secs. 10 and 15 bears S. 15 lks. dist.
	The same being a stone firmly set marked and
	witnessed as described by the surveyor general.
	Thence S. run
	N 89° 47' E on a true line bet E. & of secs. 10 and 15
	Ascending broken surface in timber
20,25	Top of sharp ridge course N.W. and S.E., sloping N.
	Descending on slope facing N.
31,60	Bottom of gulch course N.W. 180 feet deep.
	Ascending on steep stony slope. -
40,20	The cor. to secs. 10-11-14 and 15 - about 4.50 ft.
	above the 1/4 cor. bet secs. 10 and 15
	Land mountainous very rugged
	Soil stony and gravely 3d rate
	Timber pinion and cedar of small growth
	Mountainous land 40,20 chs.
	N 0° 1' W. bet. secs. 10 and 11
	Ascending on steep slope facing W. in slide rock, and
	from 4 chs bar

Subdivision of T 27 S. R 3 E.

Chains

16.50 Top of ridge 200 ft. above cor. course N.W. and S.E. Descending on slope facing N.W.

40.00 Set a lava stone 30 x 12 x 4 ins. 28 ins. in ground and mound of rock for 1/4 sec. cor. marked 1/4 on W. face from which
A pinion tree 10 ins. diam. bears S 80° 15' E 7 lks. dist. marked 1/4 S 13 T
A pinion tree 6 ins. diam. bears S 70° 30' W. 28 lks. dist. Marked 1/4 S. 3. T

58.10 Enter bottom of gulch — Leave timber, Descending gradually

62.30 Road from Rabbit Valley to Castle Valley course E and W

66.60 Stream 3 lks wide course W. in wash 8 ft. deep, bottom of Ascending gradually

63.20 Road from Rabbit Valley to Castle Valley course E and W Leave bottom of gulch and ascend on slope facing S.

77.50 Ascend becomes more gradual

80.00 Set a trachyte stone 18 x 12 x 7 ins. 12 ins. in the gr for cor. to sec. 2-3-10 and 11 marked with "S" on S. and 2 notches on E. edges; raised a mound of stones 2 ft. base 1 ft. high W. of cor. - Pit impract - This cor stands nearly on a level with the cor. to sec. 10-11-14 and 15 and 375 ft above bottom of gulch
Land mountainous very rugged
Soil stony and gravelly 3rd rate
Timber pinion and cedar of scrubby growth - 5/10
Mountainous land 80.00 Chs. —
May 12: The sky being cloudy prevented me from observing the sun while on the meridian. This day

East on a random line bet secs. 2 and 11

40.00 Set temp 1/4 sec cor.

80.16 Intersect N. and S line 12 lks. N. of cor. to secs. 1-2-11 and 12

Thence On
N 89° 56' W. on a true line bet. secs. 2 and 11

.34 Begin descent

31.94 Road from Rabbit Valley to Castle Valley course N E S W, in bottom of gulch 150 ft below cor.
Ascend

Subdivisions of T. 27 S. 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 in pavement.
4.8,60	Top of ridge course N. and S 200 ft. above gulch.
	Descend
60,20	Head of ravine course S.W. Thence ascending
6.8,64	Top of ridge sloping S 110 ft. high
	Descend gradually on broken slope facing S.
8.0,16	The cor. to secs 2-3-10 and 11
	Land mountainous broken and rolling
	Soil stony and gravely 3d rate
	Timber a few scrubby pinion scattering
	Mountainous land 80,16 chs. -

	N 0° 1' W on a random line bet. secs. 2 and 3
4,000	Set temp. 1/4 sec. cor.
80,40	Intersect N. bdy. of Tp 38 Rs. E. of cor. to secs. 2-3-34 and 35 -
	Thence Down
	S 0° 17' E on a true line bet. secs. 2 and 3.
	Ascending
8,40	Top of ridge 25 ft. above cor thence descending gradually on broken plateau
13,50	Begin descent to gulch on steep broken slope
23,90	Enter bottom of gulch 300 ft. below cor. -
	Descending gradually
24,15	Road from cañon to mill (saw mill) course E. and W.
27,90	Very wash 10 ft. deep in bottom of gulch course S 75° W
	Ascending gradually
39,30	Beginning of steep ascent, leaving bottom of gulch
39,90	Enter timber
40,40	Set a triangular stone 18x12x6 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.
	A pinion tree 14 ins. diam. bears S 47° 30' E. 25 lks. dist. marked 1/4 S.B.T.
	A pinion tree 12 ins. diam. bears S 18° 30' W. 26 lks. dist. marked 1/4 S.B.T.
53,90	Top of ridge course E. and W. 300 ft. above gulch
	Descend
64,34	Very wash in bottom of gulch course S 70° W. 250 ft. deep
	Ascend. - Leave timber
78,40	Top of ridge course [illegible] 340 ft. above gulch

Subdivision of T. 27 S. R. 3 E.

Chains Descending gradually.

80,40 The cor. to secs. 2-3-10 and 11.
Land Mountainous broken and rolling
Soil stony and gravely 3d rate
Timber scrubby pinion and cedar
Mountainous land 80,40 chs.

From the cor. above described I run W. on a random 1 setting temp. 1/4 sec. and sec. cors. at intervals of 40,00 chs. and at 315,52 chs. intersect The Fremont Valley Guide Meridian at cor. to secs. 1-6-7 and 12 which is a stone firmly set marked and witnessed as described by the Surveyor General.—
Thence I run
East on a true line bet. secs. 6 and 7
Descending gradually on broken plateau

35,52 Set a lava stone 18 x 11 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, from which
A pinion tree 14 ins. diam. bears S 6° 15' E. 98 lks. dist marked 1/4 S. B. T.
A round bowlder 3 x 4 x 5 ft. above ground bears. N 56° 30' W 40 lks. dist marked 1/4 S B O on E. face; raised a mound of stones 2 ft. base 1½ ft. high N. of cor.

47,50 Edge of canon begin descent of steep broken slope among high bowlders and fantastic crags of glacial origin

54,00 Foot of descent 500 ft. below its top thence in bottom of canon in crags and bowlders

64,40 Ascending gradually in same

72,48 Wood road from Rabbit Valley

75,52 Set a lava stone 20 x 14 x 10 ins. 15 ins. in ground and mound of stone for cor. to secs. 5-6-7 and 8 marked with 5 notches on S and 5 notches on E. edges from which
A cedar tree 14 ins. diam. bears N. 56° E 72 lks. dist. marked T 27 S R 3 E S 5 B T
A cedar tree 18 ins. diam. bears S 29° 45' W 140 lks. dist. marked T 27 S R. 3 E S 7 B T
no other trees within limits
Land Mountainous broken and rolling
Soil gravely wash on plateau strewn with large bowlders, in canon mostly barren granite rock
Timber, a few scrubby cedar and pinion scattering

Subdivisions of T. 27 S. R. 3 E.

Chains.	Mountainous land 75.52 chs. May 12, 1895.
	East on a true line bet. secs. 5 and 8
	Ascending in granite crags
1,20	Top of ridge 60 ft. high course N and S
	Begin descent
2,90	Leave granite crags and descend gradually in dense undergrowth
28,05	Wood road from ~~from~~ Rabbit Valley to Fish Lake Mts. course N.W.
34,40	" " " " " " "
40,00	Set a lava stone 18 x 11 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
77,00	Bottom of draw draining N.E.
	Ascending
80,00	Set a lava stone 18 x 17 x 12 ins. 12 ins. in the ground for cor. to 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 N.W. of cor. Pits impracticable. -
	This cor. stands 250 feet below cor to secs 5-6-7 and 8
	Land mountainous broken and rolling
	Soil gravely and stony, with many high boulders, 3d rate
	No timber, dense undergrowth of sage brush and thorn
	Mountainous land, and dense undergrowth 80.00 chs. -
	East on a true line bet. secs. 4 and 9
	Ascending in dense undergrowth -
11,30	Top of ridge course N. and S. 75 ft. high slopes N. to gulch
	Descend
27,50	Bottom of gulch course S. 50 ft. deep
	Ascend
35,00	Top of ridge course N.W. and S.E.; thence descending on side of cañon
40,00	Set a lava stone 18 x 9 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which
	A pinion tree 12 ins. diam. bears. S 78°45' W 41 lks. dist.
	no other trees within disbits; raised a mound of stones 2 ft. base 1½ ft. high N. of cor. -
43,90	Bottom of cañon course S.E. 480 feet deep
	Ascending in slide rock and ledges.
49,50	Top of cañon 400 feet above bottom of cañon

Subdivisional of T. 27 S. R. 3 E.

Chains	
59,00	Begin descent
61,60	Bottom of ravine course S. E. 50 ft. deep
	Ascend
67,00	Top of ridge course nearly N and S. sloping S to canon
	thence beginning descent of Fremont River canon
72,00	Edge of precipice 75 ft. deep course nearly N and S; thence
	in slide rock
79,00	Leave slide rock and descend gradually
80,00	I made a diligent and systematic search for the cor.
	to secs. 3-4-9 and 10 claimed to have been established
	under a former contract but was unable to find any
	trace of same within a radius of 5,00 chs. thereof
	I set a lava stone 24 x 12 x 10 ins. 18 ins in the ground
	for cor. to 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 1½ ft. high W. of cor.; Pits inaccessible
	This cor. stands on a narrow bench within the canon and
	680 ft. below the top of same. —
	Land mountainous very broken
	Soil rocky and stony 3d and 4th rate
	no timber; dense undergrowth of sagebrush and
	shrubs in places
	Mountainous land 80.00 Chs.

	East on a true line bet. secs. 9 and 10
1.00	Descend
3.47	Road from Rabbit Valley to canon and S aw Mill course N
	and S; in bottom of Canon 50 ft. below cor.
5,40	Right banks of Fremont River course S.W., rapid current
	2 ft. deep pure water
6,05	Left bank of river; thence ascending leaving bottom of canon
12,00	Top of rocky ridge 150 ft. high course N.E. and S.W.
	Descend
17,54	Ravine course N W; thence ascending
39,80	Top of canon 560 ft. above river. — ascending gradually
40,00	set a lava stone 18 x 10 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
	inaccessible
46,50	Top of ridge course N.E. and S.W. 90 ft. high

Subdivision of T 27 S R 3 E

Chains	
57,60	Bottom of gulch course S.W. 180 ft. deep
	ascend
72,60	Top of ridge sloping S.; thence on slope facing S.
80,00	The cor. to secs 2-3-10 and 11
	Land mountainous very broken
	Soil stony rocky and gravely 3d rate
	No timber. - some willow brush along creek
	Mountainous land 80,00 Chs

May 13: I set off 18° 28' 30" on the decl. arc at the cor. to secs. 3-4-9 and 10; and at 11h 56.7m a.m. 7. m. T. observed the sun on the meridian; the resulting lat is 38° 29'. - Thence I run N 0° 2' W on a random line bet. secs. 3 and 4

40,00	set stone 1/4 sec. cor.
80,24	Intersect N. bdy of Tp. 19 lks. E. of cor. to secs. 3-4-33 and 34
	Thence I run S 0° 10' E on a true line bet. secs. 3 and 4
	Descending gradually on slope facing W
36,80	Boulder 6 x 8 x 9 ft. on line
40,24	Set a lava stone 18 x 12 x 5 in. 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
57,70	Top of ridge from the north; breaking abruptly to ravine
	Descending steep rocky slope.
58,00	Bottom of ravine from N. runs E. 130 ft. deep
	ascend
64,00	Top of ridge sloping E. to river - runs S W and E
	Descend on side of Fremont River Canon
80,24	The cor. to secs. 3-4-9 and 10
	Land mountainous very broken
	Soil stony and gravely 3d rate -
	No timber
	Mountainous land 80,24 chs. -

S 0° 2' E on a random line bet. secs. 9 and 10

40,00	I made a careful and systematic search for the 1/4 sec. cor. but being unable to find it within a radius of

Subdivision of T. 27 S. R. 3 E.

Chains	
8,00	The cor. to secs. 9-10-15 and 16 bears W 5 lks dist, a stone firmly set marked and witnessed as described the surveyor general. whence I run
	North on a resurvey line bet. secs. 9 and 10
4,00	Set a lava stone 18 x 11 x 7 in. 12 in. in the ground for the re established 1/4 sec. cor. marked 1/4 on W. face; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. - Thence I run
	North on a true line bet N½ of secs 9 and 10. Ascending gradually over stony bench at ft. of mts
.95	Road from Rabbit Valley to Castle Valley course N E and S W.
2,20	Dry wash in ravine 8 ft. deep course S 60° W
22,00	Foot of mountains ascend on slope facing S. in large boulders
27,00	Top of ridge course N E and S W — sloping S — 170 ft. high. Descend on slope facing N
31,34	Bottom of cañon — Road to saw mill from Rabbit Valley course N 30° E
34,44	Left bank of Fremont River course S. W. — rapid current 2 ft. deep pure water
35,08	Right bank of river & road NE. & S.W.
38,00	ascending, leaving bottom of canon
40,00	The cor to secs. 3-4-9 and 10
18,00 / 22,00	Land sloping bench and mountainous Soil stony and gravelly 3d rate No timber Mountainous land 18,00 Chs. —

May 13. At 4h 30m p.m. L. m. T. I set off 38° 29' (Co-lat 51° 31') on the lat. arc and 18° 32' N on the decl. arc and determine 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	Set temp 1/4 sec. cor.
79,64	Intersect N. bdy of Tp 28 lks. E of cor. to secs. 4-5-32- and 33
	Thence I run
	S 0° 15' E on a true line bet. secs. 4 and 5
	Ascending on bottom slope facing N.
17,00	Top of ridge course E and W. 300 ft. above cor.
	Descend on bottom slope and large boulders.

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.
46,30	Bottom of gulch course E 170 ft. deep. Ascend
53,00	Top of ridge 130 ft. high course nearly E. and W. Descend on gradual slope
78,00	Draw draining E
79,64	The cor. to secs. 4-5-8 and 9 Land mountainous broken and rolling Soil stony and gravely 3rd rate - many large boulders. Timber scattering pinion and cedar along top of high ridge in N ½ mile Mountainous land 79,64 chs - May 13, 1895 -
	S 0° 3' E on a random line bet. secs. 8 and 9
40,00	Set temp. 1/4 sec. cor.
80,00	The cor. to secs. 8-9-16 and 17 bears W. 6 lks dist. the same being a stone firmly set marked and witnessed as described by the Surveyor General. - From this cor. the farm house of S & F Albrecht bears S 8° 57' W. 4,92 chs. dist. The farm house of H. E. Maxfield bears S 9° 12' W 12,30 chs. dist. The farm house of Wynn Hart bears S. 23° 18' W. 22,98 chs. dist. - The improvements in each case consist of house, stable, and corral, and the land cultivated amounting to about 120 acres is all located in the N. E 1/4 on sec. 17 and is held to some extent in common. The farm house of John Albrecht bears N. 78° 35' E. 11,88 chs. dist. The farm house of Geo. Albrecht bears N 38° 10' E 24,54 chs. dist. The farm house and saw mill of John Albrecht bears N 46° 30' E 52,95 chs. dist. - The improvements in each case consist of house stable and corral; the land cultivated amounting to about 80 acres is located in the S.W. 1/4 of sec 9, and is some extent held in common. - The saw mill is a water power mill of small capacity. - Thence I run
	North on a [illegible] line bet. secs. 4 and 9

Subdivision of T 27 S R 3 E

Chains ascending gradually between road and fence in dense undergrowth

1328 Irrigating ditch 5 lks wide course S E at foot of mts thence ascending on slope facing S. E.

1373 Cañon road course N E and S W

1390 Canal 10 lks. wide course S W.; ascending rocky slope

4000 Set a lava stone 18 x 11 x 5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face: raised a mo of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable

5100 Top of ascent thence on broken slope facing W. gradually. —

8000 The cor. to secs. 4-5-8 and 9.

Land sloping bench and mountain slope

Soil on bench gravely wash, stony 2d rate on mou slope rocky and gravely 3d rate

No timber, sage brush and thorn undergrowth

Mountainous land and dense undergrowth 8000 chs.

May 14: at 9h a.m. t.m.t. I set off 38°29' (Co-Lat 51°31') on the lat. arc and 18°41' on the decl. arc and determine a true meridian with the solar at the cor. to secs. 5-6-7 and 8. — thence I run

N 0°3' W. on a random line bet. secs. 5 and 6.

4000 Set temp 1/4 sec. cor.

7992 Intersect N. bdy. of Tp. 8 lks. W. of cor. to secs. 5-6-31 and 32. —

Thence I run

South on a true line bet. secs. 5 and 6.

Descending in granite crags and ledges.

200 Bottom of gulch course S 25° W; thence ascending gradu

1060 Wood road from Rabbit Valley to Fish Lake mountains bears E W.

3470 Top of rocky ridge 150 ft. high course Nearly N. and S.

Descending gradually

3750 Precipice 70 ft. deep course E. and W., facing S

3992 Set a granite stone 20 x 14 x 4 ins. 15 ins. in ground and mound of stones for 1/4 sec. cor. marked 1/4 on W. face from which

A pinion tree 13 ins. diam. bears N 25°20' W. 117 lks dist. marked 1/4 S.B.T.

A cedar tree 12 ins. diam. bears S 30°45' E 33 lks. dist. marked 1/4 S.B.T.

5090 Wood road from Rabbit Valley to Fish Lake mts 55 lks W. of

Subdivision of T. 27 S. R. 3 E.

Chains	
58,60	Wood road from Rabbit Valley to Fish Lake Mtn. course N.W. and S.E.
62,90	Bottom of gulch course S 70° E 50 ft. deep
	Ascend
64,50	Top of ridge course N.W and S.
	Descend gradually
79,92	The cor. to secs. 5-6-7 and 8.
	Land mountainous very broken.
	Soil rocky, mostly barren granitic crags
	Timber scrubby cedar and pinion scattering
	Mountainous land 79,92 chs
	S 0° 3' E bet. secs. 7 and 8
	Ascending in crags
.75	A round crag 10 ft. high on top of ridge running nearly N and S
	Descend
3,50	Leave rocky crags.
4,67	Wood road course N.W. and S.E.
	Thence over level mesa in dense undergrowth
40,00	Set a granite 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 ft. base 1½ ft. high W. of cor. Pits impracticable
40,12	Wood road course S.W. and N.E.
46,00	Foot of ridge; ascend in timber on rocky slope; leave undergrowth
56,10	Top of ridge course nearly E. and W 170 ft. high
	Descend
60,60	Leave timber
77,00	Edge of break; descend in precipitous cliffs facing S.E.
80,00	Set a lava stone 18 x 10 x 7 ins: 12 ins. in the ground for cor. to secs. 7-8-17 and 18 marked with 4 notches on S. and 5 notches on E. edges from which
	A pinion tree 8 ins. diam. bears S 17° 35' W. 6 lks. dist. marked T 27 S. R 3 E S 18 B.T.
	A pinion tree 7 ins. diam. bears N 69° 50' W 20 lks. dist. marked T 27 S R 3 E S 7 B.T.
	A pinion tree 10 ins. diam. bears N 30° E 104 lks. dist marked T. 27 S R. 3 E. S 8 B.T.
	A pinion tree 5 ins. diam bears S 4° 15' E 46 lks. dist. marked T. 27 S R 3 E. S 17 B.T.
	This cor. stands in rocky crags 270 ft. below edge of break [illegible] N E and S W

Subdivision of T 27 S. R 3 E.

Chains	
	Land mountainous very broken
	Soil rocky and gravely 3d and 4th rate
	Timber scrubby pinion and cedar
	Heavy sagebrush and thorn undergrowth. —
	Mountainous land and dense undergrowth 80,00 chs. -
	May 14: The sky being cloudy I was unable to
	observe the sun on the meridian this day
	East on a random line bet. secs. 8 and 17
40,00	Set temp. 1/4 sec cor.
80,10	Intersect N. and S line at cor. to secs. 8-9-16 and 17
	Thence I run
	West on a true line bet. secs. 8 and 17
12	Cañon road course N. S. and W; thence along road
14,55	Irrigating ditch 4 lks. wide course S 20° W
22,60	" " 5 " " " S 35° W at foot of
	mountain; thence ascending
23,00	Irrigating canal 10 lks wide course S. W.
23,30	Cañon road course N E and S.W.
	Leave road and ascend on rocky broken slope
26,55	Drag road course N W and S E
33,30	Ravine 40 ft. deep course S E
37,55	Wood road (drag road) course N. W. and S. E.
40,05	Set a lava stone 18 x 10 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 inspected
43,00	Descend to gulch
50,10	Bottom of gulch 150 ft. deep course S. E.
59,33	Wood road from Rabbit Valley to Fish Lake Mountains course
	N. E. and S W
65,00	Enter brush thence in cliffs and crags
80,10	The cor. to secs. 7-8-17 and 18
5,50	This cor. stands about 1000 feet above cor. to secs.
22,60	8-9-16 and 17 in the valley,
	Land, sloping bench and broken mountain slope
	Soil, stony alluvial wash on bench 2d rate, mountain
	slope rocky 4th rate
	Timber a few scrubby pinion and cedar along brush
	Mountainous land 67,50 chs. —
	N. 89° W on a random line bet. secs. 7 and 18

Subdivision of T 27 S R 3 E

chains	
76,00	Intersect W. bdy. of Tp. 118 lks N. of cor. to secs. 7-12 13 and 18 on the Fremont Valley guide Meridian: which is a stone firmly set marked and witnessed as described by the Surveyor General.-
	Thence I run
	S 89°51' E on a true line bet. secs 7 and 18
	Descending in rocky crags and cliffs
6,00	Descend gradually
19,00	Bottom of rocky ravine course S.
	Ascending on rocky broken slope
24,00	" gradually
36,00	Set a granite stone 18x12x7 ins. 12 ins. in the ground for 1/4 sec cor. marked 1/4 on N. face from which
	A pinion tree 14 ins. diam. bears S 52°30' W. 50 lks. dist marked 1/4 S B T
	A cedar tree 10 ins. diam. bears N. 55°45' E 35 lks. dist. marked 1/4 S.B.T.; raised a mound of stones 2 ft. base 1½ ft. high N of cor.
	Thence over broken plateau descending gradually
70,65	Edge of break course N E and S W; thence descending in precipitous cliffs and crags
76,00	The cor. to secs. 7-8-17 and 18
	This cor stands 260 ft. below edge of break
	Land mountainous very broken
	Soil rocky and gravely 4th rate
	Timber, scrubby pinion and pine scattering in break and on W ½ mile
	Mountainous land 76,00 chs.
	S 0°3' E on a random line bet. secs. 17 and 18
40,00	Set temp 1/4 sec cor
52,00	I made a careful and systematic search for the 1/4 sec. witness cor. claimed to have been established under a former contract but was unable to find it hence I continued my line.-
80,62	The cor to secs 17-18-19 and 20 bears 25 lks. E. being a stone firmly set marked and witnessed as described by the surveyor general
	Thence I run
	North on a re-survey line bet. secs. 17 and 18
	Ascending gradually along center of [illegible]

Subdivisional of T. 27 S. R. 23 E.

Chains	
24,75	E end of stock. — Canab 9 lks wide course S.W.
25,30	Road to canon course N E and S.W.
29,76	Irrigating ditch 5 lks. wide course S W
	Ascending steep rocky slope facing S E
40,00	Set a lava stone 18 x 11 x 7 ins. 12 ins. in the ground for the reestablished 1/4 sec. cor. marked 1/4 on W. face; raised a mound of stones 2 ft. base 1½ ft. high W of cor. —
	Thence I ann
	N 0° 24' W. on a true line bet N. ½ of secs. 17 and 8
	Ascending on rocky slope
29,00	Top of ridge course Nearly E. and W.
	Descend to canon
22,25	Bottom of " 40 ft. deep course E
	Ascend
34,90	E end brak thence ascending in rocky cliffs and crags
40,62	The cor. to secs. 7-8-17 and 18
	This cor. stands 600 feet above the 1/4 sec. cor on this line. —
	Land Mountainous Very rugged
	Soil rocky and gravely 3d and 4th rate
	Timber, scrubby pinion and cedar along brak, scattering
	Mountainous land 4062 Chs. —
	May 14, 1895

General Description

The portion of this township covered by the present survey is mainly mountainous, but contains some mesa and bottom lands well adapted to cultivation. The mesa or high valley land located in secs. 12-23-26 and 35 has an elevation of about 8 500 feet above sea level, but the hardy varieties of grain mature here in abundance; the soil is a gravely alluvial wash very fertile under irrigation. —

The bottom land along the Fremont River in secs. 9 and 17 is a rich alluvial wash producing abundant crops of grain and fruit with proper irrigation; it has an elevation of about 8 000 feet above sea level

The mountainous land ranging from barren rock to gravely wash; all excelent pasture and

Subdivision of T. 27 S. R. 3 E.

suited for cultivation also, if water could be obtained for irrigation. —

A large portion of the township is covered with a scrubby growth of pinion, cedar, mountain mahogany and aspen, suited for firewood only, and along the eastern edge on the slope of Thousand Lakes mountains some pine timber suited for milling purposes. —

There are no mines nor quarries of any kind nor any indications of mineral veins or deposites.

The township is watered by the Fremont or Dirty Divil River, a fine mountain stream running through the north-western portion; and a few small streams which head in the Thousand Lakes Mts. —

The town of Fremont located in secs. 19 and 20 on the border of the present survey is a farming settlement: it has a store, hotel, and school-and-meeting house also a gristmill, and a population of about 300. —

There are 9 permanent settlers residing within the limits of this survey; of which J S Bastian has a desert claim No 3087 in secs. 35 and 26; There are 2 settlers in sec. 26; one in sec. 12; two in sec 9 and three in sec 17. —

The improvements in each case consist of a small house, stable and coral, and from 50 to 100 acres under cultivation with the necessary ditches and fences. —

There is a saw mill in sec. 3 of joint ownership, and one in sec 9; both of small capacity. —

Of the applicants for a survey of this township Henry Albrecht is a bona fide settler in sec. 12 Geo. Albrecht and John Albrecht in sec. 9; Martin Pierce was at the time of application a bona fide settler in sec. 17 but recently disposed of his claim to H E Maxfield who is now occupying the same. —

The same condition exists regarding applicant John Elliott, and Hyrum Hart, and applicant John H Taylor, and H E Albrecht. —

The claim of applicant Annie Edwards is located 1/4 mile N. of N. bdy of this Tp. in sec 34 Tp 26 S. R 3 E but belived to be in this Tp. at time of application —

Applicant Tom Sly is located in the N. E. portion of Tp 28 S R. 3 E.; belived himself to be within this Tp. at time of application. —

Applicant Wilber C Foss has made desert subject No 2844

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Subdivisions of T 27 S R 3 E

on N.E.¼ sec. 9 - N.W.¼ of N.W.¼ of sec. 10 and S.W.¼ of S.E.¼ sec. 4. 1 but little has so far been done to reclaim it. — Applicant Nathan Prim has since left that vicinity he had an interest in D.E. No. 2844 but if he had any other claim I was unable to learn. - Applicant Martin Weight has since left the vicinity and I was unable to learn where his claim was located.

Andrew P. Hanson
U.S. Deputy Surveyor

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List of Names.

A list of the names of the individuals employed by Andrew P Hanson, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the Subdivision lines of Township 2 S. Range 3 East of the Salt Lake Base and Meridian, in Utah, showing the respective capacities in which they acted:

Andrew F. Rieser	Chainman
Wm H. Towne	Chainman
Joshua Gardner	Axeman
Wm T. McKeever	Axeman
Ray Davis	Flagman

Final Oath of Assistants:

We hereby certify that we assisted ..... , U. S. Deputy Surveyor, in surveying all those parts or portions of the ..... Meridian, ... , as 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 U. S. Surveyor General for .....

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

SEAL

.....

.....

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Final Oath of U. S. Deputy Surveyor.

I, _____, U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions received from _____, U. S. Surveyor General for _____, bearing date of the _____ day of _____, 18 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for _____, the surveying manual, and the laws of the United States, surveyed all those parts or portions of _____

_____

_____

_____

_____

_____ Meridian, in the _____, as are represented in the f[illegible] going 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 surveying [illegible]al printed instructions, the special written instructions of the U. S. 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 Cong[illegible] approved August 8, 1846.

_____

U. S. Deputy Surveyor.

Subscribed and sworn to before me this _____ day of _____, 18 .

_____

SEAL

Approval.

Office of the U. S. Surveyor General,

Salt Lake City, Utah, May 23rd, 1896.

The foregoing field notes of the survey of The Subdivisions of 2 Townships 2 South Ranges 3 East of the Salt Lake Base and Meridian, Utah

_____

_____

_____

_____ executed

Andrew P. Hanson

_____

under his Contract No. 198, dated March 4th, 1895 having been examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, hereby approved.

_____

George Thorne

U. S. Surveyor G[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.

_____

U. S. Surveyor Gener[illegible]

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BOOK A-239

FIELD NOTES

OF THE SURVEY OF

South and West Boundaries

of

Township No 27 South Range No 2 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Andrew P Hansen, U. S. Deputy Surveyor,

Under his Contract No. 198, dated March 4th, 1895.

Survey commenced May 14, 1895.

Survey completed May 16, 1895.

(F630—2,'00.) 6—151

Names and Duties of Assistants.

Andrew F. Rickers Chainsman

Wm H Trowe Chainsman

Joshua Gardner Axesman

Wm P Jno Keever Axesman

Ray Davis Flagman

BOOK A-239

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Meanders Page..... .....

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WE, _____

_____

_____

do solemnly swear that we will well and faithfully execute the duties of chain carriers; 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 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 _____

_____

_____

_____

_____

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman.*

Subscribed and sworn to before me this _____ day of _____, 18 .

_____

_____

WE, _____

_____

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

_____

_____

_____

_____

Subscribed and sworn to before me this _____ day of _____, 18 .

_____, *Axeman.*

_____, *Axeman.*

_____

_____

_____

South boundary of T. 27 S. R. 2 E.

Chains

Survey commenced May 14, 1895 and executed with a W & L E Gurley light mountain transit No. 7 with solar attachment. The horizontal limb is provided with two double Vernier 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 March 16, 1895.

I examine the adjustments of the transit and find it correct then to establish a true meridian for future reference I proceed as follows.—

Near my camp in sec. 26 Tp 27 S R 2 E latitude 38° 26' N. longitude 111° 43' W at 8h 30' p.m. Z.m.t. I observe Polaris in accordance with Manual of Instructions and mark a point in the line thus determined, on a stake driven in the ground 4.70 chs N of my station.—

As obsd. Z.m.t. of obs., May 14		8h 30m,0
U.C. Polaris May 15	21h 43m,0	
Red. to " 13 (add)	7.8	
U.C. Polaris May 13	21 50,8	21 50.8
Hour ang. of Polaris at obs.		10 39.2
Time argument for Table III		10 39.2
Azimuth of Polaris at obs.		0° 32' W cor

May 14, 1895.

May 15: at 7h 15m a.m. Z.m.t. I lay off the azimuth of Polaris 0° 32' to the east and mark the true meridian thus established by cutting a small mark on a stone firmly set in the ground 4.70 chs N. of my station.—

I now set off 18° 55' on the decl. arc and 57° 34' (co-lat) on the lat. arc and at 7h 30' a.m. Z.m.t. determine a true meridian with the solar and find the same to agree without any material difference with the true meridian previously established by observation on Polaris, from which I conclude the instrument is in proper adjustment.—

At the 1/4 sec. cor. bet. secs. 4 and 33 on S. boly of Tp 27 S R 2 E in lat. 38° 25' N. long. 111° 43' W

South boundary of T 27 S R 2 E

Chains described by the surveyor general, at 8 a.m. 7 m.t.
May 15. I set off 51° 35' (colat.) on the lat arc
and 18° 55' on the dec. arc and determine a
meridian with the solar. —
The magnetic bearing of the true meridian is N. 16
9' W.; the angle thus determined reduced by the table
page 100 gives the mean mag. decl. 16° 5' E
Thence I run
West bet. W. ½ of secs. 4 and 33
Ascending in scattering timber
27,00. Top of ridge course N E. 125 ft. high
Descend and leave timber
— 40,00. Set a lava stone 24 x 18 x 11 ins. 18 ins in the ground
for Cor. to secs. 4-5-32 and 33 marked with 4
notches on E and 2 notches on W. edges; raised a
mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
This cor. stands on rocky slope facing W 175 ft.
below top of ridge. —
Land mountainous broken and rolling
Soil stony and gravely 3d rate
Timber scrub cedar and pinion scattering
Mountainous land 40,00 chs. —

West bet. secs. 5 and 32
Descending
10,44 Dry wash in bottom of gulch 75 ft. below cor. course N E
Ascending gradually on broken slope facing S.
40,00 Set a lava stone 18 x 10 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. — Descend
50,00 Bottom of gulch course S.W. near its head
54,50 Foot of ridge ascend on broken slope in scattering timb
64,30 Top of ridge course N. E 130 ft. high
Descending, leave timber
— 80,00 Set a trachyte stone 18 x 12 x 7 ins. 12 ins. in the ground
for cor. to 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
This cor. stands on slope facing W. 250 ft. below top of
last ridge. —

South boundary of T 27 S R 2 E

Chains Soil stony and gravely 3d rate
Timber scrubby pinion and cedar scattering
Mountainous land 80,00 chs. —

West bet. secs. 6 and 31
Descending
3,70 Bottom of gulch course N 25 ft. below cor.
Ascending on broken slope facing E
14,50 Top of ridge course N and S 260 ft. above cor.
Thence over rolling surface sloping N. ascending gradually
40,00 Set a lava stone 18 x 12 x 7 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
53,50 Top of ridge course N. - Descend
63,10 Dry wash course N 20° E in gulch 70 ft. deep -
Ascend
71,55 Top of ridge course N 25° E 110 ft. high
Descending gradually
78,28 Set a lava stone 26 x 12 x 6 ins. 19 ins. in the ground for cor. to Tps. 27 and 28 S. Rs. 1 and 2 E marked 27 S on N.E. 2 E on S.E. 28 S. on S.W. and 1 E on N.W. faces with 6 notches on each edge; raised a mound of stones 3 ft. base 2 ft. high S. of cor. Pits impracticable.
Land mountainous broken and rolling
Soil stony and gravely 3d rate
Timber, a few scrubby cedar scattering.
Mountainous land 78,28 chs. —
May 15: at this cor. I set off 18°57' on the decl. arc and at 11h 56' a.m. t.m.t. observe the sun on the meridian; the resulting lat. is 38°25'

From the Tp cor. above described I run
North bet. secs. 31 and 36
Descending on broken slope
36,35 Dry wash course N E in bottom of gulch 125 ft. deep -
Ascending gradually on broken surface
40,00 Set a lava stone 18 x 9 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 ft. base 1½ ft. high W. of cor. Pits impracticable
80,00 Set a lava stone 18 x 10 x 9 ins. 12 ins. in the ground for cor. to secs. 25-30-31 and 36 marked with
[illegible]

West boundary of T. 27 S. R. 3 E.

Chains	
	mound of stones 2 ft. base 1½ ft. high W of cor. —
	Pits impracticable
	Land mountainous broken and rolling
	Soil stony and gravely 3d rate
	No timber, sagebrush and thorn undergrowth
	Mountainous land 80,00 Chs. —
	North bet. secs. 25 and 30
	Over broken rocky ground
21,10	Top of cañon; begin descent of steep rocky slope
24,20	Dry wash in bottom of cañon 200 ft. deep course E.
	Ascending on N. side of canon in cliffs
28,75	Top of Cañon; thence ascending gradually on broken slope
40,00	Set a lava 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 ft. base 1½ ft. high W. of cor. — Pits impracticable
46,85	County road from Rabbit Valley to Grass Valley course E. and W.
58,50	Top of ridge 200 ft. above top of canon, course E and W
	Descend
72,75	Bottom of gulch course S.E. 50 ft. deep
	Ascend
80,00	Set a lava stone 18 x 11 x 6 ins. 12 ins. in the ground for Cor. to 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 broken and rolling
	Soil rocky and gravely 3d rate
	Timber a few scrubby cedar in cañon
	Mountainous land 80,00 Chs. —
	May 15: at 3h 15m p.m. T.M.T. I set off 38°27' on the lat. arc. and 18°59' N. on the decl. arc; and determine a true meridian with the solar at the cor. to secs. 19-24-25 and 30 and comparing said meridian with a back sight on the cor. to Tps 27 and 28 S Rs 1 and 2 E which can be plainly seen I find the two lines to agree without any material difference. —
	Thence I run
	North bet. secs. 19 and 24
	Ascending on broken slope

West boundary of T 27 S R 2 E

Chains

13,50 Enter scattering timber

39,00 Top of ridge course S.E. 600 ft. above cor. - Trees on broken plateau in timber

40,00 Set a lava stone 18 x 10 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, from which a pinion bears 9 ins. diam. bears N 81° 45' W 81 lks. dist. marked 1/4 S 13. T.
A pinion bears 6 ins. diam. bears S 8° 30' E 49 lks. dist. marked 1/4 S 13. T.

53,00 Leave timber

53,10 Descend on slope facing N.

80,00 Set a lava stone 18 x 12 x 5 ins. 12 ins. in the ground for cor. to secs. 13-18-19 and 24 marked with 3 notches on S. and N. edges; raised a mound of stones 2 ft. base 1± ft. high W. of cor. - Pits impracticable
This cor stands about 350 feet higher than the sec. cor. 1 mile
Land mountainous broken and rolling
Soil gravelly and stony 3rd rate
Timber scrubby cedar and pinion mostly scattering
Mountainous land 80,00 chs.

North bet. secs. 13 and 18
Descending

10,00 Bottom of gulch course S.E. 150 ft. below cor.
Ascending on rolling surface

46,00 Set a lava stone 18 x 9 x 8 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 1± ft. high W. of cor.
Pits impracticable. -

52,00 Top of ridge course S.E. 300 ft. high
Descending

77,81 Road from Rabbit Valley to Fish Lake course N W S E in bottom of gulch 200 ft. deep draining S.E.
Ascending

80,00 Set a lava stone 18 x 10 x 7 ins. 12 ins. in the ground for cor. to secs. 7-12-13 and 18 marked with - 4 notches on S. and 2 notches on N. edges; raised a mound of stones 2 ft. base 1± ft. high W. of cor
Pits impracticable. -
This cor stands 70 ft. above the road on slope

West boundary of T 27 S R 2 E

chains	
	Land mountainous broken and rolling
	Soil stony and gravely 3d rate
	No timber
	Mountainous land 80,00 chs. —
	May 15, 1895
	May 16: At 8h 30m a.m. 7 m t. I set off 38°28' (co lat. 57°32') on the lat arc and 19°9' on the decl. arc; and determine a true meridian with the solar at the cor. to secs. 7-12-13 and 18
	Thence I run
	North bet. secs. 7 and 12
	Ascending on broken slope
28,00	Enter scattering timber
39,00	Leave " "
40,00	Set a lava stone 18 x 13 x 5 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face, from which
	A pinion tree 12 in. diam. bears S 19° E. 120 lks. dist. marked 1/4 S B. T.
	A mountain mahogany tree 6 in. diam. bears S 55°50' W 117 lks, dist marked 1/4 S B T; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
52,00	Top of ridge course E 500 ft. above sec. cor.
	Descending steep broken slope
52,90	Enter pine timber
74,05	Bottom of gulch course S 70° E. 240 ft. deep
	Leave timber and ascend
80,00	Set a lava stone 18 x 14 x 4 in. 12 in. in the ground for cor. to secs. 1-6-7 and 12 marked with 5 notches on S and 1 notch on N. edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. — Pits impracticable
	This cor. stands 370 ft. higher than cor to secs 7-12-13 and 18
	Land mountainous broken an rolling
	Soil stony and gravely 3d rate
	Timber scrubby pinion and cedar
	Mountainous land 80,00 chs. —
	North bet. secs 1 and 6
	Ascending on broken slope
12,50	Foot of cliffs 40 ft. high course E and W.
	Enter aspen timber and ascend among large bowlders of

West boundary of T 27 S R 2 E

Chains	
40.00	Set a lava stone 18 x 12 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 ft. base 1½ ft. high W of cor. Pits impracticable This cor. stands close to the west side of a bowlder 18 x 12 x 8 ft. above ground which is marked 1/4 S 13.0. 5 ft. above corner. —
48.50	Leave timber.
79.86	Intersect S. bdy. of Tp. 26 S R 2 E. S 89° 59' W 77.92 chs. from the cor. to Secs. 5-6-31 and 32 Tps. 26 and 27 S R 2 E which is a stone firmly set and set and witnessed as described by the surveyor general Set a lava stone 18 x 10 x 9 ins. 12 ins. in the ground for closing cor. to Tp. 27 S. Rs. 1 and 2 E marked CC 27 S on S. 2 E on E and 1 E on W faces with 6 grooves on S E and W faces; raised a mound of stones 2 ft. base 1½ ft. high S of cor. - Pits impracticable. The cor. to Tps. 26 and 27 S. Rs. 1 and 2 E I searched for 24 chs E of this cor. persistently and systematically but was unable to find it within a radius of 5.00 chs. and am of the opinion it has been destroyed by snow slide or freshet. — Land Mountainous broken and rolling Soil rocky and gravely 3d rate — Timber aspen brake, from 2 to 4 ins. diam very dense. — Mountainous Land 79.86 chs. —

May 16, 1895 11 30 a.m.

Boundaries of T 27 S R 2 E
latitudes departures and closing errors

Line designated	True bearing	Dist.	Latitudes N	Latitudes S	Departures E	Departures W
		chs.	chs.	chs.	chs	chs.
Fremont Valley Guide Meridian	South	480.00		480.00		
S. bdy. T. 26 S. R. 2 E.	S 89° 59' W	477.92		.14		477.92
S. bdy T. 27 S. R. 2 E.	West (East)	478.28			478.28	
W. bdy T. 27 S. R. 2 E.	North	479.86	479.86			
Convergency						.58
Totals			479.86	480.14 / 479.86	478.28	478.50 / 478.28
Errors in lat.				.28	in def.	.22

General Description

This township is all rough mountainous land but owing to its low altitude it affords good pasture most of the year and much stock was ranging here during the time of my survey. - The township is watered by a few small streams and much of it is covered with timber. The soil is very fertile in some places. - The township should be subdivided. —

Andrew P Hanson
U.S. Deputy Surveyor

15 0 Names.

A list of the names of the individuals employed by Andrew P. Hanson, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the South and West Boundaries of Township 27 South Range 2 East of Salt Lake Base and Meridian, in Utah, showing the respective capacities in which they acted:

Andrew F. Riefen Chainman
Wm. H. Trone Chainman
Joshua Gardner Axeman
Wm. P. McKever Axeman
Ray Davies Flagman

Final Oath of Assistants:

We hereby certify that we assisted ....., U. S. Deputy Surveyor, in surveying all those parts or portions of the ..... Meridian, ..., as 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 U. S. Surveyor General for .....

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

SEAL

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I, ..., U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions received from ....., U. S. Surveyor General for ....., bearing date of the ..... day of ....., 18 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for ....., the surveying manual, and the laws of the United States, surveyed all those parts or portions of

.....

.....

.....

.....

..... Meridian, in the ....., as 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 surveying [illegible] printed instructions, the special written instructions of the U. S. 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 Cong[illegible] approved August 8, 1846.

Andrew P. Hanson
U. S. Deputy Surveyor.

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

SEAL

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City, May 23d, 1896

The foregoing field notes of the survey of the South & West Boundaries of Township 27 South Range No 2 East of the Salt Lake Base & Meridian, Utah

.....

.....

.....

..... executed

Andrew P. Hanson

under his Contract No. 198, dated March 4th, 1895 having been examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, hereby approved.

George W. Snow
U. S. Surveyor General.

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

.....
U. S. Surveyor General.

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BOOK A-239

K. F. B.

FIELD NOTES

OF THE SURVEY OF

East and North Boundaries

of

Township No 2 5 South Range No 2 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Andrew P Hansen, U. S. Deputy Surveyor,

Under his Contract No. 198, dated March 4 1895.

Survey commenced June 21, 1895.

Survey completed June 24, 1895.

(F63)—2,'00.) C—151

* 10-72.96

Andrew F Reifsnider Chairman

Wm H Travis "

Joshua Garland Axeman

Wm P McKeever Flagman

BOOK A-239

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Meanders Page.....

Preliminary Oaths of Assistants.

We, _____

_____

_____

do solemnly swear that we will well and faithfully execute the duties of chain carriers; 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 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 _____

_____

_____

_____

_____

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman.*

Subscribed and sworn to before me this _____ day of _____, 18 .

_____

_____

We, _____

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

_____

_____

_____

_____

Subscribed and sworn to before me this _____ day of _____, 18 .

_____, *Axeman*

_____, *Axeman.*

_____

_____

East boundary of T. 25 S. R. 2 E.

chains

Survey commenced June 21, 1895 and executed with a W. & L. E. Gurley light mountain transit No. 7 with solar attachment. - The horizontal limb is provided with two double verniers placed opposite to each other reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs. -

The instrument was examined, tested on the true meridian at Salt Lake City found correct and was approved by the surveyor general for Utah March 16, 1895.

I examine the adjustments of the transit and correct errors there found: 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. -

At my camp in the N.E. cor. of sec. 26 Tp. 25 S. R. 2 E. latitude 38° 38' N. longitude 111° 42' W. I set off 38° 38' on the lat. arc. and 23° 28' N. on the decl. arc and at 4h 30m 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 6 chs. N. of my station.

At 8h 45m p.m., L.M.T. I observe Polaris in accordance with Manual of Instructions and mark a point in the line thus determined on a stake driven in the ground 6 chs. N. of my station. -

		h	m
Astron. L.M.T. of obs. June 21		8	45
U.C. Polaris	June 20.	19	21.8
Hour ang. of Pol. at obs.		13	23.2
Time argument for Tab. II		10	32.9

Azimuth of Pol. at obs. - - - 0° 34' E

June 21, 1895.

June 22, at 7h a.m. L.M.T. I lay off the azimuth of Polaris 0° 34' to the west and mark the true meridian thus determined on the stone set June 21 on which the true meridian corresponds with the mark determined by the solar, without any appreciable difference. -

At 7h 30m a.m. L.M.T. I set off 38° 38' on the lat. arc and 23° 28' N. on the decl. arc and mark a point in the true meridian determined with the solar on the stone already set 6 chs. N. of my station which mark corresponds with [illegible]

East boundary of T. 25 S R 2 E

chains	Polaris observation without appreciable difference, and I therefor conclude that the adjustments of the instrument are correct.—
	June 22: At the standard cor. of Tps. 25 S R S. 2 and 3 E latitude 38° 36' N. longitude 111° 41' W. I set off 38° 36' on the lat. arc, 23° 28' N. on the decl. arc and at 8h 40m. a.m. t.m.t. determine a true meridian with the solar. The magnetic bearing of the true meridian thus determined is N. 16° 1' W. and the angle made reduced by the table page 100 of the manual gives the mean mag. decl. 15° 56' E. — From the standard cor. above described which is a stone firmly set marked and witnessed as described by the surveyor general. I run north on a random line on E. bdy of T 25 S R 2 E 120,00 chs whence the 1/4 sec. cor. on E. bdy. of of sec 25 bears E. 71 lks. dist being a stone firmly set marked and witnessed as described by the surveyor general.— The falling answers to a correction of 0° 20' or 47 lks. W per mile counting from S.E. cor. of Tp. therefor I run S 0° 20' W. bet. S. half of secs. 25 and 30 Ascending on steep broken N. slope in timber
35,00	Timber becomes scattering and mostly dry
40,00	Set a trachyte stone 18 x 9 x 6 ins. 12 ins. in the ground for cor. of secs 25-30-31 and 36 marked with 1 notch on S. and 5 on N. edges; raised a mo. of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable This cor. stands on N. slope 400 ft. above the 1/4 sec. cor. Land mountainous. Soil gravely and rocky 3d rate Timber aspen and pine of fair quality Mountainous land 40,00 chs.—
	S 0° 20' W. bet secs. 31 and 36 Ascending on broken slope facing N.
40,00	Set a trachyte stone 17 x 12 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face 1 raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable.— Thence on N.E. slope
80,00	The standard cor. of Tps. 25 S R S. 2 and 3 E This cor. stands on N.E. slope near top of ri[illegible] and 950 ft.

East boundary of T. 25 S. R. 2 E.

chains	
	above cor to secs. 24 - 30 - 31 and 36 Level mountainous Soil gravely and rocky 3d rate Timber, pine and aspen, scattering, mostly dry Mountainous land 8,000 chs. -
	From the 1/4 sec. cor. on E bdy of sec. 24 which is a stone firmly set marked and witnessed as described by the surveyor generals, I run North 1st. 8 half of secs. 19 and 24 Ascending on S.W. slope in timber
4,000	Set a lava stone 18 x 10 x 7 ins. 12 ins. in the ground for cor. of secs. 13-18-19 and 24 marked with 3 notches on S and N edges. ; from which A pine tree 14 ins. diam. bears N 23° 45' W. 36 lks dist marked T 25 S R 2 E S 13 13. T. A pine tree 7 ins. diam. bears S 20° 15' E 20 lks. dist. marked T 25 S R 3 E S 19 13 T. - No other tree within limits ; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. - This cor stands 5.20 ft. above 1/4 sec. cor. on S W slope Level mountainous very broken Soil rocky and gravely 4th rate Timber aspen of small size, mountain mahogany, and a few scattering pine. - Mountainous land 4,000 chs.
	North bet. secs. 13 and 18 Ascending on S.W. slope in timber
4,000	Set a lava stone 18 x 10 x 9 ins. 12 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face from which. A pine tree 16 ins diam. bears. S 15° 30' W. 35 lks. dist. marked 1/4 S. 13. T. A pine tree 20 ins diam bears. S 71° 10' E 31 lks. dist. marked 1/4 S 13. T. ; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. This cor. stands on rocky broken S.W. slope 500 ft. above cor. to secs. 13-18-19 and 24
46,50	Top of sharp rocky ridge 150 ft. above 1/4 sec. cor. bears. S. 25° E and N 25° W. extending N. & S. arrow which forms part of this ridge and is about 900 ft. higher

East boundary of T. 25 S. R. 2 E.

chains	Begin descent on steep rocky slope E.
80.00	Set a lava stone 20 x 11 x 5 inches, 15 inches in the ground for cor. of secs. 7-12-13 and 18 marked with 4 notches on S. and 2 notches on N. edges; from which A pine tree 8 inches diam. bears S. 68° 30' W. 10 lks. dist. marked T. 25 S. R. 2 E. S 13. B.T. A pine tree 7 inches diam. bears N 27° W. 22 lks. dist. marked T. 25 S. R. 2 E. S. 12 B T A pine tree 5 inches diam. bears N 36° 32' E 20 lks. dist. marked T 25 S R 3 E S 7 B.T. An aspen tree 5 inches diam. bears S 28° 10' E 28 lks. dist. marked T 25 S R 3 E S 18 B.T.; raised a mound of stone 2 ft. base 1½ ft. high W. of cor. This cor. stands on E. slope 500 ft. below top of ridge Land Mountainous Soil rocky 4th rate Timber pine and aspen of fair size Mountainous land 80.00 chs. —
	North between secs. 7 and 12 Ascending gradually over broken rolling slope E. in timber. —
40.00	Set a lava stone 24 x 10 x 6 inches, 18 inches in mound of stone 2 ft. base on rocky surface, from which A pine tree 9 inches diam. bears S. 64° E 41 lks. dist. marked 1/4 S. B.T. A pine tree 5 inches diam. bears N. 80° 30' W 42 lks. dist. marked 1/4 S. B.T.
80.00	Set a lava stone 18 x 13 x 6 inches, 12 inches in the ground for cor. of secs. 1-6-7 and 12 marked with 5 notches on S and 1 on N. edges, from which A pine tree 7 inches diam. bears S 26° 35' W. 49 lks. dist. marked T 25 S R 2 E S 12 B.T. A pine tree 12 inches diam bears N 48° 5' W. 40 lks. dist. marked T 25 S R 2 E S 1 B.T. A pine tree 10 inches diam. bears S 58° 30' E 25 lks. dist. marked T 25 S R 3 E S 7 B.T. A pine tree 9 inches diam. bears N 71° 20' E 21 lks. dist. marked T 25 S R 3 E S 6 B.T. This cor. stands on E. slope 550 ft. above cor of secs. 7-12-13 and 18 Land mountainous

East boundary of T 25 S R 2 E

chains Soil rocky and gravely 3d rate
Timber pine and aspen of good size and quality
Mountainous land 8000 chs.

North bet. secs. 1 and 6
Ascending gradually on broken slope E. in timber
30,00 Leave timber, enter bed of huge lava bowlders.
40,00 Set a lava stone 30 x 14 x 6 in. 24 in. in mound of stones 3 ft. base for 1/4 sec. cor. marked 1/4 on W. face from which
A pine tree 12 in. diam. bears S 20° 5' W 17 lks. marked 1/4 S B.T.
No other trees within limits. - Pits impracticable
53,00 Enter timber; leave lava slide
59,00 Top of spur running E. from Mt. Marvin thence descending gradually on E slope
80,00 Set temporary cor. for Tps. 24 and 25 S Rs. 2 and 3 E.
This temp. cor. stands on N.E. slope 470 ft. above cor. of secs. 1-6-7 and 12
Land mountainous.
Soil rocky and gravely 3d and 4th rate
Timber pine of large size and dense growth
Mountainous land 8000 chs.

June 22, 1895

June 23: At 8h 15m a.m., l.m.t. I set off 38° 41' on lat. arc. and 23° 27' N on the decl. arc. and determ. a true meridian with the solar at the temp. cor. to Tps. 24 and 25 S Rs. 2 and 3 E
Thence I run
West on a random line along the N. bdy. of Tp. 25 S R 2 setting temp 1/4 sec and sec. cors. at intervals of 40,00 ch. and at 472,96 chs. intersect W. bdy. of Tp. 61 lks. S of of cor. of Tps 24 and 25 S. Rs. 1 and 2 E; the falling answers to a correction of 0° 4' or 9 lks. N. per mile counting from the N.E. cor of the Tp.; therefor I run S 89° 56' E. bet. secs. 6 and 31
Over lava bed
0.55 Leave " " enter timber and willow brush
Thence descending
the [illegible] head 8 lks. with rapid current

North boundary of T 25 S R 2 E

Chains	
	course S. 20° W in bottom of gulch 50 lk. below cor.
7.94	leave Willows and ascend on W. slope, in aspen brsh
21.06	Leave aspen
32.96	Set a lava stone 18 x 10 x 6 ins. 12 ins. in the grd for 1/4 sec. cor. marked 1/4 on N. face: from which An aspen tree 6 ins. diam. bears S 8° 45' E 27 lks. dist. marked 1/4 S B.T. An aspen tree 6 ins. diam. bears S 37° W. 53 lks. dist. marked 1/4 S. B.T. - Raised a mound of stones 2 ft. base 1½ ft. high N of cor.
33.10	Entered aspen timber and brake
37.90	Top of spur running S W. - Begin descent
40.05	Leave timber and brake
57.02	Stream 3 lks. wide flows S.W. in bottom of gulch 190 ft. deep
57.60	Begin ascent on W. slope
72.96	Set a lava stone 18 x 10 x 5 ins. 12 ins. in the ground for cor. of secs. 5-6-31 and 32 marked with 1 notch on and 5 notches on E. edges. from which An aspen tree 9 ins. diam bears S 17° 0' E. 20 lks dist. marked T 25 S R 2 E S 5 B.T. An aspen tree 5 ins. diam bears S 23° 30' W. 33 lks. marked T 25 S R 2 E S 6 B.T. An aspen tree 5 ins. diam. bears N 72° 30' E 80 lks. dist. marked T 24 S R 2 E S 32 B T No other trees within 4 links. - Raised a mound of stones 2 ft. base 1½ ft. high N. of cor. - This cor. stands on W slope in edge of aspen timber 400 ft. above Tp cor. Land mountainous broken and rolling Soil gravely 2d rate Timber aspen of small size Mountainous land 72.96 chs. -
	S 89° 30' E bet. secs. 5 and 32. Ascending
.12	Enter aspen timber
.60	Top of spur running S 30° W. to gulch Begin descent over huge bowlders. scattering
7.00	leave timber and bowlders.
4.70	[illegible]

North boundary of T 25 S R 2 E

chains 230 ft. deep

26,00 Stream below huge bowlder, heard but not seen; flows S

27,10 Leave lava bed and bottom of gulch thence ascen

29,50 Enter aspen timber and scattering pine

40,00 Set a lava stone 26 x 9 x 7 in 20 in. in ground and mound of stones for 1/4 sec. cor. marked 1/4 on N. face from which

An aspen tree 5 in. diam. bears S 72°30' E 16 lks. dist. marked 1/4 S.B.T.

An aspen tree 6 in. diam. bears N 30° W, 26 lks. dist. marked 1/4 S B.T.

78,25 Top of ridge running N. from plateau 900 ft. above cor to secs. 5-6-31 and 32 .-

Begin descent on E slope

80,00 Set a lava stone 18 x 11 x 7 in. 12 in. in the ground for cor. of secs. 4-5-32 and 33. marked with 2 notches on W. and 4 notches on E edges. from which

A pine tree 18 in. diam. bears S 16°40' E 129 lks. dist. marked T 25 S R 2 E S 4 B.T.

A pine tree 10 in. diam. bears S 7°16' W. 91 lks. dist. marked T. 25 S.R.2 E. S. 5 B.T.

No other trees within limits: raised a mound of stones 2 ft. base 1½ ft. high W. of cor.

This cor stands on E slope 40 ft. below top of ridge

Land Mountainous

Soil gravely 2d and 3d rate

Timber, aspen of small size on W. half, on E half aspen and pine of fair size and quality

Mountainous land 80,00 chs.

June 23. 1895

June 24, at 7h 40m a.m., l.m.t. I set off 38°41' on the lat. arc. and 23°26' N on the decl. arc and determine a true meridian with the solar at the cor. of secs. 4-5-32 and 33

Thence I run

S 89°56' E bet. secs. 4 and 33

Descending on E slope in scattering timber

10,20 Bottom of gulch 190 ft. below sec. cor. course N

Begin ascent on steep W. slope

20,00 Top of ridge running N. from plateau and about the

[illegible] ft. above bottom of [illegible] ch: this is

North boundary of T 25 S R 2 E

Chains	
	the divide between the watersheds of Sevier and Freemont Rivers.
	Begin descent on E. slope, broken and rocky
26.00	Enter pine and aspen timber
40.00	Set a lava stone 20 x 10 x 4 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, from which
	a pine tree 6 ins. diam. bears N 30° E 65 lks. dist.
	marked 1/4 S B.T.
	a pine tree 6 ins. diam bears N 70° W. 38 lks. dist.
	marked 1/4 S B T; raised a mound of stones 2 ft. base 1½
	ft. high N. of cor.
80.00	Set a trachyte stone 18 x 9 x 8 ins. 12 ins. in the ground
	for cor. of secs. 3-4-33 and 34 marked with 3 notches
	on E and W edges; from which
	a pine tree 20 ins. diam. bears N 58° 28' E 21 lks. dist.
	marked T 24 S R 2 E S 34 B.T.
	A pine tree 6 ins. diam bears N 58° 5' W. 61 lks dist.
	marked T. 24 S. R. 2 E. S 33 B.T.
	An aspen tree 10 ins. diam. bears S 62° 14' E 30 lks. dist.
	marked T. 25 S. R. 2 E. S. 3 B.T.
	An aspen tree 6 ins. diam. bears S 20° 12' W 5½ lks dist.
	marked T. 25 S. R. 2 E, 4 B.T.
	This cor. stands on E. slope 980 ft. below top of ridge
	Land mountainous
	Soil rocky and gravely 3d rate
	Timber. Pine and aspen of fair quality.
	Mountains land 80.00 chs.

	S 89° 56' E bet. secs. 3 and 34
	Descending in timber
22.00	Leave timber
33.28	Spring branch 2 lks wide flows N 70° E descent heavier less steep
40.00	Set a lava stone 18 x 9 x 7 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. —
55.83	Road from Sevier Valley to Fish Lake course N and S
65.25	Seven mile creek 11 lks wide flows S in bottom of open gulch locally known as Seven Mile Flat; 870 ft. below cor. W secs. 3-4-33 and 34
	[illegible]

North boundary of T 25 S R 2 E

chains undergrowth. -

8,00 set a lava stone 26 x 14 x 11 in. 18 in. in the ground for cor. of secs. 2-3-34 and 35 marked with 4 not on W. 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 90 ft. above creek. -
Land Mountainous rolling and broken
Soil gravely 1st and 2nd rate
Timber aspen and scattering pine, and dense undergro of willow and thorn E of creek
Mountainous land and dense undergrowth 8,00 chs.

S 89° 56' E bet. secs. 2 and 35
Ascending gradually in dense undergrowth and s meadow

7,50 Leave swampy ground thence in rank sagebrush and W
20 03 Spring branch 2 lks wide course S.W.
33,00 Foot of mountain 280 ft. above sec. cor. thence ascending on steep slope facing W.; leave dense undergrowth
40,00 Set a white lava stone 28 x 12 x 10 in. 21 in. in the d for ¼ sec. cor. marked ¼ on N. face from which
An aspen tree 7 in diam. bears N 47° 45' E 32 lks. marked ¼ S B T
An aspen tree 4 in. diam. bears S 82° 5' E 25 lks. dist. marked ¼ S.B.T.
This cor. stands 400 ft. above cor. to secs. 2-3-34 and 35
40,25 Enter timber; mainly aspen of small size
68,00 " dry burnt pine timber
80,00 Set a lava stone 18 x 10 x 7 in. 12 in. in the g for cor. of secs. 1-2-35 and 36 marked with 5 note on W and 1 notch on E edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. -
Pits impracticable. -
All trees within limits dry. -
This cor stands stands 870 ft. above the ¼ sec cor on this line
Land mountainous and sloping bottom.
Soil gravely 1st and 2nd rate
Timber aspen and a few scattering pine and heavy pine forest burnt.
growth of willow thorn and sagebrush

North boundary of T 25 S R 2 E

Chains	
	Mountainous land and dense undergrowth 80,00 chs. June 24: at this cor. I set off 23° 25' 30" on the decl. arc. and at 12h M. Z.m.Z. observe the sun on the meridian the resulting lat. is 38° 41'.—
	S 89° 56' E bet. secs 1 and 36
	Ascending in dry timber on W slope
15,50	Leave dry and enter green timber. thence on N W slope
28,00	Timber becomes scattering and ground rocky
32,00	Ascend in slide rock on W slope leave timber
40,00	Set a lava stone 30 x 14 x 8 in. 24 in. in mound of stones 3 ft. base 2 ft. high in rock slide for 1/4 sec. cor. marked 1/4 on N. face.— Pits impracticable No natural bearing objects could be obtained within limits.—
	Thence ascending on precipitous crest of mountain course N and S.—
44,45	Top of Mount. Marvin, locally known as The Blade a sharp rocky ridge 25 ft. wide, bears N and S 1030 ft. above cor. to secs. 1-2-35 and 36 and 360 ft. above 1/4 sec cor on this line.—
	The highest point of Mt Marvin about 150 ft. higher than this line bears S 5° E about 16 chs. dist and has an elevation of 11,400 ft. it is composed of horizontal strata of lava.—
	Begin descent on E. slope in rock slide
50,00	Bottom of slide 360 ft below top of ridge thence descending on rocky broken slope N. E.
61,00	Enter timber
80,00	The temporary cor. of Tps. 24 and 25 S Rs. 2 and 3 E set a trachyte stone 18 x 11 x 9 in, 12 in in the ground for cor. of Tps. 24 and 25 S Rs 2 and 3 E marked with 6 notches on each edge from which
	A pine tree 18 in. diam. bears. N 1° 2' E 14 lks. dist. marked T 24 S R 3 E S 31 B.T.
	A pine tree 24 in. diam. bears S 7° 35' W. 11 lks. dist. marked T 25 S R 2 E S 1 B T
	A pine tree 5 in. diam. bears S 28° 12' E 6 lks. dist. marked T 25 S R 3 E S 6 B.T.
	A pine tree 6 in. diam. bears N 86° 28' W. 4 lks. dist. marked T 24 S R 2 E S 36 B.T.—

North boundary of T 25 S R 2 E

Chains. This cor stands on N.E. slope 720 ft. below top of land mountainous.-
Soil rocky — above rating —
Timber, pine, large size and heavy growth —
Mountainous land 80,00 chs.-

June 24, 1895.

Note As the exteriors of this township will not close within the limits it becomes necessary to retrace the S bdy. in order to locate the error. —

Boundaries of T 25 S R 2 E

Latitudes dep. mean and closing errors

Line designated	True bearing	Distance	Latitude N	Latitude S	Latitude E	Latitude W
		chs.	chs.	chs.	chs.	chs.
5th St. Parallel South	West	473,76				473,76
E. bdy. T 25 S R 1 E	North	480,00	480,00			
E. bdy. T 25 S R 2 E	(South) S 0°20' W.	481,00		360,00 120,00		.71
N. bdy. T 25 S 2 E	S 89°56' E	472,96		.61	472,96	
Convergency					.58	
Totals			480,00	480,61 480,00	473,54	474,47 473,54
Errors in La				.61	in Dep.	.93

The unsurveyed portion of this township is all mount with the exception of a narrow strip of meadow land along seven mile creek in sec 2-11 and 14 which is somewhat rolling and broken. — The township is well watered and well timbered and the soil is very fertile all good pasture without irrigation. The township should be subdivided.-

Andrew P Hanson
U.S. Deputy Surveyor

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List of Names.

A list of the names of the individuals employed by Andrew P Hanson, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the East and north boundaries of Tp 25 S R 2 E of the Salt Lake Base and Meridian, in Utah, showing the respective capacities in which they acted:

Andrew F Riepen Chainman
Wm H Trone "
Joshua Gardner Axeman
Wm P McKeever Flagman

Final Oath of Assistants:

We hereby certify that we assisted ....., U. S. Deputy Surveyor, in surveying all those parts or portions of the ..... Meridian, ..., as 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 U. S. Surveyor General for .....

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

SEAL

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Final Oath of [illegible] eputy urveyor.

I, _____, U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions received from _____, U. S. Surveyor General for _____, bearing date of the _____ day of _____, 18 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for _____, the surveying manual, and the laws of the United States, surveyed all those parts or portions of _____

_____

_____

_____

_____

_____ Meridian, in the _____, as 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 surveying manual, printed instructions, the special written instructions of the U. S. 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.

_____

U. S. Deputy Surveyor.

Subscribed and sworn to before me this _____ day of _____, 18 .

SEAL

_____

_____

Approval.

Office of the U. S. Surveyor General,

Salt Lake City, Utah, May 23, 1896

The foregoing field notes of the survey of the East & North Bound of Township 25 South Range 2 East of the Salt Lake Base & Meridian, Utah

_____

_____

_____

_____

_____

_____ executed by

Andrew P. Hansen

under his Contract No. 198, dated March 4th, 1895, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George W. Snow

U. S. Surveyor General.

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

_____

U. S. Surveyor General.

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BOOK A-239

FIELD NOTES

OF THE SURVEY OF

Subdivision Lines

of

Township No. 25 South Range No. 2 East

Of the Salt Lake Principal Meridian,

State of Utah,

AS SURVEYED BY

Andrew P. Hansen, U. S. Deputy Surveyor,

Under his Contract No. 198, dated March 4, 1895.

Survey commenced June 25, 1895.

Survey completed July 3, 1895.

ames an

Andrew F Riepen Chairman

Wm H Trone "

G S Forsyth "

Joshua Gardner "

Wm P McKeever axeman and Flagman

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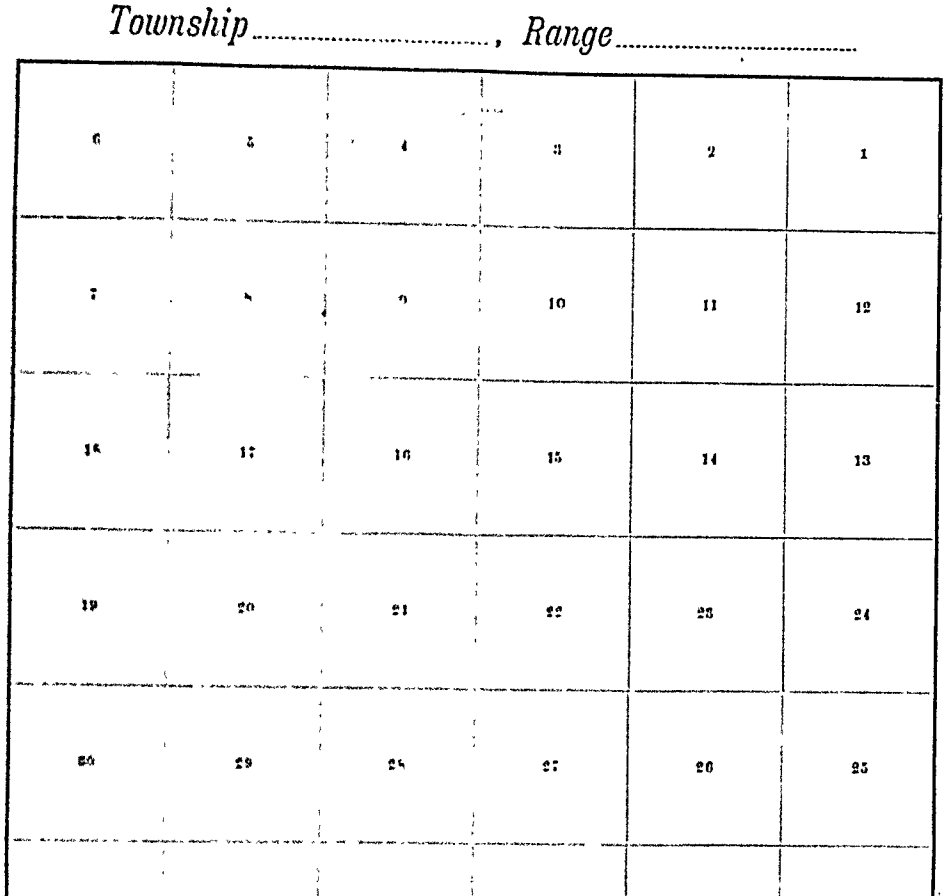
BOOK A-239

INDEX DIAGRAM.

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



Meanders Page..... .....

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We, _____

_____

_____

do solemnly swear that we will well and faithfully execute the duties of chain carriers; 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 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 _____

_____

_____

_____

_____

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman.*

Subscribed and sworn to before me this _____ day of _____, 18 .

_____

_____

We, _____

_____

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

_____

_____

_____

_____

Subscribed and sworn to before me this _____ day of _____, 18 .

_____, *Axeman.*

_____, *Axeman.*

_____

_____

_____

Resurvey of 5th Standard Parallel South through R 2 E

Chains: Survey commenced June 25, 1895 and executed a W. & L E Gurley light mountain transit No 7 with solar attachment. – The horizontal limb is with two double verniers placed opposite to each, reading to single minutes of arc, which is also least count of the verniers of the latitude and ten 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 March 16, 1 5.

Note: As I made a thorough test of my instrument on June 21 in connection with the exterior boundaries of this township and am confident of its accuracy I deem it unnecessary to make further tests at this time. –

Preliminary to commencing the ~~the~~ subdivision of this township I go to the standard cor. of secs. 33 and 34 on S. bdy. of Tp. which is a stone firmly set marked and witnessed as described by the surveyor general and at 7h 57m. a.m. t.m.t. June 25: set off 38° 36' on the lat. arc and 23° 25' N. on the decl. arc and determine a true meridian with the solar. –

Thence I run West on a retracement line along 5th Standard Parallel South. –

I find the alinement good but the measurements short on every mile and at 2 miles 73,76 chs. intersect the standard cor. to Tps 25 S Rs. 1 and 2 E as herein before described, and as the sections on the N. of this line have not been subdivided. I resurvey the line as follows

From standard cor. of Tp. 25 S Rs. 1 and 2 E. I run East on S. bdy. of sec. 31 — On broken plateau in scattering

18,83 The closing cor. of Tps. 26 S. Rs 1 and 2 E. on line

25,00 Begin descent on S.E. slope of cañon

Difference between measurements of 33,76 chs. by two sets of chainmen is 18 lks.; position of middle point

By 1st set 33,85 chs.

By 2nd set. 33.67 chs. the mean of which is

33,76 set a trachyte stone 18 x 10 x 6 ins. 12 ins. in the grou for standard 1/4 sec. cor. marked S.O. 1/4 on N. face, a mound of stones 2 ft. base 1½ ft. high N. of cor. Pit imp

4000 A careful search failed to discover any traces of old St. 1/4 sec.

" " 300 ft. deck

Resurvey of 3rd Standard Parallel South - through R 2 E

Chains. Begin ascent on W. slope, thick and rocky
Difference between measurements of 73,76 chs. by two sets of chainmen is 12 lks.; position of middle point
By 1st set 73,82 chs.
By 2nd set 73,70 chs. the mean of which is
73,76 Set a trachyte stone 18 x 9 x 6 ins. 12 ins. in the ground standard cor. of secs. 31 and 32 marked S.C. on N. with 1 groove on W. and 5 grooves on E. faces; and a mound of stones 2 ft. base 1½ ft. high N of cor. —
Pits impracticable. —
From this cor. the old standard cor. of secs. 31 and 32 is a stone bears E. 3,78 chs. dist. O obliterate all traces of old cor.
Land mountainous
Soil rocky and gravelly
Timber pine scattering. —
June 25: at this cor. O set off 23° 24' N. on the decl. and at 12h m 2 m.t. observe the sun on the meridian
The resulting lat. is 38° 36'

East on S. bdy of of secs 32
ascending.
3,40 Top of slope enter rolling plateau thence in scattering
Difference between measurements of 40,00 chs. by two sets of chainmen is 4 lks.; position of middle point
By 1st set. 40,02 chs.
By 2nd set 3998 chs.; the mean of which is
40,00 Set a trachyte stone 17 x 10 x 7 ins. 12 ins. in the ground for standard ¼ sec cor. marked S.C. ¼ N. face; raised a mound of stones 2 ft. base 1½ ft. high N of cor. Pits impracticable
From this cor. the old standard ¼ sec cor. which is a stone bears N 89° 54' E 2,81 chs. dist. O destroy old cor.
Thence beginning descent on E. slope.
Difference between measurements of 80,00 chs by two sets of chainmen is 16 lks.; position of middle point
By 1st set 80,08 chs.
By 2nd set. 79,92 chs. the mean of which is
5,20 Set a lava stone 18 x 12 x 7 ins.; 12 ins. in the ground for standard cor. of secs. 32 and 33 marked S.C. on with 2 grooves on W. and 4 grooves on E. faces; raised a mound of stones 2 ft. base 1½ ft. high

Resurvey of 5th Standard Parallel south through R 2 E

chains

Pits impracticable.

This cor. stands on E slope in aspen brake.

From this cor. the old standard cor. of sec. 32 and 33 bears S. 89° 3' E 1,10 chs. dist.; I destroy all traces of old cor. —

Land mountainous

Soil gravely and rocky 3d rate

Timber pine scattering on plateau, on E. slope aspen and a few scattering pine. —

East on S bdy of sec 33

Descending on steep E slope in dense aspen brake

Difference between measurements of 40,00 chs. by two sets of chainmen in 14 hrs.; position of middle point

By 1st set 40,04 chs.

By 2nd set. 39,98 chs. The mean of which is

40,00 Set a trachyte stone 18 x 9 x 7 ins. 12 ins. in the ground for standard 1/4 sec. cor. marked S. C. 1/4 on N. face raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable. —

From this cor. the old standard 1/4 sec. cor. bears E. 28 l dist. I destroy all traces of old standard 1/4 sec. cor.

60,00 Leave aspen brake and descend on gradual slope

76,80 Fish Lake road bears NE and SW

Difference between measurements of 80,00 chs. by two sets of chainmen in 10 hrs; position of middle pt

By 1st set 80,03 chs

By 2nd set. 79,94 chs. the mean of which is

80,00 The standard cor. of sec. 33 and 34

Land mountainous

Soil gravely and rocky 3d rate

Timber aspen of small size but dense

June 25th, 1893, 3.10 p.m.,

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PAGE

Subdivision of T. 25 S. R 2 E.

chains	
	From the standard cor. of secs. 35 and 36 on S bdy of Tp. 25 S. R 2 E. which is a stone firmly set, marked and witnessed as described by the surveyor general. Runs N 0° 20' E on a random line bet. secs 35 and 36
4,00	Set limst. 1/4 sec. cor.
8,00	Intersect E and W. line 72 lks. E. of cor. of secs. 25-26-35 and 36 which is a stone firmly set marked and witnessed as described by the surveyor general
	Thence from said cor. Runs
	S 0° 11' E. on a true line bet. secs. 35 and 36
	Descending in S E slope
2,95	Dry wash in bottom of gulch 30 ft. below cor. course N. E.
	Begin ascent on N slope
8,40	Enter pine timbered ascent becomes cliffy
40,00	Set a trachyte stone 18 x 9 x 7 ins. 12 ins in the ground for 1/4 secs. cor. marked 1/4 on W. face from which
	An aspen tree 6 ins. diam. bears N 3° 12' E 21 lks. dist. marked 1/4 S. B. T.
	An aspen tree 6 ins. diam. bears S 6° 40' E 32 lks. dist. marked 1/4 S. B. T.
78,65	Perpendicular cliff 30 ft high bears E and W.
78,75	Enter W. slope of ridge bears E and W
80,00	The standard cor. of secs. 35 and 36
	This cor. stands 1150 ft. above cor. of secs. 25-26 35 and 36
	Land Mountainous
	Soil gravelly and rocky
	Timber Pine and aspen, heavy growth
	Mountainous land 80,00 chs. —

	From cor. of secs. 25-26-35 and 36 Runs
	East on a replacement line
39,75	Intersect the 1/4 sec. cor. bet. secs 25 and 36 which is a stone firmly set marked and witnessed as described by the surveyor general
	Thence Runs
	East on a random line bet. east. half of secs. 25 and 36
39,75	Intersect E. bdy of Tp. at cor. of secs. 25-30-31 and 36.

Subdivision of T. 25 S R 2 E

Chain	West on a true line bet. secs. 25 and 36
	Descending gradually on N W slope in timber
39,75	Thr 1/4 sec. cor. bet. secs. 25 and 36
	Land mountainous.
	Soil rocky and gravelly 3rd rate
	Timber pine and aspen, scattering on E half; on W half heavy growth
	Mountainous land 39,75 Chs.
	June 25, 1895

Note: Having found it expedient to run a retracement line from E. bdry to S bdry of Tp. along the old survey, in connection with the survey of exterior boundaries of this Tp, and knowing therefor that the remaining subdivision will close within the limit, I deem it unnecessary to run a sectional guide meridian or base. hence:

June 26: At 8 H 15 m a.m. Z.m.T. I set off 38°38' 30" on the bal. arc. and 23°23' N on the declination and determine a true meridian with the solar at the cor of secs. 13-18-19 and 24 on E bdry of Tp

Thence I run

West bet. secs. 13 and 24

Descending in timber on S W slope

40,00	set a trachyte stone 18 x 10 x 7 in. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; from which a pine tree 8 in. diam. bears S 16°30'E 57 lks. dist. marked 1/4 S B.T.
	An aspen tree 6 ins. diam bears N 25°12' W 38 lks dist. marked 1/4 S B.T.
	This cor. stands 6 00 ft. below cor. of secs. 13-18-19 and 24
63,80	Leave timber bears N and S.
64,53	Seven mile creek. flows S. 25° E in bottom of narrow rocky gulch 370 ft. below 1/4 sec. cor.; swift current 1/4 lks wide 2 ft. deep. pure water.
	Begin ascent on E slope.
67,00	Enter timber
69,20	Stream 6 lks wide from W. runs N. E.
70,60	Leave stream, timber N. W.
76,52	Road from Sevier Valley to Fish Lake course N 30° W and S 30° E
79,82	Same road - new cut-off - bears N and S.
80,00	Set a black lava stone 18 x 10 x 7 in. 12 ins. in the ground for cor. of secs. 12-13-24-25 and 7 11 marked with 3 notches

Subdivision of T 24 S R 2 E

Chains	
	on S and 1 notch on E edge; from which
	A pine tree 10 ins. diam. bears S 49 ½° E 57 lks. dist.
	marked T 25 S R 2 E S 24 B.T.C.
	An aspen tree 10 ins. diam. bears S 46° 10' W. 14 lks dist.
	marked T 25 S R 2 E S 23 B.T.C.
	An aspen tree 10 ins. diam. bears N 65° 5' 30" E 82 lks dist
	marked T 25 S R 2 E S 13 B.T.C.
	An aspen tree 9 ins. diam. bears N 64° 25' W. 43 lks.
	dist marked T 25 S R 2 E S 14 B.T.C. — raised a mound
	of stones 2 ft. base 1½ ft. high W. of cor.
	This cor. stands 180 ft. above creek. —
	Land mountainous
	soil rocky and gravelly 3rd rate
	Timber aspen and pine of fair quality
	Mountainous land 80,00 chs.
	S 0° 1' E on a random line bet. secs. 23 and 24
40,00	The ¼ sec. cor. bet. secs 23 and 24 bears W. 5 lks. dist.
	the same being a stone firmly set marked and witnessed
	as described by the surveyor general.
	Thence 9 rods
	N 0° 3' E on a true line bet ½ half of secs. 23 and 24
	Ascending in timber on broken S E slope
8,25	Top of slope; 50 ft. above cor.
12,00	Descend to
13,64	Bottom of gulch 50 ft. deep, course S E; thence ascending
33,25	Road from Sevier Valley to Fish Lake bears S.W.
36,20	same road bears N.W.
39,80	" " " N E
40,00	The cor. of secs. 13-14-23 and 24
	Land mountainous rolling and broken
	soil gravely 2nd rate
	Timber aspen and pine
	Mountainous land 40,00 chs.
	N 0° 1' W. bet. secs. 13 and 14
	Descending in timber
3,74	Stream flows S 80° E in bottom of gulch 40 ft. deep; easy
	current 5 lks wide pure water
	Begin ascent
9,04	Road from Sevier Valley to Fish Lake course N W and S E
	T [illegible] E to W gulch thence descending on

Subdivision of T 25 S R 2 E

Chains	N.E. slope
17.50	Leave timber
19.15	Same road bears N. E.
21.35	" " bears N.W.
29.75	Seven mile creek 14 lks wide crosses S.E. in bottom of narrow rocky gulch which opens above this point
	Begin ascent on S.W. slope
40.00	Set a trachyte stone 18 x 9 x 5 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. —
43.00	Enter timber bears N.W. and S.E.
80.00	Set a trachyte stone 20 x 9 x 6 ins. 13 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 37° 41' E 35 lks. dist. marked T 25 S R 2 E S 12 B.T. An aspen tree 5 ins diam. bears S 7° 37' E 32 lks dist. marked T 25 S R 2 E S 13 B.T. An aspen tree 5 ins. diam. bears S 31° 25' W. 24 lks dist. marked T 25 S R 2 E S 14 B.T. An aspen tree 4 ins diam bears N 35° 30' W 39 lks dist marked T 25 S R 2 E S 11 B.T.; raised a mound of stones 2 ft base 1½ ft. high W. of cor.
	This cor. stands on S W slope 610 ft. above creek.
	Broad mountainous
	Soil gravely and rocky 3d rate
	Timber aspen and pine Thick growth
	Mountainous land 80.00 chs. —
	East on a random line bet. secs. 12 and 13
40.00	set temp. 1/4 sec. cor.
80.24	Intersect E bdy of Tp 22 lks N of cor. of secs 7-12-13 and 18
	Thence on same N. 89° 35' W. on a true line bet. secs 12 and 13
	Ascending an steep rocky slope in timber
11.00	Top of sharp rocky ridge extending from Mt. Marvine, bears N 25° W and S 25° E. 450 ft. above sec cor.; thence descending on W slope
40.12	Set a black lava stone 18 x 10 x 6 ins. 12 ins in the ground for 1/4 sec cor. N. 89° 35' W. 1/4 on N. 0° 30' E raised a mound

Subdivision of T 25 S R 2 E

chains of stones 2 ft. base 1½ ft. high N. of cor. –
Pits impracticable. –
No trees of proper size within limit.
June 26: At this cor. I set off 23° 22' N. on the decl. arc. and 12h 3' p.m., t.m.t. observe the sun on the
The resulting lat. is 38° 39'. –
80.24 The cor. of secs. 11-12-13 and 14.
This cor stands 970 ft. below top of ridge
Land mountainous
Soil gravely and rocky 3d rate. –
Timber aspen and pine; mainly the latter on W. half. –
Mountainous land 80.24 chs. –

N 0° 1' W bet. secs 11 and 12
Ascending in timber on broken, gullied S.W. Slope
25.00 Stream 3 lks wide flows W. in gully 40 ft. deep
40.00 Set a trachyte stone 10 x 10 x 6 in. 12 in. in the gro for 1/4 sec. cor. marked 1/4 on W. face from which
An aspen tree 6 in. diam. bears. N 11° 30' W. 43 lks. dist. marked 1/4 S.B.T. –
A pine tree 9 in diam bears S 54° 11' E 62 lks. dist. marked 1/4 S B.T.
56.20 Stream 3 lks wide flows W. in narrow ravine 50 ft. deep
80.00 Set a lava stone 20 x 12 x 6 in. 15 in. in the ground 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 N. of cor. – Pits impracticable
This cor. stands on steep W slope in dense aspen brake 500 ft. above cor. of secs. 11-12-13 and 14
Land mountainous
Soil gravely 3d rate
Timber aspen of small size and scattering pine
Mountainous land 80.00 chs. –

S 89° 51' E on a random line bet. secs. 1 and 12
40.00 Set temp 1/4 sec. cor.
80.32 Intersect E bdy of Tp. at cor. of secs. 1-6-7 and 12
Thence I run
N 89° 51' W. on a true line bet. secs. 1 and 12
Ascending rocky slope in timber
26.00 Top of rocky ridge running from Mount Marvin, cor
(and S. thence descending on broken slope

Subdivision of T. 25 S. R. 2 E.

chains	
	in scattering timber
40,16	Set a lava stone 28 x 12 x 7 ins. 21 ins. in mound of stones 3 ft. base for 1/4 sec. cor. marked 1/4 on N. face
	Pits impracticable - no trees within limits
80,32	The cor. of secs. 1-2-11 and 12
	This cor. stands 950 ft. below top of ridge and 530 ft. below cor. to secs 1-6-7 and 12
	Land mountainous rugged and broken
	Soil rocky and gravely 4th rate
	Timber pine on E 50,00 chs ballance aspen brake
	Mountainous land 80,32 chs. -
	N 0°1' W. on a random line bet. secs. 1 and 2
40,00	Set temp 1/4 sec. cor.
80,00	Intersect N. bdy. of Tp. 8 lks. W of cor of secs. 1-2-35 and 36
	Thence I run
	S 0°2' W on a true line bet. secs. 1 and 2
	On W. slope in burnt timber partly fallen
10,00	Leave burnt enter green timber, and descend gradually
31,10	Leave timber enter lava slide of huge boulders.
87,20	Leave slide enter timber
40,00	Set a lava stone 18 x 10 x 6 ins. 12 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face, from which
	A pine tree 24 ins diam. bears N 38°45' W 11 lks. dist. marked 1/4 S.B.T.
	A pine tree 13 ins. diam. bears S 43°30' E. 6 lks. dist. marked 1/4 S.B.T.: raised a mound of stones 2 ft. base 1 1/2 ft. high W. of cor. -
48,00	Leave timber
57,20	Stream 2 lks wide flows W. in ravine 25 ft. deep
	Enter aspen brake and scattering timber
67,50	Stream 3 lks wide flows W. in narrow gulch 200 ft. deep
	Ascend to
80,00	The cor. to secs. 1-2-11 and 12
	This cor. stands 480 ft. below cor. of secs. 1-2-35 and 36
	Land mountainous broken and rolling
	Soil gravely and rocky 3d rate
	Timber pine of fair growth and aspen of small size
	Mountainous land 80,00 chs.

June 26, 1895

Subdivision of T 25 S R 2 E

Chains June 27: At 7h 34m a.m. g.m.t. I set off 38°38'30" on the lat. arc. and 23°21' N. on the decl arc and det a true meridian with the solar at the cor. of secs. 13-14-23 and 24

Thence I run

West bet. secs. 14 and 23

ascending in timber on broken E and N.E. slope

4,00 Set a trachyte stone 18x9x7 ins. 12 ins. in the for 1/4 sec. cor. marked 1/4 on N. face from which

A pine tree 10 ins. diam. bears S 28° W. 71 lks dist. marked 1/4 S.B.T.

An aspen tree 8 ins. diam bears N 42°45' E 62 lks. dist. marked 1/4 S B.T.; raised a mound of stones 2 ft. base 1½ ft. high N. of cor

Thence ascending on spur running E. from plateau

6,00 On N. slope of ridge about 4 chs. from top of same, ascending

8,00 Set a trachyte stone 18x10x9 ins. 12 ins. in the ground for cor. of secs. 14-15-22 and 23 marked with 2 notches on E. and 3 notches on S. edges from which

A pine tree 5 ins. diam bears S 67°28' W. 7 lks. dist. marked T 25 S R 2 E S 22 B.T.

A pine tree 10 ins. diam. bears N 67°24' W. 22 lks marked T 25 S R 2 E S 15 B.T.

A pine tree 5 ins. diam. bears N 29° E. 23 lks dist marked T 25 S R 2 E S 14 B.T.

A pine tree 4 ins. diam. bears S 82°49' E 42 lks. dist. marked T 25 S R 2 E S 23 B.T.

This cor stands 570 ft. above cor. of secs. 13-14-23 and 24

Land mountainous rolling and broken

Soil gravely 3d rate

Timber aspen and pine, of good size and growth

Mountainous land 8000 chs. —

S 0°1' E bet. secs. 22 and 23

ascending on N E slope in pine timber

3,00 Top of spur running E from plateau 100 ft. above cor.

Descending gradually on broken slope facing E

4,00 Set a lava stone 18x9x8 ins. 12 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face from which

An aspen tree 5 ins. diam, bears S 50° E 7 lks dist.

Subdivisions of T. 25 S R 22 E

chains	An aspen tree 5 ins. diam. bears S 75° 15' W. 17 lks. dist. marked 1/4 S 13 T; raised a mound of stones 2 ft. base 1½ ft. high W.O.J cor'.
65,00	Leave timber.
66,40	Fence made of poles and brush bears N 10° W and S 10° E about 15 chs long.
74,05	Foot of slope, bears E and W.; enter marshy meadow and dense undergrowth —
80,00	Set a lava stone 24 x 9 x 7 ins. 18 ins in mound of stones 2½ ft. base for cor. of secs. 22-23-26 and 27 marked with 2 notches on S. and E. edges. Pits impracticable No natural bearing objects could be obtained within limits This cor stands in swampy meadow 490 ft. to bend cor. of secs. 14-15-22 and 23. — Level mountainous and level marsh Soil gravelly on slope 2nd rate, in marsh black muck Timber Aspen and pine of fair growth — Dense undergrowth — of weeds and willow Mountainous land and dense undergrowth - 80.00 chs.
	S 0° 1' E on a random line bet. secs. 26 and 27
4,00	Intersect boundary of old survey 20 chs. W. of 1/4 sec. cor. bet. secs. 26 and 27 which is a stone formerly set marked and witnessed as described by the surveyor general Thence 8 runs
	N 0° 19' W. bet. st. half of secs 26 and 27 in timber
5,50	Top of ridge bears N. E and slopes S W to flat Begin descent
11,30	Foot of slope bears N E and S W; enter sagebrush flat Leave timber
19,00	Francis Petersens cabin, on dairy ranch bears W 19,70 chs.
19,10	Enter Marshy meadow and dense undergrowth — bears N W and N. E.
40,00	The cor. of secs. 22-23-26 and 27 Land mountainous and level lake bottom Soil on mountainous part gravelly and rocky 3d rate bottom land black loam 1st rate — Timber pine and aspen; dense undergrowth of willows Mountainous land and dense undergrowth - 34.20 chs
	East on a random line bet. secs. 23 and 26
39,79	[illegible] S. 10 lks. dist.

Subdivision of T. 25 S. R. 2 E.

Chains the same being as stone firmly set marked and as described by the surveyor general

Thence I run

N. 89° 52' W. on a true line bet. W. half of secs. 23 and 6

Descending on steep rocky N.W. slope in timber

12,00 Leave rocky slope and timber and enter sagebrush. N and S

19,50 Enter marshy meadow and dense undergrowth bears S and N.W.

39,79 The cor. of secs. 22-23-26 and 27

Land mountainous and level lake bottom.

Soil gravely and rocky on slope 3d rate; bottom black 1st rate

Timber pine and aspen; dense undergrowth of willow and weeds

Mountainous land and dense undergrowth 39,79 chs.-

June 27. At the cor. to secs. 14-15-22 and 23 I set 23° 20' N on the deed are and at 12h 3m P.M. T.M.T. observe the sun on the meridian; the resulting lat is 38° 38' 30". -

Thence I run

N 0° 1' W bet. secs. 14 and 15

Descending on broken N. E. slope in timber

26,40 Creek 5 lks wide in bottom of gulch 280 ft. below cor. course E thence over rolling hills gullies.-

Ascending

38,50 Top of ridge 130 ft. high bears nearly E. and W. - breaks W. to draw; thence descending

40,00 A stationary stone 3 x 3 x 2 ft. above ground for 1/4 sec. cor. which I mark 1/4 on W. face; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. - Pits impracticable. —

This cor. stands on N.W. slope in dry fallen timber and aspen brake.-

43,30 Bottom of gulch 50 ft. deep course N 65° E.

Begin ascent.

50,00 Top of spur from plateau running E. 150 ft. high

Descend

66,00 Leave timber at foot of slope, enter dense undergrowth

66,25 Stream 4 lks. wide course N 70° E.

Enter rolling bench sloping gradually E. to Seven Mile

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

Chains	
77,70	Old road bears N W and S E.
79,25	Stream 3 lks wide course N. E.
8,00	Set a hashed W stone 18 x 10 x 9 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. Level mountainous, and rolling bench soil gravelly wash 1st and 2nd sale. Timber aspen of small size, and pine of good size but scattering. Dense undergrowth of willow and sedge. Mountainous land and dense undergrowth 80,00 chs.
	East on a random line bet. secs. 11 and 14
4,00	set temp. 1/4 sec. cor.
8,00	Intersect N and S line at cor. of secs. 11-12-13 and 14. Thence S.
	West on a true line bet. secs. 11 and 14
	Descending on W. slope in timber
26,50	Leave timber, bears N. and S. and descend gradually on rolling slope, in dense undergrowth
	Note! This open valley is locally known as "Seven Mile Flat."
36,10	Road from Levier Valley to Fish Lake course N and S.
4,00	Set a hashed W stone 28 x 11 x 6 ins. 21 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. —
45,65	Seven mile creek 25 lks. wide, clear pure water, slow current course S. E. - in bottom of open gulch 430 ft. below cor to secs 11-72-13 and 14 —
	Begin gradual ascent
47,00	Enter marshy land
66,00	Leave " "
73,60	Spring branch 2 lks wide flows N. E.
78,65	" " 3 lks. " " " "
8,00	The cor. of secs. 10-11-14 and 15
	This cor. stands 160 ft. above creek.
	Level mountainous, and rolling slope
	soil gravelly wash 1st and 2nd sale
	Timber aspen and a few pine.
	Dense undergrowth of sagebrush willow and weeds
	Mountainous land and dense undergrowth

Subdivision of T 25 S R 2 E

chains	
	N 0° 1' W. bet. secs. 10 and 11
	Over rolling bench sloping E to creek in dense undergrowth
20,35	Stream 3 lks wide course E
24,10	" 2 " " " " —Old road bears N E and S W.
31,05	Enter timber and rocky slope
36,50	Leave " " " "
39,00	Stream 2 lks wide flows E
46,00	Set a lava stone 18 x 9 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 ft. base 1½ ft. high W. of cor. —
	Pits impracticable. —
	The door of Allen Rosalle cabin on his claim bears N 64° 54' E 32.52 chs. dist.
44,50	Enter timber bears E and W, and begin ascent on rocky slope
57,00	Top of ridge 85 ft. high bears E and W.
	Descend on N slope
65,00	Foot of descent: thence over broken gullies and ridges; and mountain drift
63,80	Old road bears E and W. crosses gulch bears S E.
79,50	Top of ridge 50 ft. high bears N 10° W and S 13° E
	Descend
80,00	Set a lava stone 18 x 11 x 6 ins. 12 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
	A pine tree 6 ins. diam. bears N 69° 30' E. 22 lks. dist. marked T 25 S R 2 E S. 2 B.T.
	An aspen tree 8 ins. diam. bears S 19° 41' E 31 lks. dist. marked T 25 S R 2 E S 11 B.T.
	An aspen tree 4 ins. diam. bears N 71° 18' W. 10 lks. dist. marked T 25 S R 2 E S 3 B.T.
	An aspen tree 4 ins diam. bears S 44° W. 15 lks. dist. marked T 25 S R 2 E S 10 B.T.
	Land sloping bench and rolling broken foothills
	Soil gravelly wash 1st and 2nd rate
	Timber aspen and pine of good size; much dry and fallen timber.
	Dense undergrowth of willow and reeds.
	Mountainous land and dense undergrowth 80,00 chs. —
	East on a random line bet. secs. 2 and 11
4	

Subdivision of T 25 S R 2 E

Chains

79,94 Intersect N. and S. line 12 lks. S of cor. to secs. 1-2-11 and 12

Thence I run

S 89° 55' W on a true line bet. secs. 2 and 11

Descending in aspen brake on steep slope

24,64 Stream 3 lks. wide course S 25° W in bottom of gulch 35 ft. deep. -

30,50 Leave timber and descend on rocky spur running W.

39,97 Set a lava stone 25 x 14 x 9 in. 18 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

52,45 Road from Sevier Valley to Fish Lake bears N and S.

54,70 Seven mile creek 16 lks. wide rapid current course S in bottom of open gulch, at narrows bet. S and N part of gulch; and 725 ft. below cor to secs 1-2-11 and 12

Begin ascent on broken slope over ridges and gullies

57,00 Enter timber

79,94 The cor. of secs. 2-3-10 and 11

This cor. stands 300 ft. above creek -

Land mountainous.

Soil gravely and rocky 3rd rate -

Timber aspen; and pine scattering. much fallen tim

Mountainous land 79,94 chs. -

June 27, 1895

N 0° 1' W on a random line bet. secs. 2 and 3

40,00 set temp 1/4 sec. cor.

80,08 Intersect N. bdy. of Tp. 3 lks. W of cor. of secs. 2-3-34 and 35

Thence I run

South on a true line bet. secs. 2 and 3

Descending gradually on marshy meadow in dense undergrowth -

30,82 Seven mile creek 15 lks. wide course S. E. in bottom of wide open gulch 170 ft. below sec. cor on N. bdy

Ascending on broken slope, E. to creek; leave dense undergr

40,08 Set a trachyte stone 18 x 9 x 8 in. 12 in. in the ground 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

43,0 [illegible] of spur running S. E. thence descend

Subdivision of T 25 S R 2 E

chains	Surface
50,50	F A Robinson cabin on his claim bears E 4.92 chs. dist
53,09	Stream 4 lks. wide course E in bottom of gulch 60 ft.
53,65	Road from Sevier Valley to Fish Lake bears N 80° W and S 80° E – 5 chs. E. of fork of old road now unused
	Enter timber and ascend on steep N. E. slope
57,00	Top of slope 100 ft. above road bears E and W.
	thence over broken morain ridges
80,08	The cor. of secs 2-3-10 and 11
	Land mountainous, and swampy bottom
	Soil in swamp black loam 1st rate ballance gravely 2d
	Timber pine and aspen of fair growth
	Dense undergrowth of willow and weeds –
	Mountainous land and dense undergrowth 80,08 chs.
	June 28: At 9h 20m A.M., T.M.T. I set off 38°38' on the lat. arc, and 23°17'30" N. on the decl. arc and determine a true meridian with the solar at the cor. of secs. 22-23-26 and 27
	Thence I run
	West bet secs. 22 and 27
	Ind marshy meadow and dense undergrowth
8,25	Leave march at foot of mountain, bears S and N E
	Begin ascent on S E slope; leaving dense
15,50	Enter aspen brake and scattering pine
39,60	Enter springy ground and alder timber
40,00	Set a trachyte stone 25 x 10 x 8 in. 19 ins in mound of stones 2 ft. base for 1/4 sec. cor. marked 1/4 on N. face from which
	An alder tree 4 in. diam. bears N 89° W. 11 lks. dist. marked 1/4 S. B. T.
	An alder tree 5 in. diam. bears N 35°30' E 14 lks dist. marked 1/4 S. B. T.
	A spring heads 10 lks S. of cor and flows S E 2 lks. wide
40,20	Leave springy ground; enter aspen brake
55,00	Enter heavy pine timber; and aspen scattering
80,00	Set a lava stone 28 x 12 x 9 ins 20 ins. in mound of stone 2½ ft. base for cor. of secs. 21-22-27 and 28 marked with 2 notches on S. and 3 notches on E. edges from
	An aspen tree 9 ins diam. bears S 44°5' W. 67 lks. dist. marked T 25 S R 2 E S 28 B T

Subdivision of T 25 S R 22 E

Chains	Marked T 25 S R 22 E S 22 B.T. An aspen tree 10 in. diam. bears S 75° 20' E 31 lks dist. marked T 25 S R 22 E S 27 B.T. An aspen tree 5 in. diam. bears N 47° 45' W 40 lks dist. marked T 25 S R 22 E S 21 B.T. This cor. stands in edge of a big lava bowlder slide and 1290 ft. above cor. of secs. 22-23-26 and 27. Land mountainous and swampy meadow soil in meadow black mire 1st rate balance gravelly and rocky 3d rate Timber aspen of small size and pine of good growth Dense undergrowth of willow and weeds. Mountainous land and dense undergrowth 8,000 chs.
	S 0° 2' E on a random line bet. secs. 27 and 28
40.00	The 1/4 sec. cor. bet. secs. 27 and 28 bears 21 lks. E. the same being a stone firmly set marked and witnessed as described by the surveyor general Thence 9 rods N 0° 20' W. bet. N. half of secs. 27 and 28 Ascending on broken S. E. slope in pine timber
29.85	Bottom of ravine 90 ft. deep course S E enter lava rock slide
40.00	The cor. of secs. 21-22-27 and 28 This cor. stands 500 ft. below the 1/4 sec. cor. Land mountainous soil rocky 3d rate Timber pine and aspen of good growth June 28: at this cor. I set off 23° 17' N. on the declination arc and at 12h 3m p.m. T.m.T. observed the sun on the meridian the resulting lat. is 38° 38'
	N 0° 2' W. bet. secs. 21 and 22 Ascending in lava slide and scattering timber
33.50	Top of slope 1180 ft. above sec. cor. bears N E and S W. Enter Fishlake plateau, rolling and broken
47.00	Set a lava stone 18 x 9 x 7 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which a pine tree 8 in. diam. bears S 0 1/4° W. 61 lks. dist. marked 1/4 S B.T. a pine tree 10 in. diam. bears N. 83° 15' E. 36 lks. dist. [illegible] and 1/4 B.T.

Subdivisions of T. 25 S. 12 E.

chains	
56,30	leave top of plateau and begin descent on N slope
80,00	Set a lava stone 24x10x7 ins., 18 ins. in ground mound of stones for cor. of secs. 15-16-21 and 22 marked 25 S on N. E. and 2 E on S & faces. with 3 notches on S and E edges. - I raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable. No trees of proper size within limits for bearing trees. This cor. stands near bottom of canon 1230 ft. below edge of plateau. -
	Land mountainous
	Soil rocky on slope 4th scale; on plateau gravely 3d
	Timber pine and aspen of heavy growth on last 4700
	Mountainous land 80,00 chs. —
	East on a random line bet. secs. 15 and 22
40,00	Set limb 1/4 sec cor
79,74	Intersect N and S line 12 lks S. of cor. of secs. 14-15-22 and 23
	Thence North
	S 89° 35' W. on a true line bet secs. 15 and 22
	Ascending on broken, rocky slope facing N., in timber
39,87	Set a lava stone 14 x 9 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 16° 30' E 22 lks. dist. marked 1/4 S. B. T.
	A pine tree 9 ins. diam. bears. S 74° 30' W. 33 lks. dist. marked 1/4 S. B. T.
	This cor stands 960 ft. above cor to secs 14-15-22 and 23
49,00	Top of ascent 200 ft. above 1/4 sec cor thence descending gradually on N slope, rocky and broken
79,74	The cor. of secs. 15-16-21 and 22
	Land mountainous
	Soil rocky 89 scale
	Timber pine and aspen of fair growth
	Mountainous land 79,74 chs
	N. 0° 2' W. bet secs. 15 and 16
	Descending in timber
2,70	Stream 5 lks. wide course N E. in bottom of canon
	Begin ascent on rocky slope S. E.

Subdivision of T 25 S R 2 E

chains	
	over rolling surface in scattering timber
4,00	Set a lava stone 18 x 10 x 9 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. –
	This cor. stands 700 ft. above cor. to secs. 15-16-21 and 22
44,50	Descend on N.W. slope in pine timber
56,70	Stream 3 lks. wide in bottom of canon 480 ft. below 1/4 sec. cor. course E. thence ascending
74,00	Top of slope bears N.E. and S.W. 450 ft. above stream
	Thence on spur of plateau sloping E., over rolling surface in scattering timber
80,00	Set a lava stone 22 x 10 x 6 ins. 16 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.
	Land mountainous
	Soil rocky and gravely 3d rate –
	Timber pine of fair size
	Mountainous land 80.00 chs. –
	June 28, 1895 –
	June 29: At 8h 10m a.m., l.m.t. I set off 38° 39' on the lat. arc. and 23° 15' N on the decl. arc. and determine a true meridian with the solar at the cor. of secs. 9-10-15 and 16
	Thence I run
	N 89° 55' E on a random line bet. secs. 10 and 15 –
40,00	Set temp. 1/4 sec. cor.
79,66	Intersect N. and S. line at cor. to secs. 10-11-14 and 15
	Thence I run
	S 89° 55' W. on a true line bet. secs. 10 and 15 –
	Ascending gradually on sloping bench, in dense undergrowth –
2,67	old road bears N and SE
19,00	At foot of slope: enter timber and ascend. bears N
	Leave dense undergrowth –
39,83	Set a lava stone 18 x 9 x 8 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.
	No bearing trees of proper size could be obtained within limits.

Subdivision of T 25 S R 2 E

chains Thence ascending on rocky broken slope
77,00 Top of break bears N and S.W.: thence ascending gra
on plateau
79.66 The cor. of secs. 9-10-15 and 16.
This cor. stands 960 ft. above cor of secs. 10-11-14 and 15
Land mountainous and sloping bench
Soil gravely wash on bench 1st rate: ballance rocky 3d rate
Timber aspen of small size, and scattering pine
Dense undergrowth of willow and weeds. -
Mountainous land and dense undergrowth 79.66 chs.

N 0°2' W. bet. secs. 9 and 10
on broken E slope descending gradually in scattering
33,00 Break bears W. and S.E.: begin descent on broken slope
40,00 Set a lava stone 17 x 9 x 8 in. 12 in. in the ground for
1/4 sec. cor. marked 1/4 on W. face from which
a pine tree 8 in. diam bears S 30°20' E 43 lks. dist.
marked 1/4 S B.T.
An aspen tree 6 in. diam. bears N 11°16' W. 22 lks. d'
marked 1/4 S.B.T.
This cor stands 300 ft. below cor. to secs. 9-10-15 and 16
41,12 Bottom of gulch course E thence ascending
56,00 Top of spur running E. from plateau 270 ft. above gulch
Thence over rolling broken slope descending gradually
in timber
80,00 Set a trachyte stone 18 x 10 x 7 in. 12 in. in the ground
for cor. of secs. 3-4-9 and 10 marked with 5 notches on S
and 3 notches on on E. edges: raised a mound of stones
2 ft. base 1½ ft. high W. of cor. Pits impracticable. -
Land mountainous
Soil gravely and rocky 3d rate
Timber aspen and pine, mainly of small size.
Mountainous land 80,00 chs.

N 89°55' E on a random line bet. secs. 3 and 10
40,00 temp 1/4 sec. cor
80,00 Intersect N. and S. line 12 lks N. of cor of secs. 2-3-10 and 11
Thence I run
West on a true line bet. secs. 3 and 10.
Descending gradually over broken morain drift in dense
timber

Subdivision of T. 25 S. R. 2 E.

chains ridges and ravines
11,15 Old road bears N and S
4,00 Set a lava stone 17 x 11 x 6 ins. 12 ins in the ground for 1/4 sec. cor. marked 1/4 on N. face from which
A pine tree 7 ins. diam. bears S 54° 14' W. 39 lks. dist. marked 1/4 S. B. T.
A pine tree 8 ins. diam. bears N 81° 30' E 47 lks. d. marked 1/4 S. B. T.
8,00 The cor. of secs. 3-4-9 and 10
Land mountainous
Soil gravely and rocky 3d rate
Timber aspen and pine of heavy and dense g.
Mountainous land 8000 chs.

N 0° 2' W. on a random line bet. secs. 3 and 4
4,00 set temp 1/4 sec. cor.
79,84 Intersect N. bdy. of Tp. 18 lks. W. of cor. of secs 3-4-33 and 34.
Thence I run
S 0° 6' W. on a true line bet. secs. 3 and 4
On broken slope E. in timber
39,84 Set a trachyte stone 18 x 9 x 7 ins. 12 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face from
An aspen tree 5 ins. diam. bears S 18° 50' W. 30 lks. dist. marked 1/4 S. B. T.
An aspen tree 6 ins. diam. bears. N 63° 11' E. 21 lks. dist marked 1/4 S B. T.
Thence descending gradually on broken slope
69,70 Bottom of gulch 160 ft. deep course E. 1
Begin ascent
79,84 The cor. of secs. 3-4-9 and 10
Land mountainous
Soil gravely and rocky 3d rate
Timber, aspen, and pine of fair growth
Mountainous land 79,84 chs.
Guess 29: At this cor. I set off 23° 14' N. on the decl. arc and at 12h 3m p.m. T.m.T. observe the sun on the meridian the resulting lat. is 38° 40'

From the standard cor. of secs. 32 and 33 on S bdy of Tp as reestablished by me. I run
N 0° 3' W. bet. secs. [illegible]

Subdivision of T. 25 S. R. 2 E.

chains	
	Ascending gradually on E slope in timber
13,00	Top of spur running E from plateau: begin descent
20,00	Edge of break, bears N W and S E; descending on steep slope N E
22,10	Enter slide rock
40,00	Set a lava stone 18 x 10 x 9 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face: from which A pine tree 9 ins. diam. bears S 44° 15' E 12 lks. dist. marked 1/4 S B.T. A pine 10 ins. diam. bears S 11° 30' W. 29 lks. dist marked 1/4 S B.T.: raised a mound of stones 2 ft. base 1½ ft. high W. of cor. — This cor stands in the bottom of a canon 500 ft. deep course S 70° E Begin ascent in slide rock on S S slope
59,50	Top of break 540 ft. above bottom of canon; bears E and W. Thence on rolling plateau
80,00	Set a lava stone 18 x 9 x 7 ins. 12 ins. in the ground for cor. of secs. 28-29-32 and 33 marked with 1 notch on S. and 4 notches on E edges. from which A pine tree 30 ins diam. bears S 1° 30' E 68 lks. dist. marked T 25 S R 2 E S 33 B.T. A pine tree 6 ins. diam bears S 30° 45' W. 32 lks. dist. marked T 25 S R 2 E S 32 B T An aspen tree 5 ins. diam bears N 36° W. 41 lks. dist. marked T 25 S R 2 E S 29 B T No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. —
	East on a random line bet. secs. 28 and 33
40,00	Set limb 1/4 sec. cor.
80,32	Intersect N. and S. line 23 lks S of cor. of secs. 27-28-33 and 34 which is a stone firmly set marked and witnessed as described by the surveyor general Thence 9 runs S 89° 30' W on a true line bet. secs. 28 and 33 Ascending in steep broken slope
9,00	Enter aspen timber
40,16	Set a lava stone 18 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 stones 2 ft. base 1½ ft. high N. of cor. —

see correction notes of this T. p. 1 No 2

chains within limits.

76,00 Timber becomes mainly pine and ascent rocky and steep

76,80 Top of brush bears N. and S., enters plateau and ascend gradually to

80,32 The cor. of secs. 28-29-32 and 33

This cor. stands 120 ft. above cor to secs. 27-28-33 and 34

Land mountainous

Soil gravely and rocky 3d rate

Timber aspen and pine of fair quality

Mountainous land 80,32 chs. —

N 0° 3' W. bet. secs. 28 and 29

Over rolling plateau in pine timber

40,00 Set a lava stone 18 x 10 x 9 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which A pine tree 18 in. diam. bears N 6° W. 15 lks. dist. marked 1/4 S. B. T.

A pine tree 12 in. diam. bears S 7° 15' E 35 lks. dist. marked 1/4 S. B. T.

80,00 Set a trachyte stone 18 x 11 x 6 in. 12 in. in the ground for cor. of secs 20-21-28 and 29 marked with 2 notches on S. and 4 notches on E edges. from which A pine tree 14 in. diam. bears N 40° 45' E 21 lks. dist. marked T 25 S. R. 2 E. S 21 B. T.

A pine tree 7 in. diam. bears S 71° 35' E 18 lks. dist. marked T 25 S R 2 E S 28 B. T.

A pine tree 24 in. diam. bears S 46° 30' W 44 lks. dist. marked T 25 S R 2 E S 29 B T

A pine tree 10 in. diam. bears N 21° 30' W. 24 lks. dist. marked T 25 S R 2 E S 20 B. T. - raised a mound of stones 2 ft. base 1½ ft. high W. of cor. —

Land mountainous, high, rolling plateau

Soil gravely and rocky 3d rate

Timber pine and a few aspen, large, open forest

Mountainous and heavily timbered land 80,00 chs. — —

June 29, 1893 —

June 30: From cor. of secs. 20-21-28 and 29 I run N. 89° 30' E. on a random line bet. secs. 21 and 28

40,00 set temp. 1/4 sec. cor.

80,00 Intersect N and S line 14 lks. N. of cor. of secs. 21-22-27-28

Subdivision of T 25 S R 2 E

Chains	Thence I run
	S 89° 56' W. on a true line bet. secs. 21 and 28
	Ascending in rock slide and timber, on E slope
11,00	Leave slide thence on steep broken slope
32,00	Top of break runs nearly N. and S.; enter plateau 780 ft. above cor of secs 21-22-27 and 28;
	Thence ascending gradually on rolling surface in pine timber
40,00	Set a trachyte stone 18x10x9 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on N. face: from which
	A pine tree 26 in. diam. bears S 20° E 34 lks. dist. marked 1/4 S B.T.
	A pine tree 11 in. diam. bears N 45° 10' W. 25 lks. dist marked 1/4 S B.T.
80,00	The cor. of secs. 20-21-28 and 29
	This cor. stands 290 ft. above edge of plateau
	Land mountainous
	Soil gravely and rocky 3d rate
	Timber aspen and scattering pine on slope: on plateau large open pine forest
	Mountainous land 80,00 chs. —

	N 0° 5' W. bet. secs. 20 and 21
.25	Descending on steep rocky slope in pine timber
2,00	Leave timber and enter slide rock bears N E and S W
11,05	Bottom of canon and stream 3 lks. wide course N.E. 475 ft. below sec. cor. —
	Begin ascent over broken ridges and ravines
12,00	Enter pine timber bears N.E and S.W.
40,00	Set a lava stone 24x9x6 in 18 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face: from which
	A pine tree 15 in. diam bears N 73° 55' E 21 lks dist. marked 1/4 S B.T.
	A pine tree 7 in. diam. bears N 57° 10' W. 11 lks dist. marked 1/4 S. B.T.
64,00	Top of slope, and spur running S E to canon, 430 ft. above stream: thence descending on N.E. slope
73,85	Bottom of ravine 400 ft. deep. course S E.
	Begin ascent
80,00	Set a lava stone 18x9x6 in. 12 in. in the ground for cor. of secs. 16-17-20 and 21 marked with 3 notch on S. and 4 notches on E. edges. from which

Subdivision of T. 24 S. R. 2 E

Chains T 24 S R 2 E S 16 M.T.
A pine tree 20 in. diam. bears S 71° 30' E 24 lks dist.
marked T 24 S R 2 E S 21 M.T.
A pine tree 8 in diam. bears S 40° W, 5 lks dist.
marked T 24 S. R. 2 E. S. 20 M.T.
A pine tree 24 in. diam. bears N 87° 15' W. 44 lks dist.
marked T. 24 S. R. 2 E. S. 17 M.T.
This cor. stands on S W slope 300 ft. above bottom of gulch
Land mountainous
soil rocky and gravelly 3rd rate
Timber pine, heavy growth
Mountainous land 8.00 chs. —

N 89° 56' E on a random line bet. secs. 16 and 21
40,00 set limb. 1/4 sec. cor.
80,00 Deflected N and S line 10 lks N. of cor of secs. 15-16-21 and 22 —
Thence S 0.00
West on a true line bet. secs. 16 and 21
Ascending
2,00 Stream in bottom of canon, flows N-E. 5 lks wide.
Begin ascent on rocky bottom slope S. to bottom of canon
16,30 Scrub timber, scattering
32,00 Large timber, under slide rock.
40,00 Set a hewn stone 28 x 11 x 7 in. 21 in. in mound of stones 3 ft. base for 1/4 sec. cor. marked 1/4 on N. face. Pits inspected
This cor. stands on S slope in slide rock 40 ft. above the bottom of the canon
57,00 Scrub timber: large slide rock
72,50 Top of spur running S. E from plateau thence descending
— 80,00 True cor. of secs. 16-17-20 and 21
Land mountainous
Soil rocky
Timber pine of good size
Mountainous land 8.00 chs.
Note: The sky being cloudy during the noon hour I was unable to observe the sun on the meridian — June 30.

N. 0° 3' W. bet. secs. 16 and 17
Ascending on S W slope in timber
8.00 Top of slide bears E and

Subdivision of T 25 S R 2 E

Chains

40,00 Set a trachyte stone 18 x 9 x 6 in. 12 in. in the g for 1/4 sec. cor. marked 1/4 on W. face from which
A pine tree 16 in. diam. bears. N 44°11' W 19 lks. marked 1/4 S. B. T.
A pine tree 9 in. diam. bears. S 63°50' E. 37 lks. dist. marked 1/4 S. B. T.

80,00 Set a trachyte stone 18 x 10 x 7 in. 12 in. in the g for cor. of secs. 8-9-16 and 17 marked with 4 not on S. and E. edges. from which
A pine tree 7 in. diam. bears. N 75°46' W. 75 lks. dist. marked T 25 S R 2 E S 8 B. T.
A pine tree 14 in. diam. bears. N 86°12' E 71 lks. dist. marked T. 25 S. R. 2 E. S. 9 B. T.
No other trees within limits; raised a mound stones 2 ft. base 1½ ft. high W. of cor.
Land mountainous broken and rolling plateau
Soil gravely and rocky 3d rate
Timber, pine, large, few forest
Mountainous and heavily timbered land 80,00 chs.

East on a random line bet. secs. 9 and 16

40,00 Set temp 1/4 sec. cor.

80,24 Intersect N and S line 34 lks. N. of cor. of secs. 9-10-15 and 16
Thence I run
N 89°45' W. on a true line bet. secs. 9 and 16
Ascending gradually over rolling plateau, in timber

40,12 Set a trachyte stone 18 x 11 x 5 in. 12 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.
No bearing trees within limits

80,24 The cor. of secs. 8-9-16 and 17
This cor. stands 4,80 ft. above cor. to secs 9-10-15 and 16
Land mountainous, broken and rolling plateau
Soil gravely and rocky 3d rate
Timber pine of large growth - open heavy forest
Mountainous and heavily timbered land 80,24 chs.

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

chains The lat. are and 23°10' N on the deb. axe, and determine a true meridian with the solar at the cor. of secs. 8-9-16 and 17 Thence O runs N 0° 3' W bet. secs 8 and 9
Over rolling broken plateau in pine timber
1,00 Head of a rocky canon bears E. 5 chs course N 70°
Begin gradual ascent
12,00 Leave heavy timber scattering timber
41,00 Set a lava stone 18 x 10 x 7 ins. 12 ins. in the g for 1/4 sec. cor. marked 1/4 on W. face; raised a mound of stones 2 ft. base 1½ ft. high N. of cor. —
Pits impracticable. -
57,00 Top of ridge and slope. bears. nearly E and W. 100 ft.
Begin descent on N. slope
80,00 Set a trachyte stone 18 x 9 x 7 ins 12 ins in the gr 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
Land mountainous rolling broken plateau
Soil gravelly and rocky
Timber pine of large size
Mountainous and heavily timbered land 80,00 chs -

S 89° 45' E on a random line bet. secs 4 and 9
41,00 Set limb. 1/4 sec. cor.
79,82 Intersect N and S line at cor. of secs. 3-4-9 and 10
Thence O runs
N 89° 45" W. on a true line bet. secs. 4 and 9
Ascending on rocky broken slope in timber
39,91 Set a trachyte 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. —
No bearing trees within proper limits
This cor stands on edge of plateau. course N.W S.E. and 460 ft. above cor 4 secs 3-4-9 and 10
Thence ascending gradually on scattering pine
79,82 The cor. of secs. 4-5-8 and 9
Land Mountainous
Soil gravelly and rocky 3rd rate
Timber aspen and pine on E. half; on W. half pine of large size the

Subdivision of T 25 S R 2 E

Chains	
	Mountainous land 79,82 chs.
	June 30. 1895
	July 1st. At 8h 10m A.M. I.M.T. I set off 38°40' on the lat. arc. and 23°7'30" N. on the decl. arc. and determine 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	set temp 1/4 sec. cor.
80,20	Intersect N. bdy. of Tp. 16 lks. W. of cor. to secs. 4-5-32 and 33
	Thence I run
	S 0°4' W. on a true line bet. secs. 4 and 5
	Ascending gradually on E. slope in scattering pine
40,20	Set a lava stone 17×9×7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	A pine tree 6 ins. diam. bears S 57° W. 55 lks. dist. marked 1/4 S B.T.
	No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
58,00	Edge of plateau bears N W and S E; thence ascending gradually on rolling surface
76,50	Leave timber
80,20	The cor. of secs. 4-5-8 and 9
	This cor. stands 600 ft. above cor. to secs 4-5-32 and 33
	Land mountainous
	Soil gravely and rocky 3d rate
	Timber pine of large growth but scattering
	Mountainous land 80,20 chs.
	From the standard cor. of secs. 31 and 32 on S. bdy. of Tp. as reestablished by me. I run
	N 0°3' W. bet. secs. 31 and 32.
	On W. slope broken and rocky, descending gradually
37,00	Ravine 60 ft. deep drains W.; to bottom of canon
	Begin ascent on broken slope
40,00	Set a lava stone 24×9×6 ins. 18 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
62,70	Ravine 50 ft. deep drains S 60° W.
8	[illegible]

Subdivision of T 25 S R 2 E

chains 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 1½ ft. high W. of cor. –
Pits impracticable –
Land mountainous
Soil rocky and gravely 3d rate
Timber, stunted pine scattering
Mountainous land 80.00 chs. –

East on a random line bet. secs. 29 and 32.
40.00 Set temp 1/4 sec. cor.
79,74 Intersect N. and S. line 7 lks. S. of cor. of secs. 28-29-32 and 33
Thence I run
S. 89° 57' W. on a true line bet. secs. 29 and 32
Over rolling broken plateau, ascending gradually in scattering pine timber. –
39,87 Set a trachyte stone 18 x 8 x 7 in. 12 in. in the g for 1/4 sec. cor. marked 1/4 on N. face from which
A pine tree 8 in. diam. bears N 11° 30' W. 73 lks. d' marked 1/4 S B.T.
A pine tree 7 in. diam. bears S 64° 10' E 108 lks marked 1/4 S B.T.
51,00 Top of slope bears S 25° E and N 25° W: Thence descen
60.00 Bottom of cañon 150 ft. deep course S E. –
Begin ascent
62,60 Top of slope enter rolling plateau
79,74 The cor. of secs. 29-30-31 and 32
Land mountainous, broken rolling plateau
Soil rocky and gravely 3d rate
Timber pine of good size, but scattering
Mountainous land 79,74 chs. –

West on a random line bet. secs. 30 and 31
40,00 Set temp. 1/4 sec. cor.
73,64 Intersect W. bdy of Tp at cor. of secs. 25-30-31 and 36
Thence I run
East on a true line bet. secs. 30 and 31
Descending gradually on broken plateau
31,70 Enter timber
33,64 Set a trachyte stone 24 x 8 x 6 in. 18 in. in mound of

Subdivision of T 25 S R 2 E

chains from which

A pine tree 15 in. diam. bears S. 55' W. 35 lks. dist. marked 1/4 S.B.T.

A pine tree 12 in. diam. bears N 42° E 41 lks. dist marked 1/4 S.B.T.

51,60 Begin descent on steep rocky slope bears N and S.

57,00 Bottom of canon 130 ft. deep course S.E.

Ascend to

73,64 The cor. of secs. 29-30-31 and 32

Land Mountainous broken and rolling

Soil gravely and rocky 3d rate

Timber pine of good size, mainly scattering

Mountainous land 73.64 chs. –

July 1: At this cor. I set off 23° 6' 30" on the deck arc. and at 12h 4m p.m. I.M.T. observe the sun on the meri

The resulting lat. is 38° 37'

N 0° 3' W. bet. secs. 29 and 30

Over broken plateau in scattering timber

40,00 Set a trachyte stone 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. –

75,80 Bottom of ravine 140 ft. deep course E; ascend to

80,00 Set a lava stone 18 x 10 x 6 in. 12 in. 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 pine tree 9 in. diam. bears N 68° 30' W. 11 lks. dist marked T 25 S R 2 E S 19 B.T.

A pine tree 5 in. diam. bears S 19° 35' E. 3 lks. dist. marked T 25 S R 2 E S 29 B.T.

A pine tree 6 in. diam. bears S 37° 50' W. 67 lks. dist. marked T 25 S R 2 E S 30 B.T.

No other trees within limits; – raised a mound of st 2 ft. base 1½ ft. high W. of cor.

Land mountainous, broken rolling plateau

Soil gravely and rocky 3d rate

Timber pine, scattering on S half; on N. half heavy gr

Mountainous and heavily timbered land 80,00 chs.

N 89° 57' E on a random line bet. secs. 20 and 29

Subdivision of T. 25 S R 2 E

Chains	
80,00	Intersect N and S line at cor. of secs. 20-21-28 and 29
	Thence I run
	S 89°57' W. on a true line bet. secs. 20 and 29
	Descending gradually on steep rocky N. slope in timber
28,50	Bottom of gulch 300 ft. deep course N E.
	Begin ascent on S E slope
40,00	Set a lava stone 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 18 in. diam. bears N 48°15' E. 87 lks. dist. marked 1/4 S.B.T.
	A pine tree 16 in. diam. bears S. 82°30' W. 57 lks. dist. marked 1/4 S.B.T.; raised a mound of stones 2 ft. base 1½ ft. high N of cor.
80,00	The cor. of secs. 19-20-29 and 30
	This cor. stands 300 ft. above cor. to secs. 20-21-28 and 29
	Land Mountainous
	Soil rocky and gravely 3d rate
	Timber pine, heavy growth but open
	Mountainous land 80,00 chs.
	West on a random line bet. secs. 19 and 30.
40,00	Set temp 1/4 sec. cor.
73,76	Intersect N. bdy of T p. 12 lks. S of cor. to secs. 19-24-25 and 30
	Thence I run
	S 89°55' E on a true line bet. secs. 19 and 30
	Ascending on steep rocky W. slope, in timber
8,00	Edge of plateau, bears nearly N and S; leave timber and ascend gradually
27,70	Top of slope and summit of Fish Lake Plateau, bears S 20° W and W. 20° E 470 ft. above sec. cor.
	The highest part of the summit about 200 ft. above this point bears S. 25° W about 1/2 mile Elev. 11,600 ft.
	Begin gradual descent on even slope
33,76	Set a lava 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 stones 2 ft. base 1½ ft. high N. of cor.
43,00	Head of gulch draining E; thence on S. slope, in timber, and slide rock
54,30	Leave " "
73	T [illegible]

Subdivision of T. 25 S. R 2 E.

chains Land mountainous
Soil gravely and rocky 3d rate
Timber pine
Mountainous land 73,76 chs -
July 1 1895

N 0° 3' W bet. secs. 19 and 20
Ascending gradually on broken slope in timber
4,00 Set a trachyte stone 20 x 9 x 6 ins. 15 ins. in the
ground for 1/4 sec. cor. marked 1/4 on N. face from
A pine tree 6 ins. diam. bears S 8° 15' E 3.9 lks.
marked 1/4 S. 13. T.
A pine tree 8 ins. diam. bears N 21° 10' E 8.4 lks.
marked 1/4 S. 13. T.
Leave timber
8,00 Set a lava stone 18 x 10 x 5 ins. 12 ins. in the g
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 stone 2 ft. base 1 ± ft. high W. of cor. -
Pits impracticable
This cor stands 5.75 ft above cor of secs. 19-20-29 and 30
Land mountainous broken and rolling
Soil gravely and rocky 3d rate
Timber, pine of fair size on S. half on N half
stunted trees and bushes. -
Mountainous land 8,00 chs -

N 89° 57' E on a random line bet. secs. 17 and 20
40,00 set limb 1/4 sec. cor.
80,00 Intersect N. and S. line 20 lks. N. of cor. of secs. 16-17-
20 and 21
Thence S
N 89° 6' 5" W. on a true line bet. secs. 17 and 20
Descending on S.W. slope in timber
7,16 Bottom of gulch course S E / thence ascending
16,50 Top of slope bears N.W. and S.E. enter rolling plat -
and ascend gradually
40,00 Set a trachyte stone 18 x 9 x 5 ins. 12 ins in the
ground for 1/4 sec cor. marked 1/4 on N face from a
A pine tree 16 ins. diam bears S 74° 20' E 88 lks
dist marked 1/4 S. 13. T. 2

Chains	2 ft. base 1½ ft. high N. of cor.
5,00	Leave timber
— 8,00	The cor. of secs. 17-18-19 and 20
	This cor stands 6.10 ft. above cor. to secs. 16-17-20 and 21
	Land mountainous broken and rolling
	Soil rocky and gravelly 3d rate
	Timber pine, heavy growth
	Mountainous land 8000 chs.
	N 89° 55' W on a random line bet. secs. 18 and 19
4,00	set stone 1/4 sec. cor.
73,60	Intersect W. bdy. of Tp. at cor. of secs 13-18-19 and 24
	Thence 9 runs
	S 89° 55' E on a true line bet. secs. 18 and 19
	Ascending in timber on steep broken slope N.W.
33,60	Set a lava stone 18 x 10 x 6 ins. 12 ins. in the ground
	for 1/4 sec. cor. marked 1/4 on N face, from which
	A pine tree 6 ins. diam. bears N 18° E. 36 lks.
	dist. marked 1/4 S B.T.
	A pine tree 9 ins. diam bears S 76° W E 37 lks.
	dist. marked 1/4 S.B.T.
5,50	Leave timber bears N E and S W
64,00	Edge of plateau bears N E. and S W. 1100 ft. above cor.
	to secs. 13-18-19 and 24
— 73,60	The cor. of secs. 17-18-19 and 20
	Land mountainous
	Soil rocky and gravelly 3d rate
	Timber pine, and aspen of good size
	Mountainous land 7360 chs.
	N 0° 31' W bet. secs. 17 and 18
17,00	Edge of plateau bears N E and S W.
	Begin descent on steep rocky N W slope
30,00	Enter timber bears N. E. and S. W.
4,00	Set a lava stone 28 x 12 x 6 ins. 24 ins. in mound
	of stones 3 ft. base 2 ft. high for 1/4 sec. cor. marked
	1/4 on W. face. Pits impracticable
	No bearing trees within limits
	This cor. stands on steep rocky slope N.W. 300 ft. below
	edge of brush
— 8,00	Set a basalt stone 18 x 12 x 6 ins. 12 ins. in the ground

Subdivision of T 25 S R 2 E

chains on S and S notches on E. edges from which
A pine tree 6 in. diam. bears S 32° 30' W. 18 lks. dist.
marked T. 25 S. R. 2 E S 18 B.T.
A pine tree 6 in. diam bears S 11° 48' E 63 lks. dist.
marked T 25 S R 2 E S 17 B.T.
A pine tree 11 in. diam bears N 55° 08' E 44
dist. marked T 25 S R 2 E S 8 B.T.
A pine tree 10 in diam. bears N 72° 30' W.
25 lks dist. marked T 25 S R 2 E S 7 B.T.
This cor. stands on W slope 980 ft. below edge of
plateau. –
Land mountainous
Soil rocky and gravely 3d rate –
Timber pine of good growth –
Mountainous land 8000 chs –
July 2; at this cor. I set off 23° 2' N on the decl.
arc and at 12h 4 m. p.m. l.m.t. observe the sun on
the meridian the resulting lat. is 38° 39'.

S 89° 55' E on a random line bet. secs. 8 and 17
40,00 set temp. 1/4 sec cor.
79,90 Intersect N. and S. line 20 lks. S. of cor. of secs. 8 –
9 – 16 and 17.
Thence I run
S 89° 56' W. on a true line bet. secs. 8 and 17
Ascending on E. slope in timber
39,95 Set a lava stone 18 x 8 x 6 in. 12 in. in the gr
for 1/4 sec. cor. marked 1/4 on N. face, from w
A pine tree 14 in. diam. bears N 27° 30' E 38 lks.
dist. marked 1/4 S B.T.
A pine tree 6 in. diam. bears S 16° 45' W. 40 lks.
dist marked 1/4 S. B.T.
This cor. stands on E. slope in edge of timber
290 ft. above sec. cor.
48,65 Edge of plateau; bears N 30° E and S 30° W.; begin
descent on steep rocky slope
54,00 Enter timber
79,90 The cor. of secs. 7 – 8 – 17 and 18
Land mountainous. –
Soil rocky and gravely 3d rate –
Timber pine of fine growth –

Subdivision of T 25 S R 2 E

Chains

N 89°55' W. on a random line bet. secs. 7 and 18

40,00 Set temp. 1/4 sec. cor.

73,24 Intersect W. bdy. of Tp. 19 lks. N of cor. of secs. 7-12-13 and 18

Thence Irun.

N 89°57' E on a true line bet. secs. 7 and 18

Ascending on W. slope

2,60 Enter aspen timber

33,24 Set a trachyte stone 20×9×6 in 15 ins in the gro 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. -

No trees of proper size within limits -

48,00 Timber becomes pine

52,00 Top of moraine ridge running about parallel with edge of plateau or N 15° E and S 15° W. 150 ft. above the general slope -

Begin descent.

60,20 Bottom of ravine 140 ft. deep drains S 15° W. -

Ascending steep slope to

73,24 The cor. of secs. 7-8-17 and 18

This cor. stands 1040 ft. above cor. on W. bdy of Tp.

Land mountainous

Soil gravely and rocky 3d rate -

Timber aspen and pine, close growth -

Mountainous land 73,24 chs -

N 0°3' W. bet. secs. 7 and 8

Descending on N.W. slope in pine timber

32,00 Bottom of ravine 150 ft. deep drains S 25° W.

Begin ascent

40,00 Set a lava stone 18×7×6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, from which

A pine tree 12 ins. diam. bears N 16° 45' W. 44 lks dist. marked 1/4 S B T.

A pine tree 9 ins. diam bears S 63° 11' E 72 lks dist marked 1/4 S.B.T.

45,00 Top of ridge 160 ft. high bears. N. E and S.W.

Begin descent on N. W. slope

54,00 Timber changes to aspen

[illegible] ascending

Subdivision of T. 25 S. R. 2 E.

Chains	
71,50	Top of spur running W. 20 ft. high.
	Descending W.
80,00	Set a lava stone 24 x 9 x 5 in. 18 in. in the ground for cor. of sees. 5-6-7 and 8 marked with 5 notches on S. and E. edges; from which an aspen tree 9 in. diam. bears S. 26° 10' E. 45 lks. dist. marked T. 25 S. R. 2 E. S. 8 B.T.
	And aspen tree 4 in. diam. bears N. 36° 15' W. 25 lks. dist. marked T. 25 S. R. 2 E. S. 6 B.T.
	An aspen tree 7 in. diam. bears S. 72° 30' W. 55 lks. dist. marked T. 25 S. R. 2 E. S. 7 B.T.
	An aspen tree 4 in. diam. bears N. 38° 15' E. 86 lks. dist. marked T. 25 S. R. 2 E. S. 5 B.T.
	Raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	This cor. stands 600 ft. below cor. of sees. 7-8-17 and 18
	Land mountainous
	soil gravelly and rocky 3rd rate
	Timber pine and aspen
	Mountainous land 80,00 chs. -
	July 2, 1895

	N. 89° 05' E. on a random line bet. sees. 5 and 8
40,00	Set limb 1/4 sec. cor.
79,86	Intersect N. and S. line 10 lks. W. of cor. of sees. 4-5-8 and 9
	Thence S. run
	West on a true line bet. sees. 5 and 8
	Ascending gradually on plateau
98,50	Top of slope and edge of plateau, bears N. and S.
	Begin descent on steep rocky slope in scattering timber
39,93	Set a lava stone 18 x 7 x 6 in. 12 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 -
	Descending on broken slope
63,00	Bottom of slope bears N. and S. ; beg in ascent
67,60	Top of ridge bears S. 25° W. and N. 25° E. thence descending
79,86	The cor. of sees 5-6-7 and 8
	This cor. stands 950 ft. below edge of plateau
	Land mountainous

Subdivision of T 2 S R 2 E

chains	
	Timber aspen and pine scattering
	Mountainous land 79,86 chs
	S 89° 57' W on a random line bet. secs 6 and 7
4,00	set temp. 1/4 sec. cor.
73,16	Intersect W. bdy. of Tp. at cor. of secs. 1-6-7 and 12
	Thence I run
	N 89° 57' E on a true line bet. secs. 6 and 7
	Descend to
.36	Creek 8 lks. wide course S W. in bottom of gulch
	Begin ascent on broken slope in willow and aspen brush
33,16	set a trachyte stone 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. –
73,16	The cor. of secs. 5-6-7 and 8
	This cor. stands 6 75 ft. above cor of secs 1-6-7 and 12
	Land mountainous
	Soil gravelly and rocky sandy –
	Timber aspen of small size and scattering pine
	Mountainous land 73,16 chs –
	N 0° 3' W. on a random line bet. secs. 5 and 6
4,00	set temp 1/4 sec cor.
8,00	Intersect N. bdy. of Tp. 8 lks W of cor to secs 5-6-31 and 32
	Thence I run
	South on a true line bet. secs. 5 and 6 – –
	Descending on S. Slope in aspen brake
19,80	Stream in bottom of gulch under lava bed bears S.W. can be heard but not seen. –
	Begin ascent.
[illegible]	Top of ascent, thence on broken W slope descending gradual
4,00	Set a lava stone 18 x 10 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. –
[illegible]	Bottom of gulch 100 ft. deep course S 80° W. –
	Ascend and cross point of spur to
[illegible]	Spring branch 4 lks wide flow N 80° W in bottom of gulch 60 ft deep. thence ascending on N.W slope.
[illegible]	Gulch timber
[illegible]	The cor. of [illegible]

Subdivision of T 25 S R 2 E

Chain. Land mountainous rolling and broken
Soil gravely and rocky 3d rate
Timber. aspen; and pine scattering
Mountainous land 80,00 chs -

July 3. 1895 11,30 a.m.

General Description

The portion of this township covered by the survey is all mountainous land with the except of a small amount of partly level land along Seven Mile Creek. — The soil is rocky but very fertile and the entire township afford excelent summer pasture producing an abundance of nutritious grasses without irrigation. —
The soil along Seven Mile Creek is a black loam mixed with gravel it produces an abundance of wild hay but owing to the great elevation will not mature crops. —
The township is in great part covered covered with a heavy growth of timber mainly pine and aspen — on the higher and aspen on the lower portion and much of the pine forest is of large growth and very f
The overlying rock formation is everywhere a black volcanic lava and there are no mines nor quarries, nor did I discover any indications of mineral veins or deposits of any kind
The township is well watered by Seven Mile Creek and its tributaries and also by the head waters of Otter creek in the N.W part. —
This township includes the two highest elevations for many miles around; Fish Lake Plateau elevation 11,600 feet and Mount Marvin 11,400 feet: — The surface everywhere bear evidence of an enormous glacial action.
There are three settlers in this portion of the town F A Robinson in secs. 2; Allen Russell in secs. 11 and Francis Peterson in secs. 27. these all use their claims for dairy ranching and the improvements in each case consists of a loghouse coral and sheds but expressed the intention to further improve as soon as they can obtain homestead filings on the lac
T ... y he

Subdivision of T. 25 S. R. 2 E.

by Seth Langer applicant for survey of T. 25 S. R. 1 E. this being the claim upon which said application was based and believed by the applicant to be located in said Tp. Of the applicants for survey of this township, G T Stevens and Albert Stevens Jr. are located in the N.W. cor. of T. 25 S. R. 3 E. but in doubt as to exact location at time of application; H J McClelland D.E. 2338 is located in secs. 23-24-25 and 26 of this Tp. and Jas E McClelland is part owner of the same they intend to secure additional land by homestead, adjoining.—

Andrew P Hanson
U.S. Deputy Surveyor

Subdivision of T 25 S R 2 E

No. of Notes	
1	Description of land omitted through error — as follows Land mountainous, very broken Soil stony and gravelly 4th rate Timber aspen and pine partly scattering. Mountainous land 8000 chs. —

Andrew T Hanson
U.S. Deputy Surveyor

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PAGE

15 D Names.

A list of the names of the individuals employed by Andrew P Hansen, U. S. 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 range 2 E and subdivision lines of Tp 2 S R 2 E

of the Salt Lake Base and Meridian, in Utah, showing the respective capacities in which they acted:

Andrew F Riepen Chainman
Wm St Trone "
G S Forsyth "
Joshua Gardner "
Wm P McKeever axeman and Flagman

Final Oath of Assistants:

~~We~~ I hereby certify that ~~we~~ I assisted Andrew P Hansen, U. S. Deputy Surveyor, in surveying all those parts or portions of the Fifth Standard Parallel South through Rs 1 and 2 E

of the Salt Lake Base and Meridian, Utah, as 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 U. S. Surveyor General for Utah

Joshua Gardner Chainman

Subscribed and sworn to before me this 3d day of July, 1895.

SEAL

Andrew P. Hansen
U S Deputy Surveyor

6—151

Final [illegible] epu y

I, _____, U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions received from _____, U. S. Surveyor General for _____, bearing date of the _____ day of _____, 18 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for _____, the surveying manual, and the laws of the United States, surveyed all those parts or portions of _____

_____ Meridian, in the _____, as 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 surveying manual, printed instructions, the special written instructions of the U. S. 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.

_____

U. S. Deputy Surveyor.

Subscribed and sworn to before me this _____ day of _____, 18 .

SEAL

_____

Approval.

Office of the U. S. Surveyor General,

Salt Lake City, Utah, May 23rd, 1896.

The foregoing field notes of the survey of The Subdivisions of Township 2 South, Range 2 East of the Salt Lake Base Meridian, Utah

_____ executed by Andrew J. Hanson under his Contract No. 198, dated March 4th, 1895, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George W. Sproul

U. S. Surveyor General.

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

_____

U. S. Surveyor General.

6—151

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(4—679.)

K.F.B.

BOOK A-239

FIELD NOTES

OF THE SURVEY OF

East and North Boundaries

of

Township No 25 South Range No 1 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Andrew P. Hanson, U. S. Deputy Surveyor,

Under his Contract No. 198, dated March 4, 1895.

Survey commenced June 11, 1895.

Survey completed June 12, 1895.

(8630—2,000.) 6—151

+ 9-63.51

Andrew F Riefen Chainman

Wm S L Trone Chainman

G S Forsyth Chainman

Joshua Gardner Axeman

Wm P McKeever Flagman

BOOK A-239

INDEX DIAGRAM.

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30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page.....

We, _____

_____

_____

do solemnly swear that we will well and faithfully execute the duties of chain carriers; 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 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 _____

_____

_____

_____

_____

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman.*

Subscribed and sworn to before me this _____ day of _____, 18 .

_____

_____

We, _____

_____

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

_____

_____

_____

_____

Subscribed and sworn to before me this _____ day of _____, 18 .

_____, *Axeman.*

_____, *Axeman.*

_____

_____

_____

East boundary of T. 25 S. R. 1 E.

Chains	Survey commenced June 11, 1895 and executed with a W & L E Gurley light mountain transit No 7 with solar attachment -- The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs. - The instrument was examined, tested on the true meridian at Salt Lake City, found correct and was approved by the surveyor general for Utah March 16, 1895. I examine the adjustments of the instrument and find them correct, and having recently tested the solar on a true meridian established by observation on Polaris and knowing it to be reliable I deem it unnecessary to repeat the test at this time June 11: At the standard cor of township 25 S. Rs. 1 and 2 E latitude 38°36' N longitude 111°47' W. at 8h 45 m. a.m. t.m.t. I set off 38°36' N. on the latitude arc and 23°7' N. on the declination arc and determine a true meridian with the solar. - The magnetic bearing of the true meridian at 9 a.m. is N 16°2' W: the angle thus determined reduced by the table page 100 gives the mean mag. decl. 15°58' E. -
	I begin at the standard cor. of Tp. 25 S. Rs 1 and 2 E. which is a stone firmly set marked and witnessed as described by the surveyor general Thence I run North bet. secs. 31 and 36 Descending gradually on top of Fish Lake Plateau; rolling surface. -
1000	At the head of a rocky canon 500 ft. deep draining W. Begin gradual ascent: rolling surface. -
4000	Set a lava stone 18 x 14 x 5 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 This cor. stands on gradual, S.W. slope
8000	Set a lava stone 23 x 12 x 6 ins. 18 ins. in the ground for cor. of secs. 25-30-31 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. No natural bearing objects could be obtained within

Chains	Land mountainous high rolling plateau
	Soil gravely and rocky 2d rate
	Timber a few stunted pine scattering
	Mountainous land 80.00 chs. —
	North bet. secs. 25 and 30
	Ascending gradually on rolling plateau
18,60	Enter huge granite boulders on summit of Fish Lake Plateau elevation 11,600 ft.; course of rocky ridge about 50 ft. above plateau and constituting the summit, is N. E and S W.
	Thence on slope W.
40,00	Set a granite stone 25 x 11 x 6 ins. 18 ins. in mound of stones 2 ft. base 1½ ft. high on lip of flat boulder 14 x 10 x 7 feet above ground for 1/4 sec. cor. marked 1/4 on W. face; — Pits impracticable
	No natural bearing objects could be obtained within limits
	This cor. stands on edge of plateau on N W slope 50 ft. below summit. —
	Leave plateau and descend at head of canon on steep rocky N. W. slope
64,00	Leave rocky surface and enter timber
80,00	Set a lava stone 18 x 12 x 7 ins. 12 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. from which
	A pine tree 12 ins. diam. bears N 14° 50 W. 46 lks. dist. marked T 25 S R 1 E S 24 B.T.
	A pine tree 14 ins. diam. bears S 79° 7' W 59 lks. dist. marked T 25 S R 1 E S 25 B.T.
	A pine tree 11 ins. diam. bears S 17° 30' E 6.3 lks. dist. marked T. 25 S. R. 2 E. S. 30 B.T.
	A pine tree 9 ins. diam. bears N 54° 45' E 38 lks dist. marked T 25 S R 2 E S. 19 B.T.
	Land mountainous, rolling plateau and steep broken slope
	Soil rocky and gravely 4th rate
	Timber pine of good size and quality
	Mountainous land 80.00 chs.
	North bet. secs. 19 and 24
	Descending in steep broken slope N.W.; in timber
4,00	Set a lava stone 18 x 10 x 8 ins. 12 ins. in ground and mound of stones on rocky slope, for 1/4 sec. cor. marked 1/4 on W. from which

East boundary of T. 25 S. R. 1 E.

diam. A pine tree 6 ins. diam. bears N. 80° E. 3 lks dist. marked 1/4 S. 13. T.
A pine tree 9 ins. diam. bears S. 44° 45' W. 10 lks. dist. marked 1/4 S. 13. T.
The sky being cloudy I was unable to obtain any observation on the sun while on the meridian this day - June 11, 1
8.00 Set a lava stone 18 x 9 x 6 ins 12 ins in the ground for cor. of secs. 13-18-19 and 24 marked with - 3 notches on S and N edges. from which
An aspen tree 5 ins. diam. bears N. 77° 45' E. 15 lks. dist. marked T. 25 S. 12 E. S. 18 13. T.
A pine tree 6 ins. diam. bears S. 5° 30' E. 27 lks. dist. marked T. 25 S. 12 E. S. 19 13. T.
A pine tree 11 ins. diam. bears N. 52° 30' W. 26 lks. dist. marked T. 25 S. R. 1 E. S. 13 13. T.
A pine tree 5 ins. diam. bears S. 36° 7' W. 24 lks. dist. marked T. 25 S. 12 1 E. S. 24 13. T.
This cor. stands on steep N.W. slope 1200 ft. below top of plateau and 870 ft. blow cor of secs. 19-24-25 and 30
Land mountainous
Soil gravelly and rocky 80 acres
Timber pine of good size and quality 8000 lbs
Mountainous lands 80,00 lbs

N. on W. bet. secs. 13 and 18
Descending on N.W. slope in timber
40.00 Set a lava stone 18 x 9 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
An aspen tree 5 ins. diam. bears S. 43° W. 32 lks dist. marked 1/4 S. 13. T.
An aspen tree 5 ins. diam. bears N. 45° 27' W. 13 lks. dist. marked 1/4 S. 13, T.
Descending gradually on rolling N.W. slope
3.29 Spring branch 8 lks wide course N. 75° W. in bottom of narrow gulch 5 ft. deep
Begin ascent in scattering timber
63.00 Top of ridge bears E and W.; sloping W. to gulch
64.00 Begin descent on N. slope
73.37 Stream 2 lks wide course S. 80° W. in bottom of gulch 20 ft. deep
Ascending
80.00 Set a lava stone 18 x 14 x 6 ins 12 ins in the ground for cor. of secs. 7-12-13 and 18 marked with 4 notches on S. and

East boundary of T 25 S R 1 E

chains	2 notches on N edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. — Pits impracticable
	No natural bearing objects could be obtained within limits
	This cor. stands on broken slope S.W. 200 ft. below cor. of secs. 13-18-19 and 24
	Land mountainous
	Soil gravely and rocky 3d rate
	Timber pine and aspen of fair quality on S. 5300 chs. ballance scattering of same
	Mountainous land 8000 chs. —
	North bet. secs. 7 and 12
	Ascending on rolling surface sloping W.
4,00	Top of ridge bears E and W. 1 sloping W.; descending gradually
13,43	Stream 3 lks. wide flows W. in gulch 45 ft. deep
40,00	Set a lava stone 17 x 13 x 5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face 1 raised a mound of stones 2 ft. base 1½ ft. high W. of cor. — Pits impracticable
54,13	Spring branch 4 lks. wide flows S.W. in gully 30 ft. deep
71,35	" " 3 " " " " " " 25 " "
75,50	" " 4 " " " " " " " " "
79,65	Stream 8 lks. wide 4 ins. deep swift current, flows S 30° W
	Begin ascent of steep slope facing S.E.
80,00	Set a lava stone 20 x 10 x 6 ins. 15 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
	An aspen tree 4 ins. diam. bears S. 24° 44' W. 19 lks. dist. marked T. 25 S. R. 1 E. S. 12 B.T.
	An aspen tree 4 ins. diam. bears N 61° 50' E 37 lks. dist. marked T 25 S R 2 E S. 6 B.T.
	No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. —
	This cor. stands on S E slope 20 lks above stream and 90 ft. below cor. of secs. 7-12-13 and 18
	Land mountainous rolling and broken
	Soil gravely wash 2d rate
	Timber a few aspen of small size scattering and in bunches; a fringe of dense willow brush along streams
	Mountainous land 8000 chs. —
	North bet. secs. 1 and 6
	Ascending on steep broken S E slope

East boundary of T 25 S R 1 E

Chains	
10,00	Top of slope, and ridge 270 ft. above last cor. course S 30° W and N 30° E
	Begin gradual descent on N.W. slope
40,00	Set a lava stone 17 x 9 x 6 ins. 12 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	An aspen tree 4 ins. diam. bears. S. 17° 20' W. 69 lks. dist. marked 1/4 S B.T.
	An aspen tree 4 ins. diam. bears. S 77° 15' W. 38 lks dist. marked 1/4 S B T. - raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	Begin descent on broken slope N.W.
52,00	Spring branch 3 lks wide flows W. in marshy bottom
	Enter willow brush
57,60	Otter creek in head of Daniels Cañon 10 lks wide 5 ins. deep swift current, pure water, flows S. 28° W. on bottom of cañon
58,00	Leave willow brush and begin ascent on S.E. slope
77,00	Enter lava bed, of rock and bowlders.
80,00	Set temporary cor. of Tps. 24 and 25 S. R 1 and 2 E
	Land mountainous broken and rolling
	Soil gravely and stony 2d rate
	Timber a few aspen of small size scattering and in bunches. -
	Mountainous land 80,00 chs.
	June 11, 1895

June 12: At 8h 5m a.m., t m t I set off 38° 41' on the lat. arc and 23° 11' N on the decl. arc; and determine a true meridian with the solar at the temporary cor. of Tps. 24 and 25 S Rs. 1 and 2 E. -

Thence I run

West on a random line along the N. bdy. of Tp. 25 S. R 1 E. setting temp. 1/4 sec. and sec. cors. at intervals of 40,00 chs.; and at 303.51 chs. intersect E. bdy. of sec. 5; 1.82 chs. S. of cor. of secs. 4-5-32 and 33 which is a stone firmly set marked and witnessed as described by the surveyor general. -

The falling answers to a correction of 0° 21' or 49 lks. N. per mile counting from the N.E. cor. of the Tp. therefore I run S 89° 39' E bet. secs. 4 and 33

North boundary of T. 25 S R 1 E

chains

19,90 Bottom of gulch 60 ft. deep course S.W.; begin ascent in scrubby mahogany and large bowlders.-

23,51 Set a lava stone ~~stone~~ 18 x 11 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face; from A mountain mahogany tree 5 ins. diam. bears S 36°15' 34 lks. dist marked 1/4 S.B.T.

A mountain mahogany tree 5 ins. diam. bears N 75°33' 46 lks. dist. marked 1/4 S.B.T.; raised a mound of stones 2 ft. base 1½ ft. high N. of cor.

63,51 Set a trachyte stone 18 x 10 x 5 ins. 12 ins. in the gro 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 1 ft. high W. of cor.- Pits impracticable

Land mountainous broken and rolling

Soil gravely and rocky 3d rate

Timber scrubby pinion and mountain mahogany, scattering- -

Mountainous land 63,51 chs. -

This cor. stands on N.W. slope 250 ft. above cor. of secs. 4-5-32 and 33

June 12: At this cor. I set off 23°11' N. on the decl. arc: and at 12h m. t. m. t. observe the sun on the meridian: the resulting lat. is 38°41'.

S 89°39' E bet. secs. 3 and 34

Ascending in scattering, scrubby mahogany on N.W.

40,00 Set a trachyte stone 17 x 14 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face 1 raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable. -

60,00 Top of ridge bears. N 75° E and S 75° W. and sloping S.W. from main ridge; thence ascending on S. slope

80,00 Set a lava stone 20 x 11 x 6 ins. 15 ins. in the gro for cor. of secs. 2-3-34 and 35 marked with 4 notches on W. 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 on S. slope near top of ridge and 350 above cor. of secs. 3-4-33 and 34

Land mountainous

Soil rocky and gravely 3d rate

Timber scrubby [illegible]

North boundary of T 25 S R 1 E

chains	
	Mountainous land 80,00 chs. -
	S 89° 39' E bet. secs. 2 and 35
	Ascending on broken S.W. Slope in timber
4,00	Set a lava stone 18 x 10 x 7 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
	No trees of sufficient size within limits
	This cor stands in dense aspen brake on W. slope
8,00	Set a lava stone 20 x 9 x 5 ins. 15 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 on W. slope in edge of aspen brake and 900 ft. above cor. of secs. 2-3-34 and 35
	Land mountainous
	Soil gravely and rocky 3d rate
	Timber aspen 1 to 4 ins. diam and very dense
	Mountainous land 80,00 chs.
	S 89° 39' E. bet. secs. 1 and 36
	Ascending on W. slope in scattering timber
4,50	Top of main ridge between Plateau valley and Lemich Canon 50 ft. above cor. bears N E and S.W.; thence on rocky broken plateau
16,20	Begin descent on S.E. slope
21,25	Enter timber and brake bears N and S
4,00	Set a lava stone 21 x 12 x 5 ins. 15 ins. in the ground and mound of stones for 1/4 sec. cor. marked 1/4 on N. face from which
	An aspen tree 4 ins. diam. bears S 37° 40' E. 10 lks. dist. marked 1/4 S.B.T.
	An aspen tree 4 ins. diam bears N 16° W. 15 lks. dist. marked 1/4 S.B.T.
50,30	Leave aspen brake bears N and S thence in timber scattering
79,25	Bottom of slope 940 ft. below top of ridge; leave timber and enter bed of lava boulders.
8,00	The temp. cor. of Tps. 24 and 25 S R 1 and 2 E
	Set a lava stone 28 x 13 x 6 ins. 21 ins. in mound of stones 3 ft. base for cor. of Tps. 24 and 25 S R 1 and 2 E marked with 6 notches on each edge; from which
	An aspen tree 7 ins. diam. bears S 85° E. 55 lks. dist.

North boundary of T 25 S 12 E

Chains

marked T 25 S 12 E S 6 13 T

An aspen tree 8 ins diam bears N 68° 15' W 76 lks dist

marked T 24 S 12 E S 36 13 T

An aspen tree 9 ins diam bears S 70° 20' W 77 lks

dist marked T 25 S 12 E S 1 13 T

no other trees within limits - Pits impenetrable

land mountainous

Soil gravely and rocky 3d rate

Timber, aspen of small size

Mountainous land 80.00 chs -

Note: as the exteriors of this township will not close in departure within the prescribed limits and having retraced the western two miles of N bdy in connection with this line and found them to agree with the field notes thereof it becomes necessary to retrace the S bdy of Tp to locate the error -

June 12, 1895

Boundaries of T 25 S 12 E

Latitudes departures and closing error

Line designated	True bearing	Distances chs.	Latitudes N chs	Latitudes S chs.	Departure E chs.	Departure W chs.
Salt Lake Meridian	North	48.0,00	480,00 ✓			
5th St. Parallels South	East	465,20		✓	465,20	
East bdy T 24 S 12 E	North (South)	480,00		480,00 ✓		
N. bdy T 25 S 12 E	East (West)	159,56	✓			159,56
" " " " " "	(N 89° 39' W) S 89° 39' E	308,54	1,82 ✓			308,54 ✓
Convergency				✓		5.8 ✓
Totals			481,82 ✓ 480,00	480,00	465,20 ✓ 463,65	463,65 ✓
Error in lat.			1,82 ✓	in dep.	1,55 ✓	

The unsurveyed portion of this Tp. is rough and mountainous with the exception of a narrow strip along the western base of the mountains in secs. 8-17-20 and 29 which is level and suited for cultivation - The township is well watered and ~~and~~ contains some pine timber in the South eastern portion, it is all fertile and affords good pasture without irrigation - The township should be subdivided -

Andrew P. Hansen
U.S. Deputy Surveyor

List of Names.

A list of the names of the individuals employed by Andrew P. Stanson, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the East and North boundaries of Tp. 2 E S R 1 E

of the Salt Lake Base and Meridian, in Utah, showing the respective capacities in which they acted:

Andrew P. Stanson	Chainman
Wm. [illegible]	"
E. S. Forgill	"
Joshua Gardner	Axeman
Wm. P. [illegible]	Flagman

Final Oath of Assistants:

We hereby certify that we assisted ....., U. S. Deputy Surveyor, in surveying all those parts or portions of the ..... Meridian, ..., as 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 U. S. Surveyor General for .....

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

SEAL

6-10

Final Oath of U. S. Deputy Surveyor.

I, _____, U. S. Deputy Surveyor, d

solemnly swear that, in pursuance of instructions received from _____, U.

Surveyor General for _____, bearing date of the _____ day

_____, 18 , I have well, faithfully, and truly, in my own proper person, and in stri

conformity with the instructions furnished by the U. S. Surveyor General for _____, t

surveying manual, and the laws of the United States, surveyed all those parts or portions of _____

_____

_____

_____

_____

_____ Meridian, in the _____, as are represented in the fo

going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that the corners of said survey have been established and perpetuated in strict accordance with the surveying man printed instructions, the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the true field notes of such surv and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Cong approved August 8, 1846.

_____

U. S. Deputy Surveyo

Subscribed and sworn to before me this _____ day of _____, 18 .

SEAL

_____

_____

Approval.

Office of the U. S. Surveyor General,

Salt Lake City, Utah, May 23rd, 1

The foregoing field notes of the survey of the East & South Boundaries Township 25 South, Range 1 East of the Salt Lake Base & Meridian, Utah

_____

_____

_____

_____

_____

_____ execu

Andrew J. Hanson

_____

under his Contract No. 198, dated March 4th, 1895, having been cri examined, the necessary corrections and explanations made, the said field notes, and the surveys they describ hereby approved.

_____

U. S. 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.

_____

U. S. Surveyor Gen

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(4—679.)

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BOOK A-239

FIELD NOTES

No. 7.B.

OF THE SURVEY OF

Subdivision Lines

of

Township No. 26 South Range No. 3 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Andrew P. Hanson, U. S. Deputy Surveyor,

Under his Contract No. 198, dated March 4, 1895.

Survey commenced May 26, 1895.

Survey completed June 9, 1895.

(12593—2,000.)

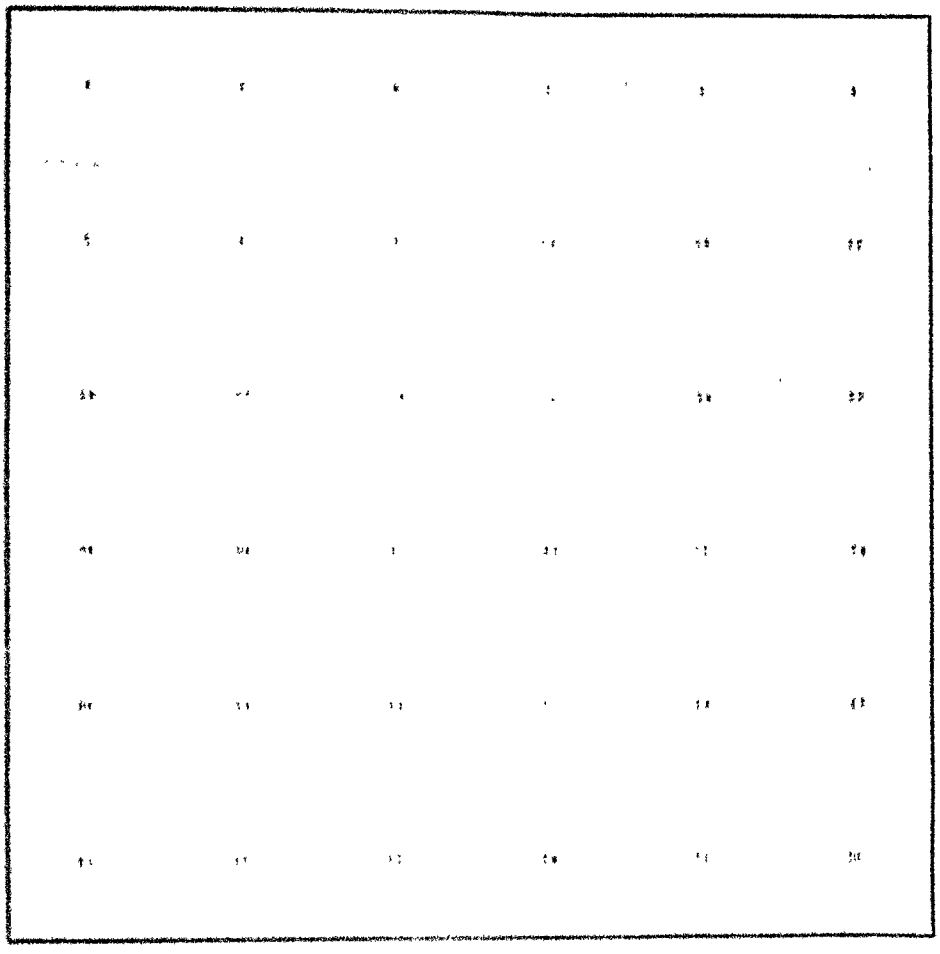
Names and Duties of Assistants.

Andrew F Rieser	Chainman
Wm S Towne	Chainman
Joshua Gardner	Axeman
Wm T Tilo Keeler	Flagman

BOOK A-230

INDEX DIAGRAM.

Township . *Range*



Meanders: Page

Preliminary Oaths of Assistants.

We, _____

_____

_____

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

_____

_____

_____

_____

_____, *Chainman*

_____, *Chainman*

_____, *Chainma*

_____, *Chainma*

Subscribed and sworn to before me this _____
day of _____, 18 .

_____

_____

We, _____

_____

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

_____

_____

_____

_____

Subscribed and sworn to before me this _____
day of _____, 18 .

_____, *Axeman*

_____, *Axeman*

_____

_____

_____

K A-239

Subdivisions of T. 26 S. R. 3 E.

Chains Survey commenced May 26, 1895 and executed with a W & L E Gurley light mountain transit No 7 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 March 16, 1895

Note Having tested my instrument May 24, on a true meridian established by observation on Polaris in sec. 26 T. 27 S. R. 2 E. in connection with the survey of said township, and found it to be in proper adjustment and being confident it is the same at this time, I deem it unnecessary to observe Polaris before commencing this survey May 26; at 8h 5m a.m. l.m.t. I set off 38° 30' on the lat. arc, and 21° 10' N. on the decl. arc. and determin a true meridian with the solar at the cor. to secs. 1-2 35 and 36 on S bdy of Tp 26 S R 3 E in lat. 38° 30' N. long. 111° 35' W.

The magnetic bearing of the true meridian at 8h 10m a.m. is N 16° 4' W; the angle thus determined reduced by the table page 100 gives the mean mag. decl. 16° 0' E

From the cor. above described I run

N 0° 1' W. bet. secs. 35 and 36

Ascending on rocky slope in dense undergrowth

17,40 Top of slope at head of gulch; thence descending on brot slope facing N.

37,00 Top of canon; descending on steep rocky slope N.W.

40,00 A stationary rock 30x24x20 in. above 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

60,95 „East Fork„ of Fremont River, left bank; turn S.W.; the along edge of stream in bottom of narrow Canon 450 ft. deep

64,85 Leave stream and cross rocky point 26 ft. high

69,06 Left bank East Fork course S.W.

69,24 Right bank East Fork " " "

Leave bottom of canon and ascend on rocky slope

80,00 Set a lava stone 20x12x4 in. 15 in. in the ground for

- 1 - 5 and 36 marked with [illegible]

chains	and E. edges; raised a mound of stones 2 ft. base 1½ ft. high. W. of cor. - Pits impracticable. —
	This cor. stands close to the edge of the canon on slope
	facing S 1.00 ft. below cor. 1 mile S on T.L. line
	Land mountainous very broken
	Soil gravely on slope and rocky in canon 2d and 3d rate
	Timber a few scrubby pinion in the canon
	Dense undergrowth of sage and stone
	Mountainous land and dense undergrowth 8.00 Chs.
	N 89° 58' E on a random line bet. secs. 25 and 36
40.00	set limb ¼ sec. cor.
80.09	Intersect E. bdy. of Tp 5 chs. N. of cor. to secs. 25-30-31 and 36
	Thence S. rem
	West on a true line bet. secs. 25 and 36
	Descending gradually on rolling slope in dense undergrowth
40.04.5	set a lava stone 18 x 14 x 9 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
47.00	Edge of Canon; thence descending on steep rocky slope
62.10	Perpendicular precipice 55 ft. deep course N E and S W
63.83	Left bank of "East Fork" of Fremont River course S.W. in bottom
	of narrow canon 400 feet deep
64.08	Right bank East Fork
64.65	Ascending steep rocky slope; heavy dense undergrowth
67.00	Level rocky slope and ascend on even slope facing S E
80.09	The cor. to secs. 25-26-35 and 36
	Land Mountainous
	Soil gravely on slope and rocky in canon 2d and 3d rate
	No timber
	Mountainous land and dense undergrowth 80.09 Chs
	N 0° 1' W. bet. secs. 25 and 26
	Ascending
.30	Top of canon; thence ascending on rolling slope facing S E
20.00	Cedar timber
40.00	set a blackjack stone 18 x 14 x 4 in. 12 in. 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.
	A pinion tree 14 in. diam. bears N 30° 28' E 15 lks dist. marked
	¼ S.B.T.
	[illegible]

Subdivision of T 26 S R 3 E

Chains marked 1/4 S B T

42,00 Top of ridge 310 ft. above sec. cor. course E and W
Descend

44,45 Bottom of ravine 60 ft. deep course E
Ascend

54,75 Top of ridge course E and W. 90 ft. high, sloping E
Descend

60,15 Bottom of gulch 70 ft. deep course E
Ascending

68,00 Top of slope enter flat top of ridge sloping E

76,10 Descend on broken slope

80,00 Set a trachyte stone 18 x 11 x 9 in. 12 in. in the ground for cor. to secs. 23-24-25 and 26 marked with 2 notches on S and 1 notch on E edges; from which
A pinion tree 6 ins. diam. bears N 0° 45' W 60 lks. dist. marked T. 26 S R. 3 E. S. 23 B.T.
A pinion tree 14 in. diam. bears S 57° 20' E 73 lks. marked T. 26 S. R. 3 E S. 25 B.T.
no other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. —
This cor. stands on slope facing N.E. and 600 feet above cor to secs 25-26-35 and 36
Land mountainous
Soil gravely and stony 2d rate —
Timber pinion and cedar
Mountainous land 8000 chs. —
May 26: at this cor I set off 21° 12' on the decl. arc and at 11h 57' a.m. Z.m.Z. observe the sun on the meridian; the resulting lat. is 38° 32'

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

40,00 Set temp 1/4 sec cor.

80,10 Intersect E. bdy. of Tp 32 lks N of cor. to secs. 19-24-25 and 30
Thence I run
N 89° 46' W on a true line bet. secs. 24 and 25
Ascending on rolling slope facing S E

5,40 Two log cabins claimed by Geo. J. Forsyth bears S. 9,45 dist.

11,60 Top of ridge course nearly N and S; slope S.
Descending

1 lks house bears S. 20 lks dist

Subdivision of T 26 S R 3 E

chains	
24,50	A spring house or water cellar bears N 15 lks dist.
	A large springs of excelent water 2 chs diam. bears N 3,00 chs dist. it discharges a stream 15 lks. wide 6 ins. deep flowing S W down a steep hillside. -
	A coral and stable bears S. 25° W 200 chs dist.
25,30	Local road. to canon course N. W.
29,65	Left bank of East Fork, course S E. at foot of slope
30,10	Right bank of " "
	Enter Geo. J Forsyth's hay meadow
40,05	Set a black lava stone 18 x 12 x 9 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
45,65	Rail fence course N W and S E
45,90	Irrigating ditch 5 ft. wide course S E.
46,05	Ascending on on rocky slope, leaving river bottom
56,35	Enter timber
80,10	The cor. to secs. 23-24-25 and 26
64,00 / 16,10	This cor stands about 700 feet above cor to secs 19-24-25 and 30
	Land mountainous and level bottom land
	Soil sandy loam in bottom 1st rate on mountain side 2d
	Timber pinion
	Mountainous land 6400 chs. -
	N 0° 1' W bet. secs. 23 and 24
	Descending in timber
2,50	Bottom of ravine draining E 30 ft. deep
	Ascend
18,00	Top of ridge course E and W.; sloping E to river
18,40	Leave timber, and descend on slope facing N E
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 stones 2 ft. base 1½ ft. high W. of cor. - Pits impracticable. -
62,00	Enter bottom of gulch
63,25	East Fork course S.E. 16 lks. wide, deep swift current in fringe of maple brush
63,65	Ascend, enter timber
8,00	Set a lava stone 17 x 12 x 6 ins. 12 ins. in the ground for cor. to secs. 13-14-23 and 24 marked with 3 notches on S. and 1 notch on E. edges from which
	[illegible] 29 [illegible]

Subdivisions of T 26 S R 3 E

chains	T 26 S R 3 E S 24 B.T.
	A pinion tree 4 ins diam. bears N 54° 30' W. 12 lks. dist marked T 26 S R 3 E S 14 B.T.
	A pinion tree 6 ins. diam. bears N 63° 15' E 56 lks. dist. marked T 26 S R 3 E S 13 B T
	A cedar tree 13 ins. diam. bears S 56° 30' W 87 lks dist. marked T 26 S R 3 E S 23 B.T.
	raised a mound of stones 2 ft. base 1½ ft. high W. of cor. This cor stands on rocky slope facing S. 400 feet above river
	Land mountainous
	Soil gravely and rocky 3d rate
	Timber pinion and cedar
	Mountainous land 8000 chs.
	S 89° 46' E on a random line bet. secs. 13 and 24
4,00	set temp 1/4 sec cor.
8,00	Intersect E. bdy of Tp. 26 lks S of cor. to secs. 13-18-19 and 24
	Thence I run
	N 89° 57' W on a true line bet. secs. 13 and 24
	Ascending on slope facing S and E
4,00	Set a a black lava stone 18 x 13 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. - Tik impracticable
48,50	Top of ridge course nearly N. and S. 300 ft. above sec. cor.
51,00	Descend on rocky slope facing S.W.
69,00	Enter timber
76,95	Bottom of gully 60 ft. deep course S.; broken and steep
	Ascend
80,00	The cor. to secs. 13-14-23 and 24
	Land mountainous
	Soil gravely and rocky 2d and 3d rate
	Timber pinion and cedar
	Mountainous land 8000 chs. -
	N. 0° 1' W. bet. secs 13 and 14
	Ascending in timber, on rocky slope
14,60	Bottom of gully course S. E 30 ft. deep
15,00	Leave timber
40,00	Set a lava stone 25 x 20 x 3 ins. 18 ins. in the ground for [illegible] W. face; raised a mound of

Chains	stone 2 ft. base 1½ ft. high W.P. cor.– Pits impracticable
	Elm cor bears 4.75 feet about the sec. cor. ½ mile S.
4,40	Top of ascent ended ridge course N.W. and S.E.
5,50	Descend on slope N E
5,90	Bottom of gulch course from N.W to S E 100 ft. deep; ascend
6,00	Top of steep slope; thence ascending gradually on
	even slope
8,50	Set a lava stone 18 x 12 x 5 ins. 12 ins. in the ground
	for cor. to secs. 11-12-13 and 14 marked with 4 notches
	on S and 1 notch on E edges; from which a
	A cedar tree 40 ins. diam. bears S 59° E. 174 lks.
	dist. marked T 26 S R 3 E S 14 B.T.
	no other trees within limits; raised a mound of
	stones 2 ft. base 1½ ft. high W. of cor.
	Land Mountainous
	Soil gravelly and rocky 3d rate
	Timber pinion and cedar
	Mountainous land 80,00 chs. –
	May 26, 1895

	S 89° 57' E on a random line bet. secs. 12 and 13
4,00	Set temp. ¼ sec cor.
8,24	Intersect E. bdy. of Tp 7 lks S of cor. to secs. 7-12-13 and
	18
	Thence 3 runs
	West on a true line bet. secs. 12 and 13
	Ascending
2,75	Top of ridge course N and S 120 ft. above cor
	Descend on steep rocky slope and slide rock
14,75	Leave slide rock
17,15	Bottom of canon 320 ft. deep course from N.W. to S
	Ascend
22,25	Top of slope ended level mesquite ridge 130 ft. high course
	N W and S E
36,20	Leave top of ridge begin descent
39,45	Bottom of ravine 60 ft. deep course S E
	Begin ascent
40,12	Set a lava stone 18 x 14 x 4 ins. 12 ins. in the ground
	for ¼ sec cor. marked 1/4 on N. face; raised a mound
	of stones 2 ft. base 1½ ft. high N of cor
	Pits impracticable. –
	Trees [illegible] dia [illegible]

Subdivision of T. 26 S. R. 3 E.

Chains	
45.20	Wood road course N.W and S.E.
56.58	Ended slide rock and ascend. on steep slope leaving creek bottom — Ended timber
74.20	Top of slope and ridge. course N.W and S.E 350 ft. above 1/4 sec cor.; Thence descending gradually on plateau leaving timber.
80.24	The cor. to 11 secs. 11-12-13 and 14 Level Mountainous Soil rocky and gravelly 3d rate Timber pinion and aspen of small size Mountainous land 80.24 chs. —
	N 0°1' W. bet secs. 11 and 12
	Ascending gradually on even slope facing S
4.90	Top of slope; began descent on steep slope, in timber
36.90	Level steep slope and timber; Thence ascending gradually on rolling surface
40.00	Set a lava stone 18 x 11 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 ft. base 1½ ft. high W. of cor. Pits impracticable. —
	This cor. stands in bottom of canon 400 feet below the last sec. cor.
	Descending gradually in dense undergrowth —
79.60	Wood road course N W and S E
80.00	Set a lava stone 18 x 10 x 7 ins. 12 ins. in the ground for cor. to 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 Level Mountainous rolling and broken Soil rocky on slope; in bottom of canon gravelly soil 1st rate Timber pinion, aspen, and pine of small size Dense undergrowth of sagebrush and trees Mountainous land and dense undergrowth 80.00 chs.
	East on a random line bet. secs. 1 and 12
40.00	Set stone 1/4 sec. cor.
80.11	Intersect E. bdy. of Tp. 14 Elks. S of cor. to secs. 1-6-7 and 12
	The cor. is a mound

Chains	
	S 89° 54' W on a true line bet. secs. 1 and 12.
	Descending on rolling surface; slope facing S.W.
19,50	Bottom of gulch course S & 120 ft. deep
	Ascend on broken surface
37,40	Top of ridge course S & and N W 200 ft. above cor.
	Descending on rocky broken slope
40,00-55	Set a trachyte stone 20 x 12 x 7 ins. 15 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 slope facing W. 45 ft. below top of ridge. -
43,55	Enter aspen brake and dry fallen timber
53,20	Leave " " " " " "
74,00	Foot of slope 420 ft. below 1/4 sec. cor.; enter bottom of canon and descend gradually in dense undergrowth -
80,11	The cor. to secs. 1-2-11 and 12
	Land mountainous
	Soil rocky and gravelly on slope; in bottom of canon gravelly wash. 1st and 3rd rate -
	Timber aspen of small size very dense and dry, burnt. pine. -
	Dense undergrowth of sage brush and thorn
	Mountainous land and dense undergrowth - 80,11 chs. -

	N 0° 1' W bet. secs. 1 and 2
	Ascending gradually in dense undergrowth in bottom of canon
5,50	Leave bottom of canon and ascend on broken slope facing S.W.
40,00	Set a lava stone 25 x 11 x 5 ins. 18 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. -
75,86	Intersect 5th St. Parallel South which is the N. bdy of this Tp 3.47 chs. E of N. cor. to secs. 35 and 36 which is a stone primly set, marked and witnessed as described by the surveyor general. -
	Set a trachyte stone 22 x 14 x 5 ins. 16 ins. in the ground for closing cor. to secs. 1 and 2 marked C.C. on S. with 1 grove on E and 5 groves on W. faces. from which
	A mountain mahogany tree 4 ins. diam. bears S 48° 20' W

Subdivision of T 26 S R 3 E.

Chains 76 lks dist. marked T. 26 S. R. 3 E. S. 2 B.T.
No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high S. of cor. Pits impracticable
This cor. stands on rocky slope facing S.W. 400 feet abt. cor. to secs. 1-2-3 and 2
Land mountainous
Soil gravely wash in bottom of canon; rocky and gravely on slope 1st and 3d rate
Timber; patches of aspen brake and a few scattering mountain mahogany. Dense undergrowth of sagebrush and thorn.
Mountainous land and dense undergrowth - 75.86 chs.
May 27. At this cor. I set off 21° 22' N. on the arc and at [illegible] observe the sun on the meridian. The resulting lat. is 38° 36'

May 27. At [illegible] I set off 38° 30' on the la. arc and [illegible] on the decl. arc and determine a true meridian with the solar at the cor. to secs. 2-3-3 and 35 [illegible]
Thence [illegible]
[illegible] bet. secs. 3 and 35
Descending gradually
[illegible] Descending on steep rocky slope facing N.W.
8,70 [illegible] slope 37 ft. below cor.; thence descending gradually in dense undergrowth
22,80 Begin descent of steep slope facing N
24,65 [illegible] of Tremont River about 20 chs. E. of junction of streams, course S 80° W. 18 lks. wide deep, swift current clear water; 680 ft. below sec. cor.
Ascending on slope facing S
28,00 Wood road course E and W
35,70 Top of slope 100 ft. above stream; thence ascending gradually on slope facing S.W.
41,00 Set a trachyte stone 8 x 9 x 6 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
From this cor. a coral 70 ft. diam. bears West 24.00 chs. claimed by Frank and Anne Edwards; if other improvements existed they have probably been burned as the ground around the coral bear evidence of a recent fire.
[illegible] To [illegible] above [illegible] cor.

Subdivision of T 26 S R 3 E

chains sloping W to river; enter timber

80,00 Set a lava stone 18 X 14 X 6 ins. 12 ins. in the ground for cor. to secs. 26-27-34 and 35 marked with 1 notch on S and 2 notches on E. edges. from which
A pine tree 10 ins. diam. bears S 28°20' E. 105 lks. dist. marked T 26 S R 3 E S. 35 B.T.
A pine tree 2 ft. diam. bears N 74°20' E. 76 lks. dist. marked T 26 S R 3 E S 26 B T
A cedar tree 8 ins. diam. bears. N 4°22' W. 51 lks. dist. marked T 26 S R 3 E S 27 B.T.
no other trees within limits; raised a mound of 2 ft. base 1½ ft. high W. of cor.
This cor stands on slope facing N to gulch 40 ft. below top of ridge
Land Mountainous broken and rolling
Soil rocky and gravely on higher slopes; in bottom of gulch gravely wash 1st and 3d rate
Timber pinion, pine and cedar; dense undergrowth of sagebrush and thorn
Mountainous land and dense undergrowth 80,00 chs.

N 89°58' E on a random line bet. secs. 26 and 35
40,00 Set temp 1/4 sec. cor.
80,12 Intersect N and S line at cor. to secs. 25-26-35 and 36
Thence I run
S 89°58' W on a true line bet. secs. 26 and 35
Ascending on broken slope facing S E.
28,50 Top of ridge course N. and S. 300 feet above cor.
Descending on broken slope
38,45 Head of gulch course N W 120 ft. below top of ridge
Ascending
40,06 Set a lava stone 18 X 10 X 6 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. S 88°30' W 86 lks. dist. marked 1/4 S B T
A cedar tree 6 ins. diam. bears N 40' W 90 lks. dist. marked 1/4 S B.T.; raised a mound of stones 2 ft. base 1½ ft. high N. of cor.
40,90 Enter timber
41,60 Rocky point sloping N from ridge 35 ft. high; thence
[illegible]

Subdivision of T 26 S R 3 E

Drains chs. below hgt. of ridge

80,12 The cor. to secs. 26-27-34 and 35

This cor. stands 2 50 feet below 1/4 sec. cor. on this line

Land mountainous

Soil gravely and rocky 3d rate

Timber pinion, pine and cedar

Mountainous land 80,12 chs. —

N. 0° 1' W. bet. secs. 26 and 27

Descending, in timber

5,34 Bottom of gulch course W. 80 lk. below cor.

Ascending on steep facing S.W over ravines and broken

4,00 set. Lava stone 18 x 12 x 6 ins. 12 ins. in the ground for

1/4 sec. cor. marked 1/4 on W. face; from which

a pinion tree 4 ins. diam. bears S. 75° 5' E 47 lks. dist.

marked 1/4 S 13. T.

A pinion tree 7 ins. diam. bears N 19° 44' E 53 lks. dist.

marked 1/4 S. 13. T.

8,00 set a boulder stone 20 x 9 x 6 ins. 15 ins. in the ground

for Cor. to secs. 22-23-26 and 27 marked with 2 notches

on S. and E. edges. from which

A pinion tree 6 ins. diam bears S. 25° 30' W. 25 lks dist.

marked T 26 S R 3 E S 27 B.T.

A pinion tree 4 ins. diam. bears. N 13° 30' W. 56 lks, dist.

marked T 26 S R 3 E S 22 B.T.

A pinion tree 5 ins. diam. bears S 16° 12' E 53 lks. dis

marked T 26 S R 3 E S 26 B T

A pinion tree 7 ins. diam. bears N 75° 24' E 136.

lks. dist. marked T 26 S R 3 E S 23 B.T.

Raised a mound of stones 2 ft. base 1/2 ft. high W. of cor.

This cor. stands 900 ft. above cor. to secs. 26-27-34 and 35

Land Mountainous

Soil gravely and rocky 3d rate

Timber, pinion, cedar, and pine

Mountainous land 8,000 chs. —

May 27, 1895

N 89° 58' E on a random line bet. secs. 23 and 26

4,00 set temp. 1/4 sec. cor.

8,00 Ordered N and S line 5 lks. N. of cor. to secs. 23-24-25

and 26

To

Subdivision of T 26 S R 3 W

Chains.	West on a true line bet. secs. 23 and 26
	Ascending on slope facing N E, in timber
29,00	Top of slope; enter plateau course S. E and N W.
	Ascend gradually
36,50	Top of ridge; thence descending on slope facing W.
	Leave timber
38,20	Leave slope; and enter bottom of gulch, course S 40° E. deep
40,00	Set a lava stone 16 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 1½ ft. high N of cor. Pits in spread
	This cor stands in bottom of gulch draining S. 37° E.
	above last sec. cor.
	Ascending gradually over rocky plateau
73,50	Top ridge course N. and S E 50 ft. above 1/4 sec cor. —
	Descending in slide rock on steep slope facing W.
77,00	Leave slide rock; enter timber
80,00	The cor. to secs. 22-23-26 and 27
	Land Mountainous
	Soil gravely and rocky 3rd rate
	Timber pinion
	Mountainous land 80,00 chs. —

	N 0° 1' W. bet secs. 22 and 23
	Ascending on rocky slope in timber
27,10	Top of slope; enter high plateau, and ascend gradu
	over broken surface strewn with huge boulders
40,00	A pine tree 6 ins. diam. for 1/4 sec. cor. marked
	1/4 S on W. face from which
	A pinion tree 10 ins. diam. bears N 45° E 34 W 29 lks.
	dist. marked 1/4 S. B. T.
	A pinion tree 13 ins. diam. bears N 44° 30' E 45 lks.
	dist. marked 1/4 S B. T.
74,70	Leave plateau and descend on broken slope facing N E
80,00	Set a lava stone 18 x 13 x 7 ins. 12 ins. in the ground
	for cor. to secs. 14-15-22 and 23 marked with 3 notches
	on S and 2 notches on E. edges from which
	A Mountain mahogany tree 16 ins. diam. bears N 38° 30'
	16 links dist. marked T. 26 S. R 3 E S 15 B. T.
	A mountain mahogany tree 10 ins. diam. bears N 83° 15' E
	31 lks. dist. marked T 26 S R 3 E S 14 B. T.
	No other trees within limits; raised a mound of stones
	2 ft. 1½ ft. W.

Subdivision of T 26 S R 3 E

chains	This cor. stands on slope facing N. E. 100 ft. below top of plateau and 250 ft. above sec. cor. 1 mile S.
	Land mountainous
	Soil rocky and gravely 3d rate
	Timber pinion, cedar and mountain mahogany
	Mountainous land 80,00 chs. -
	May 28: At 9h 50m a.m. T.m.T. I lay off 38°33' on the lat. arc and 21°31' N. on the decl. arc and determine a a true meridian with the solar at the cor. to secs. 14-15-22 and 23. - Thence I run
	East on a random line bet. secs. 14 and 23
4,00	Set temp 1/4 sec. cor.
80,30	Intersect N. and S. line 16 lks N of cor. to secs. 13-14-23 and 24
	Thence I run
	N 89° 53' W on a true line bet. secs. 14 and 23
	On slope facing S descending in timber
19,20	Bottom of gulch 300 ft. below cor.; enter brush; leave timber
19,83	East Fork 16 lks wide. deep swift current course S.E.
20,50	Leave brush and, ascend in broken rocky slope
32,00	Top of ridge course S W and N E.; sloping N
	Descending
36,70	Bottom of ravine 50 ft. deep course N. E.
	Ascending
40,15	Set a lava stone 18 x 11 x 7 in. 12 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
60,00	Ascending on rocky slope
80,30	The cor. to secs. 14-15-22 and 23
	This cor stands 900 feet above East Fork
	Land mountainous
	Soil gravely and rocky 2d and 3d rate
	Timber pinion - Fringe of maple brush along stream
	Mountainous land 80,30 chs.
	N. 0° 1' W. bet. secs. 14 and 15
	Descending on broken slope facing N. E. to river
4,00	Set a trachyte stone 18 x 12 x 5 in. 12 in in the ground for 1/4 sec. cor. marked 1/4 on W. face; raised a m of stones 2 ft. base 1½ ft. high W. of cor.

Subdivision of T 26 S R 3 E

Chains	
80,00	Set a lava stone 21 x 14 x 8 ins. 1.6 ins. in the ground for cor. to 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 800 feet below cor. to secs. 14-15-22 and 23
	Land Mountainous broken and rolling
	Soil gravely and rocky 2d rate
	No timber
	Mountainous land 80,00 chs.
	May 28: At this cor. I set off 21° 31' 30" N on the decl. arc: and at 11h 57' a.m. L.M.T. observe the sun on the meridian; the resulting lat. is 38° 34'
	S 89° 53' E on a random line bet. secs. 11 and 14
40,00	Set temp 1/4 sec. cor.
80,26	Intersect N. and S. line 17 lks. S. of cor. to secs. 11-12-13 and 14
	Thence I run
	West on a true line bet. secs. 11 and 14
	Over broken slope facing S descending gradually
15,00	ascending
20,00	Enter timber on top of ridge sloping S from plateau
30,40	Descend on broken slope facing S.W.
40,13	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: from which
	A cedar tree 6 ins diam. bears. N 76° W. 5 lks. dist. marked 1/4 S.B.T.
	A pinion tree 5 ins. diam. bears. N 88° 10' E 7 lks. dist. marked 1/4 S.B.T.; raised a mound of stones 2 ft. base 1½ ft. high N of cor. —
70,00	leave timber
77,42	East bank of "East Fork" course S E. deep swift current
77,59	West bank " " " in bottom of gulch 970 ft. below last sec. cor.
77,90	Ascend 1. leave bottom of gulch.
80,26	The cor. to secs. 10-11-14 and 15
	This cor. stands 50 ft. above stream on slope facing E
	Land. Mountainous
	Soil gravely and rocky 2d rate
	Timber pinion and cedar
	Mountainous land 80.26 chs.

Subdivision of T 2 C S R 3 E

Chains	
	N 0° 1' W bet secs. 10 and 11
	Descending on broken slope facing E to stream
8,00	Enter bottom of gulch; thence in willow brush along stream
19,10	East Fork course from N.W. to S. 20° E 20 lks. side, swift
	deep current, in bottom of narrow gulch
20,15	Leave brush and bottom of gulch; thence ascending on
	broken slope facing S W
40,00	Set a lava stone 20 x 16 x 5 ins. 15 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
	This cor stands 170 feet above stream
80,00	Set a trachyte stone 18 x 14 x 9 ins. 12 ins. in the
	ground for cor. to secs. 2-3-10 and 11 marked with 5
	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 on slope facing S.W. 450 feet above
	cor to secs. 10-11-14 and 15
	Land mountainous, broken
	Soil rocky and gravely 3d rate
	No timber
	Mountainous land 8,00 chs –
	East on a random line bet. secs. 2 and 11
40,00	Set temp. 1/4 sec. cor.
80,00	Intersect N. and S. line 19 lks. S. of cor. to secs 1-2-11
	and 12
	Thence I run
	S 89° 52' W. on a true line bet. secs. 2 and 11
	In bottom of canon; ascending gradually in dense undergrowth
	Wood roads, bear N W and S E
8,00	Set foot of steep slope facing E; ascending in timber; leave undergrowth
34,90	Top of slope 500 feet above sec. cor; leave timber
	Enter broken plateau, and descend gradually
40,00	Set a lava stone 23 x 17 x 9 ins. 17 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
53,00	Edge of plateau; thence on rocky slope facing W.
	Descending
80,00	The cor. to secs. [illegible]

Subdivision of T. 26 S. R. 3 E.

Chains This cor. stands 400 feet below edge of plateau
Land mountainous
Soil gravely and rocky: and gravely wash in bottom of
Cañon 1st and 3d rate
Timber pinion and aspen and a few pine scattering
Dense sagebrush and thorn undergrowth in bottom of
Mountainous land and dense undergrowth 80,00 chs.

N 0° 1' W bet. secs. 2 and 3
Ascending on broken slope facing W.
4,00 Set a lava stone 24×18×9 in. 18 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
This cor. stands on slope facing W 330 feet above last sec.
62,10 Enter aspen brake and dry fallen pine
76,35 Intersect 5th St. Parallel South which is the N. bdy of this
Tp 2,25 chs. east of standard cor. to secs. 34 and 35
is a stone firmly set marked and witnessed as
by the Surveyor General.
Set a trachyte stone 20×14×6 in. 15 in. in the g
for closing cor. to secs. 2 and 3 marked C.C. on S
with 2 groves on E and 4 groves on W. faces: raised
a mound of stones 2 ft. base 1½ ft. high S of cor.
Pits impracticable
Land mountainous
Soil rocky and gravely 3d rate
Timber aspen of small size in scattering bunches
and dry burned pine mostly fallen.
Mountainous land 76,35 chs.

May 28, 1895

May 29: At 8h 10m a.m. t.m.t. I set off 38° 30' on
the lat. arc and 21° 39' N. on the decl. arc and
determine a true meridian with the solar at the
cor. to secs. 3-4-33 and 34 on S. bdy. of Tp.
Thence I run
N 0° 2' W. bet. secs. 33 and 34
Descending gradually on top of ridge running N and S
8,00 End of ridge enter draw
11,70 Bottom of draw course S E; thence ascending
17,7 [illegible]

Subdivision of T 26 S R 3 E

Chains	
	Descending on rolling surface
38,75	Bottom of draw 4 ft. deep course S.W.
	Ascending gradually on broken surface
41,00	Set a lava stone 18 x 11 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.
68,00	Top of ridge course S.W and N.E 90 ft. high
	Descending
78,31	Top of cañon; thence descending on rocky steep slope
80,00	Set a lava stone 18 x 14 x 12 ins. 12 ins. in the ground for cor. to secs. 27-28-33 and 34 marked with 1 ind on S. and 3 notches on E edges from which A cedar tree 5 ins. diam; bears S. 29° 45' E 34 lks dist. marked T 26 S R 3 E S 34 B T A cedar tree 6 ins. diam. bears S 39° 30' W 9 lks. dist. marked T 26 S R 3 E S 33 B.T. A cedar tree 7 ins. diam. bears N. 21° 30' W. 21 lks. dist. marked T 26 S R 3 E S 28 B.T. A cedar tree 5 ins. diam. bears N 10° 22' E 19 lks. dist. marked T 26 S R 3 E S 27 B T.
	Land Mountainous
	Soil gravely, and rocky in cañon 2d and 3d rate
	Timber, a few scrubby cedar in cañon
	Mountainous land 80,00 chs:
	N. 89° 58' 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 10 lks. S. of cor. to secs. 26-27-34 and 35 Thence S run S 89° 34' W on a true line bet. secs. 27 and 34
	Descending on timber on broken slope
8,00	Leave timber
16,25	Enter bottom of gulch; thence in dense undergrowth descending gradually
18,65	Left bank of Fremont or Dirty Devil River course S.
18,94	Right bank of River; rapid current 30 ins. deep; clear pure water Ascending gradually
19,20	Cañon road (wood road) course N and S.

Subdivision of T 26 S R 3 E

Chains	
	Leave dense undergrowth -
22,70	Descend to ravine
24,60	Bottom of ravine 60 ft. deep course S.E.
	Ascending rocky slope
40,00	Set a lava stone 18 x 11 x 8 in. 12 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 - -
	This cor. stands on slope facing E to river 300 ft above same and 90 ft. above last sec. cor.
58,00	Top of cañon 340 ft. above 1/4 sec. cor. thence ascending gradually on plateau
72,85	Top of ravine; descending on rocky broken slope.
80,00	The cor. to secs. 27-28-33 and 34
	Land mountainous, rocky.
	Soil, gravely wash in bottom of cañon; rocky and gravely on slop 1st and 3d rate
	No timber; dense undergrowth of sage and thorn
	Mountainous land and dense undergrowth 80,00 chs. -
	N 0° 2' W bet. secs. 27 and 28
	Descending on rocky slope
2,75	Bottom of ravine course N 65° E 130 ft. below cor.
	Ascending on rocky slope facing S.
8,10	Leave rocky slope, and ascend gradually
30,50	Top of ridge course E. and W. 350 ft. above cor.; sloping E. to cañon; thence descending
36,90	Bottom of ravine course E 90 ft. deep. -
	Ascend
40,00	A stationary rock 24 x 20 x 16 in. above 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. -
49,55	Top of slope enter broken top of ridge course E and W
53,00	Descend on steep rocky slope in cañon
74,12	Bottom of gulch course S.E 370 ft. deep. -
	Ascend on rocky slope
77,70	Enter timber
80,00	Set a trachyte stone 18 x 11 x 8 ins. 12 in. in the ground for cor. to secs. 21-22-27 and 28 marked with 2 notches on S. and 3 notches on E. edges from which
	A pinion tree 15 in.

Subdivision of T 26 S R 3 E

chains: marked T 26 S R 3 E S 28 B.T.
A pinion tree 14 in. diam. bears. S 67° E 31 lks dist.
marked T 26 S R 3 E S 27 B.T.
A pinion tree 14 in. diam. bears. N 60° 14' W. 28 lks.
marked T 26 S R 3 E S 21 B.T.
A pinion tree 9 in. diam. bears N. 31° 50' E, 66 lks dist.
marked T 26 S R 3 E S 22 B.T.; raised a mound of 2 ft. base 1½ ft. high W. of cor.
This cor. stands on slope facing S to gulch 160 ft. above the bottom of same and about 200 ft. above cor to secs 27-28-33 and 34
Land mountainous
Soil rocky and gravely 3d rate
Timber scrubby cedar and pinion
Mountainous land 80,00 chs. —
May 29: at this cor. I set off 21° 41' N. on the decl. and at 11h 57m a.m. L.m.T. observe the sun on the meridian: the resulting lat. is 38° 32'

N 89° 54' E on a random line bet. secs. 22 and 27
40,00 set temp 1/4 sec. cor.
80,32 Intersect N. and S. line 8 lks. S. of cor. to secs. 22-23-26 and 27
Thence I run
S 89° 51' W. on a true line bet. secs. 22 and 27
Descending on broken slope facing S.W.; in timber
36,65 Leave timber
40,16 Set a lava stone 18 x 9 x 6 in. 12 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
This cor. stands 520 ft below sec cor ½ mile E
49,00 Enter bottom of gulch 125 ft. below 1/4 sec. cor.
48,56 Left bank of Fremont River course S.E. in bottom of narrow gulch; rapid current 2 ft. deep
48,81 Right bank of river
51,26 Wood road course N. and S.
Leave bottom of canon and ascend steep rocky slope
63,65 Enter timber
65,50 Top of ridge course N W and S E 480 ft. above river; sloping S. E
Descend on rocky slope facing S. W.
3 cor. -2 and 2

Subdivision of T.27 S.R.3.E.

Chains This cor. stands about 420 ft. above the river.
Land Mountainous
Soil gravely and rocky 2d rate
Timber pinion and cedar
Mountainous land 80,32 chs.—

N 0° 2' W bet. secs. 21 and 22
Ascending in timber on broken slope
36,70 Top of ridge 400 ft. above cor. course N W and S E
Descending on slope facing N.E. to river
40,00 Set a lava stone 18×10×8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
A cedar tree 14 ins. diam. bears N 21° 30' E 22 lks dist. marked 1/4 S B T
A cedar tree 14 ins. diam. bears N 21° 8' W 20 lks dist. marked 1/4 S B.T.
60,00 Leave timber
61,10 Bottom of gulch course S E.
Enter willow brush.
62,64 Right bank of Fremont River course S E
62,92 Left bank. " " rapid current 22 ins. deep. of clear pure water
64,50 Leave brush
64,56 Wood road course N W and S E: Thence ascending; leaving bottom of gulch, and enter timber.
80,00 Set a trachyte stone 20×12×6 ins. 15 ins. in the ground for cor. to secs. 15-16-21 and 22 marked with 3 notches on S and E edges; from which.
A pinion tree 15 ins. diam. bears N 43° 48' W 49 lks. dist. marked T 26 S R 3 E S. 16 B.T.
A pinion tree 8 ins. diam. bears N 34° 30' E 72 lks. dist. marked T 26 S R 3 E S 15 B.T.
A cedar tree 5 ins. diam. bears S 30° 15' E 47 lks. dist. marked T 26 S R 3 E S 22 B.T.
A pinion tree 10 ins. diam. bears S 12° 5' W. 61 lks. dist. marked T 26 S R 3 E S. 21 B.T.; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
This cor stands on slope facing S W to river 300 ft. above sand and 200 ft. above sec cor. 1 mile S.
Land Mountainous
Soil gravely and rocky 2d rate

Subdivision of T 26 S R 3 E

chains Mountainous land 80,00 chs

N 89° 51' E on a random line bet. secs. 15 and 22
40,00 set temp. 1/4 sec. cor.
80,09 Intersect N and S line 21 lks N of cor. to secs. 14-15-22 and 23
Thence I run
West on a true line bet. secs. 15 and 22
Ascending in timber on rocky broken slope
9,00 Top of main ridge bet. forks of river course N W and S. 180 ft. above cor.
13,60 Descend, on broken, rocky slope in scattering timber
40,45 Set a trachyte stone 18 x 11 x 6 ins. 12 ins. in the d 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. -
80,09 The cor. to secs. 15-16-21 and 22
This cor. stands 500 ft. below cor to secs. 14-15-22 and 23.
Land Mountainous
Soil rocky and gravely 3d rate
Timber pinion and cedar mainly scattering
Mountainous land 80,09 chs. -

N 0° 2' W bet. secs. 15 and 16
Ascending on broken slope facing S.W.; in timber
40,00 Set a lava stone 24 x 14 x 6 ins. 18 ins. in the ground for 1/4 sec. cor marked 1/4 on W. face; from which
A pinion tree 14 ins. diam. bears. N 20° W. 35 lks. dist. marked 1/4 S.B.T.
A cedar tree 9 ins. diam. bears S 68° 14' W 42 lks. dist. marked 1/4 S.B.T.
74,00 Leave timber
78,90 Enter aspen brake
80,00 Set a lava stone 18 x 10 x 7 ins. 12 ins. in the ground for cor. to secs. 9-10-15 and 16 marked with 4 notches on S. and 3 notches on E. edges; raised a mound of 2 ft. base 1½ ft. high W. of cor. - Pits impracticable
This cor. stands in edge of brake on slope facing W. and 600 feet above cor. to secs. 15-16-21 and 22
Land Mountainous
Soil gravely and rocky 3d rate

Ses

Subdivision of T 26 S R S E

Chains	Mountainous land 80.00 chs. May 29, 1895
	East on a random line bet. secs. 10 and 15
40.00	Set temp. 1/4 sec. cor.
79.92	Intersect N. and S line 15 lks N of cor. to secs. 10-11-14 and 15
	Thence I run
	N 89°54' W on a true line bet. secs. 10 and 15
	Ascending on broken slope facing N.E. to East Fork
39.96	Set a lava stone 18 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 stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable
	This cor. stands on slope facing N.E. 870 feet above the cor to secs. 10-11-14 and 15
	Enter aspen brake
49.70	Leave " "
51.90	Top of ridge course N.W and S.E. 300 feet above 1/4 sec. cor
53.40	Descend on rocky slope facing W.
65.50	Leave rocky slope and enter timber
75.00	Leave timber
78.00	Enter aspen brake
79.92	The cor. to secs. 9-10-15 and 16
	This cor. stands 400 ft. below top of ridge
	Land mountainous
	Soil gravely and rocky 3d rate
	Timber pinion, and aspen brake of small size but dense
	Mountainous land 79.92 chs. —
	N. 0°2' W. bet secs. 9 and 10
	Ascending, in aspen brake on rocky slope
[illegible]	Leave brake
18.30	Top of rocky ridge sloping W. from main ridge; 300 feet above sec. cor.; thence descending on slope facing W.
40.00	Set a trachyte stone 24 x 13 x 7 ins. 18 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. This cor stands on same elevation as sec. cor.
58.46	Trail course N E and S W. from road to U.M. Valley; in bottom of gulch draining N E 200 ft. below 1/4 sec. cor.

Subdivision of T 26 S R 3 E

chains	
	Ascending on slope facing E
80,00	Set a lava stone 18 x 10 x 6 ins. 12 ins. in the ground for Cor. to 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 1½ ft. high W. of cor. Pits impracticable
	This cor stands on slope facing E 100 feet above bottom of gulch
	Land Mountainous
	Soil rocky and gravely 3d rate
	No timber
	Mountainous land 80,00 chs. —
	S 89° 54' E on a random line bet. secs. 3 and 10
4,00	Set temp 1/4 sec. cor.
80,18	Intersect N. and S. line 19 lks. S of cor. to secs. 2-3-10 and 11
	Thence I run
	S 89° 58' W. on a true line bet. secs. 3 and 10
	Descending on broken slope facing W. -
36,87	Left bank of East Fork course S in bottom of narrow rocky gulch 720 ft. below sec cor
37,06	Right bank of stream; swift current 18 in deep clear pure water; thence ascending on rocky slope facing E
40,09	Set a trachyte stone 24 x 13 x 7 ins. 18 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.
	This cor. stands on rocky slope facing E 90 ft. above bottom
53,00	Top of ridge course N. and S. W. 200 feet above 1/4 sec. cor.
	Descend on rocky slope
66,90	Trail from cañon road to U.M. Valley course nearly N and S in bottom of gulch course N. E 165 ft. deep
	Ascending
80,18	The cor. to secs. 3-4-9 and 10
	This cor. stands about 150 feet above bottom of gulch
	Land Mountainous
	Soil rocky and gravely 3d rate
	No timber
	Mountainous land 80,18 chs.
	N 0° 2' W bet. secs. 3 and 4
	Ascending on slope facing E
40,00	Set a lava stone 18 x 12 x 9 ins. 12 ins. in the ground [illegible] raised a

Subdivision of T 26 S R 3 E

Chains

mound of stones 2 ft. base 1½ ft. high W. of cor.
Pits impracticable.
This cor. stands on slope facing S.E. 270 ft. above section cor.
46,75 Top of ridge sloping E. from ridge on the west
120 feet above 1/4 sec cor.; thence descending on broken
57,90 Enter aspen brake on scattering pine
74,45 Leave " " "
77,00 Intersect 3rd Standard Parallel South - which is the N. bdy.
of this Tp. 1,12 chs E. of standard cor. to secs. 33 and 34
which is a stone firmly set marked and witness
as described by the surveyor general -
Set a large stone 18 x 12 x 5 ins. 12 ins. in the ground
for closing cor. to secs. 3 and 4 marked C C on S.
3 grooves on E and W. faces; raised a mound of
2 ft. base 1½ ft. high S of cor. - Pits impracticable
This cor stands on slope facing N. on even height with
sec. cor. 1 mile S
Land Mountainous
Soil rocky and gravelly 2d rate
Timber aspen brake of small size (2 to 4 ins diam) but dense
and a few pine scattering
Mountainous land 77,00 chs. -
May 30: At this cor. I set off 21° 30' W. on the decl.
are; and 11h 57m a.m. 2.m.2 - observed the sun on the
meridian the resulting lat. is 38° 36'

May 30: at 2h 30m p.m. 2.m.2. I set off 38° 30' on
the lat. arc and and 21° 51' W. on the decl arc and
determine a true meridian with the solar at the
cor. to secs. 4-5-32 and 33 on S bdy. of Tp. :-
Thence I run
N 0° 31 W bet. secs. 32 and 33
Descending on rocky slope
6,75 Bottom of gulch course E 75 ft. below cor.
Ascending
20,20 Top of ridge course E. and N.W. 110 ft. height
Descend gradually
40,00 Set a trachyte stone 18 x 11 x 8 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

S.

Subdivision of T. 26 S R 3 E

Chains	
	Ascending gradually over rolling surface
62,00	Top of ridge 45 ft. high bears E and W
	Descend
71,10	Bottom of ravine 35 ft. deep course E
72,00	Ascend on rocky slope
80,00	Set a lava stone 17×11×6 ins. 12 ins. in the ground for cor. to 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. —
	Land mountainous, broken and rolling
	Soil gravely wash and stony 2d rate
	No timber; heavy sagebrush and thorn undergrowth
	Mountainous land 80,00 chs. -
	N 89° 58' E on a random line bet. secs. 28 and 33
40,00	Set temp. 1/4 sec. cor.
80,21	Intersect N and S line at cor. to secs. 27-28-33 and 34.
	Thence I run
	S 89° 58' W. on a true line bet. secs. 28 and 33
	Ascending on rocky slope
1,55	Top of ravine 45 ft. above cor. bears N.W. and E
	Ascending gradually on broken slope
35,50	Top of ridge bears S.W. and N.E. 120 ft. high
	Descend on steep broken slope
40,10.5	Set a lava stone 18×10×6 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. —
41,10	Foot of slope bears N.E. and S.W.; enter level cove running S. from canon; and about 20 ft. below the surrounding country; thence in dense undergrowth —
67,00	Leave cove and ascend break 35 ft. high bears N. and S.
67,50	Top of break thence on broken slope facing S.E.; ascending gradually. - Leave dense undergrowth -
80,21	The cor. to secs. 28-29-32 and 33
	Land mountainous, rolling, and level cove
	Soil gravely wash in cove, 1st rate ballance 2d rate —
	No timber. - Dense undergrowth of sagebrush and thorn
	Mountainous land and dense undergrowth 80,21 chs. -

Subdivision of T 26 S.R.3 E.

chains Ascending
4,00 Top of ridge bears E and W 40 ft. above cor.
Descending
8,75 Descent becomes rocky and steep on side of cañon
10,00 Enter timber
16,85 Bottom of cañon 170 ft. deep course S.75° E, thence ascending on rocky slope
21,50 Leave rocky slope and ascend gradually on rolling m.
4,00 Set a trachyte stone 18 x 10 x 6 ins. 12 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face; from n
A pinion tree 14 ins. diam. bears S 20° 50' E 21 lks dist marked 1/4 S.B.T.
A pinion tree 15 ins. diam. bears S 63° 30' W 38 lks dist. marked 1/4 S.B.T.
This cor. stands on broken slope facing S. 120 ft. above last sec. cor.
63,50 Top of ridge 200 ft. above 1/4 sec. cor. bears N E and S W and 5,00 chs E spur runs S.E. sloping to river
Descending
73.45 Bottom of gulch. 50 ft. deep course N E
Leave timber, and ascend
— 8,00 Set a lava stone 24 x 11 x 5 ins. 18 ins. in the ground for cor. to secs. 20-21-28 and 29 marked with 2 notches on S and 4 notches on E edges; from which
A pinion tree 4 ins. diam. bears S 87° 40' W. 53 lks. dist. marked T. 26 S.R.3 E.S. 29 B.T. —
No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
This cor stands on slope facing S.E. 65 ft. above bottom of gulch
Land Mountainous
Soil gravely and rocky 2d and 3d rate
Timber pinion and cedar
Mountainous land 80,00 chs.

May 30, 1895

May 31: at 7h 50m a.m. t.m.t. I set off 38° 32' on the lat. arc and 21° 57' 30" N. on decl. arc and a true meridian with the solar at the cor. to secs. 20-21 28 and 29; thence I run
N 89° 58' E. on a random line bet. secs. 21 and 28.
4000 [illegible] 1/4

Subdivision of T. 26 S. R. 3 E.

Chains

79,90 Intersect N. and S. line 6 lks. N. of cor. to secs. 21-22 27 and 28

Thence 9 rods

West on a true line bet secs. 21 and 28

Descending in timber on slope facing S.E.

4,30 Bottom of ravine 140 ft. below cor. course S.E.

ascending on rocky slope

39,95 Set a lava stone 18 x 13 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. —

This cor stands on slope facing E 220 ft above bottom of gu

63,50 Top of ridge 100 ft. above sec. cor.

Descending E canon

67,60 Leave timber

73,20 Bottom of canon 180 ft below top of ridge course N.E.

Ascending

79,90 The cor. to secs. 20-21-28 and 29

Level mountainous

Soil gravelly and rocky 2d rate

Timber scrubby pinion scattering

Mountainous land 79,90 chs. —

N. 0° 3' W. bet. secs. 20 and 21

Ascending on rocky slope

12,65 Leave rocky slope, and ascend gradually on rolling surface

24,76 Top of ridge 320 ft. above cor. course N E and S W

Descending on broken slope

29,85 Bottom of gulch 90 ft. deep course N 75° E

Ascending on rocky slope

37,00 Leave rocky slope, and ascend gradually

40,00 Set a lava stone 18 x 8 x 6 in. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which a cedar tree 6 in. diam. bears N 20° 30' W 61 lks. dist. marked 1/4 S. 13. T.

A pinion tree 6 in. diam. bears N 86° 8' E 72 lks. dist. marked 1/4 S. 13. T. ; raised a mound of stones 2 ft base 1½ ft. high W. of cor.

This cor stands on slope facing S. 170 ft. above gulch

47,30 Top of ridge 110 ft above 1/4 sec. cor. course E and S.W.

Subdivision of T. 26 S. R 3 E

chains	
65-60	Bottom of canon 300 ft. deep course N 80° E
	Ascending in timber.
80,00	Set a lava stone 18 x 14 x 6 ins. 12 ins in the ground for cor. to secs. 16-17-20 and 21 marked with 3 notches on S and 4 notches on E. edges from which.
	A pinion tree 14 ins diam. bears S 66° E 96 lks. dist.
	marked T 26 S R 3 E. S. 2; B.T.! -
	no other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. -
	This cor. stands on slope facing S 235 ft. above bottom of gulch
	Land mountainous
	Soil rocky and gravely 2d rate
	Timber pinion scattering
	Mountainous land 80,00 chs. -
	East on a random line bet. secs. 16 and 21
40,00	Set temp. 1/4 sec. cor.
80,00	Intersect N. and S. line 16 lks. S. of cor. to secs. 15-16-21 and 22
	Thence I run
	S 89° 53' W on a tree line bet. secs. 16 and 21
	Descending in timber
9,40	Wood road in bottom of canon course S E and N.W.
	Leaving timber and enter willow brush
12,26	Fremont River 21 lks wide course S E, rapid current
13,30	Leave brush and bottom of canon; thence ascending
33,00	Ravine 25 ft. deep drains N 60° E; thence along bottom of ravine
40,00	Set a trachyte stone 17 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 stones 2 ft. base 1½ ft. high N of cor.
	Pits impracticable
43,00	Leave ravine; and ascend in scattering timber
60,30	Top of ridge 900 feet above river course N W and S E
	Descending on slope S.W.
80,00	The cor. to secs. 16-17-20 and 21
	This cor. stands 150 feet below top of ridge
	Land mountainous
	Soil gravely and rocky 2d rate
	T

Subdivision of T. 26 S. R. 3 E.

chains Mountainous land 80,00 chs.
May 31: at this cor. I set off 21°58' 30" on the decl. arc and at 11h 57' a.m. I.m.t. observed the sun on the meridian. The resulting lat. is 38° 33'

N 0° 3' W bet. secs. 16 and 17
Ascending on broken slope in scattering timber
11,70 Leave timber bears N E and S.W.
12,60 Top of ridge 170 ft. above cor. course N.W. and S.E.; thence descending on slope facing N E to river; broken and rolling
40,00 Set a lava stone 18 x 12 x 7 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 in vehicle
This cor stands 430 feet below top of ridge
59,00 Bottom of gulch 100 feet deep course N 80° E
Ascending on steep broken slope
70,65 Top of ridge 260 ft. high course E and W
Descending
80,00 Set a lava stone 18 x 12 x 5 in. 12 ins. in the ground for cor. to secs. 8-9-16 and 17 marked with 4 notches on S. and E edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
This cor stands on slope facing N.E. 150 ft. below top of ridge
Land Mountainous
Soil gravely and rocky 2d rate
Timber pinion scattering
Mountainous land 80,00 chs.

N 89° 53' E on a random line bet. secs. 9 and 16
40,00 Set temp. 1/4 sec cor.
79,94 Intersect N and S line 25 lks N of cor. to secs. 9-10-15 and 16
Thence I run
N 89° 56' W on a true line bet. secs. 9 and 16
Descending in aspen brake
1,10 Leave brake; thence over broken rocky slope descending
39,97 Set a trachyte stone 17 x 11 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
45,30 Trail from Wood road in canon to U.M. Valley course S.W.

Subdivision of T 26 S R 3 E.

Chains	
49,05	Spring branch 5 lks wide course S.W. in ravine 20 ft. deep
52,30	Wood road in bottom of canon course N. and S.
54,90	Fremont River 18 lks. wide. in bottom of narrow canon 950 feet below sec. cor. course S; swift current 30 in. deep. –
55,30	Ascending; leave bottom of canon, on slope facing E
67,00	Top of ridge bears N.W. and S.E.; sloping to river; timber on slope facing S.W. descending gradually
74,50	Bottom of ravine 75 ft. deep course S.E.
	Ascend
79,94	The cor to secs. 8-9-16 and 17
	This cor stands 200 feet above the river
	Land mountainous
	Soil gravelly and rocky 2d and 3d rate
	No timber; a fringe of maple brush along river
	Mountainous land 79.94 chs. –
	N 0° 3' W. bet. secs 8 and 9
	Descending
2,90	Bottom of gulch 40 ft. below cor. course S.E.
	Ascending
10,50	Top of ridge 150 ft. high course W. and S.E.
	Descending
22,00	Bottom of gulch 140 ft. deep course E
	Ascending
35,30	Top of ridge 110 ft. high course N 70° W and S 7.12 E
	Descending
41,00	Set a lava stone 18 x 10 x 7 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
	This cor. stands on slope facing N.E. to Fremont river 150 ft. above same. –
44,15	Bottom of gulch 130 ft. deep course E
	Ascending
50,00	Top of ridge 140 ft. above bottom of gulch
	Descending gradually
57,10	Ravine 20 ft. deep course E
	Ascending
67,00	Top of ridge bears N.W. and slopes S.E. to river
	Descend on slope facing river
69,5	Trail following river

Subdivision of T 26 S R 3 E

Chains

74,50 Enter rocky, steep slope facing E

80,00 Set a lava stone 30×10×7 in. 22 in. in the ground for cor. to 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

Land Mountainous, morain ridges and gullies

Soil gravely, wash 2d rate

No timber

Mountainous land 8000 chs.

S 89°56' E on a random line bet. secs. 4 and 9

4000 Set temp. ¼ sec. cor.

80,22 Intersect N and S line 10 chs S of cor. to secs. 3-4-9 and 10

Thence I run

West on a true line bet. secs 4 and 9

Ascending on broken slope

27,75 Top of ridge 600 feet above cor. course N and S

Descending on broken slope

40,11 Set a lava stone 25×16×7 in. 18 in. in mound of stone 2 ft. base 1½ ft. high on solid rock even with surface, ¼ sec. cor. marked ¼ on N. face. - Pits impracticable

42,00 Bottom of gulch 25 ft. deep course S.

Ascending gradually

51,10 Top of ridge, or bench 50 ft. above gulch course N and S

Thence descending on steep rocky slope

78,52 Fremont River 29 chs wide in bottom of narrow rocky canon 1100 feet below top of ridge; course S.E., swift current 25 in deep.

Ascending

80,22 The cor. to secs. 4-5-8 and 9

This cor stands 75 feet above the river

Land mountainous

Soil gravely and rocky 3d rate

No timber

Mountainous land 80,22 chs.

May 31, 1895

N 0° 3' W bet. secs. 4 and 5

Descending on rocky slope

F

of narrow rocky

Subdivision of T 26 S R 3 E

Chains canon 35 ft. below cor. course S.E. in fringe of brush and fallen timber. —
Ascending on rocky broken slope
27,00 Top of ridge 300 feet above river; course N.E. and sloping S.W. to river. —
Descending on slope facing N and W
39,90 Bottom of gulch 170 ft. deep course S 70° W;
Ascend
40,00 Set a lava stone 19 x 12 x 7 ins 13 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 N of cor. Pits impracticable. — (Mound north of cor. in this instance, being the more safe and permanent position)
Ascending on broken slope
65,00 Enter timber
77,60 Intersect 5th St. Parallel South which is the N. bdy of this Tp. 1,27 chs E. of standard cor. to secs. 32 and 33 wh; is a stone firmly set marked and witnessed as described by the surveyor general.
Set a trachyte stone 21 x 12 x 7 ins. 15 ins. in the gro for closing cor. to secs. 4 and 5 marked C.C on S wit 4 groves on E. and 2 groves on W. faces. from which an aspen tree 9 ins. diam bears. S 64° 22' W 10 lks dist marked T 26 S R 3 E S 5 B.T.
An aspen tree 6 ins diam. bears S 68° 50' E 50 lks dist. marked T 26 S R 3 E S 4 B.T.; raised a mound of stones 2 ft. base 1½ ft. high S of cor. —
This cor. stands on rocky slope facing S 350 feet above 1/4 sec. cor.
Land Mountainous. —
Soil, gravely and rocky 2d and 3d rate
Timber pinion and aspen scattering
Mountainous land 77,60 chs. —

June 1: At 9h 55m a.m. 2 m t — I set off 38° 30' on the lat arc and 22° 6' N. on the decl. arc and determi a true meridian with the solar at the cor. to secs. 5-6-31 and 32 on S. bdy. of Tp.; Thence I run N 0° 3' W. bet. secs. 31 and 32.
Ascending gradually in rocky crags and cliffs; and timb
36,70 Top of ascent; ridge turns W.; thence descending; timber
38,90

Subdivision of T 26 S R 5 E.

Chains	
40,00	Set a lava stone 37 x 12 x 7 ins. 24 ins. in mound of stones 3 ft. base 2 ft. high on solid rock even with surface for 1/4 sec. cor. marked 1/4 on W. face. —
	Pits impracticable
42,25	Foot of slope enter bottom of draw; bears E and W
45,04	Wood Road course W and S.E.
	Beginning ascent
54,00	Top of ridge 70 ft. high course E. and W.
	Enter timber and descend
61,00	Leave timber bears E and W
63,00	Bottom of gulch 40 ft. deep course N.E. Thence ascending
65,00	Enter timber
72,00	Top of ridge bears E and W. 100 ft. high
	Leave timber and descend
80,00	Set a trachyte stone 18 x 9 x 5 ins. 12 ins. in the ground for cor. to secs. 29-30-31 and 32 marked with 1 notch on S and 5 notches on E edge; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. —
	Pits impracticable. —
	Land mountainous rolling and broken
	Soil gravely and rocky 2d and 3d rate —
	Timber pinion mostly scattering
	Mountainous land 80,00 chs. —
	N. 89° 58' E on a random line bet. secs. 29 and 32
40,00	Set temp 1/4 sec. cor.
80,00	Intersect N and S line 11 lks. N. of cor. to secs. 28-29 32 and 33
	Thence I run
	N 89° 57' W on a true line bet. secs 29 and 32
	Ascending on rocky broken slope facing S
11,90	Top of ridge 70 ft high bears N W and N.E. 1 stones
	Descending on slope facing S.W.
32,00	Gulch 60 ft. deep course S E; ascending gradually
36,00	Enter timber and ascend in slope facing W to gulch
40,00	Set a lava stone 18 x 1 x 7 ins. 12 ins in the ground for 1/4 sec. cor. marked 1/4 on N. face; from which
	A pinion tree 13 ins. diam. bears S 40° 30' E 25 lks dist. marked 1/4 S.B.T.
	A pinion tree 6 ins. diam. bears N 80° 40' W. 14 lks. dist. [illegible] 1/4 S.B.T. [illegible] raised a mound of stones 2 ft. base

chains 1½ ft. high N. of cor.
54,50 Cross head of gulch course N 70° E and ascend in slope facing E
65,20 Top of ridge 150 ft. high course N and S 1 turn E 10 chs N. of line: thence descending
73,10 Leave timber
76,12 Bottom of gulch 70 ft. deep course N 25° E: Ascending
80,00 The cor. to secs. 29-30-31 and 32
Land mountainous, rolling and broken
Soil gravely wash, and rocky 2d rate
Timber pinion and cedar
Mountainous land 80,00 chs.
June 1: At this cor. I set off 22° 7' N. on the decl. arc and at 11h 58m a.m. l.m.t. observe the sun on the meridian the resulting lat. is 38° 31'

S 89° 58' W. on a random line bet. secs. 30 and 31.
40,00 Set temp 1/4 sec. cor
75,15 Intersect Fremont Valley guide meridian which is the W. bdy of this Tp. 5 lks. N. of cor. to secs. 25-30-31 and 36 which is a stone firmly set marked and witnessed as described by the surveyor general
Thence I run
N 89° 56' E on a true line bet. secs. 30 and 31
Ascending gradually on slope facing N
4,60 Wood road course N and S
23,15 Top of ridge 190 ft. high course N 65 and S, 30 W
Descending on rolling slope
35,15 Set a lava stone 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 stn 2 ft. base 1½ ft. high N. of cor.
This cor stands 60 ft. below top of ridge
39,50 Enter scattering timber
54,55 Bottom of gulch 160 ft. below 1/4 sec. cor. course N
Thence ascending
64,00 Top of ridge 110 ft. high course N and S
Descending
71,60 Leave timber
75,15 The cor. to secs. 29-30-31 and 32
Land mountainous rolling
[illegible] gravely [illegible]

Subdivision of T 26 S R 3 E

chains	Timber pinion and cedar. scattering Mountainous land 75,15 chn.
	N 0° 3' W. bet. secs 29 and 30
	Ascending gradually on slope facing E
4.00	Enter timber
16,50	Top of ridge 70 ft. high course S W and N E
	Descending on rocky slope; leave timber
21,00	Bottom of gulch 60 ft. deep course E.; thence ascending
28.45	Top of ridge 150 ft. above gulch bears E and W; breaks E to gulch. —
	Descend
31.62	Bottom of gulch 90 ft. deep course E
	Ascending on rocky slope
40.00	Set a lava stone 18 × 10 × 7 in. 12 in. in the ground for 1/4 sec cor. marked 1/4 on W. face; from which A pinion tree 7 in. diam bears. N 33° 30' E. 14 lks. dist. marked 1/4 S 30 to other tree within limits; raised a mound of stones 2 ft. base 1½ ft high W. of cor. This cor. stands on slope facing E 70 ft. above gulch at end of ridge from the W. breaking E. to canon
46.00	Top of slope; thence descending
52.90	Bottom of gulch 120 ft. deep course S 60° E
	Ascending rocky slope
62.00	Leave rocky slope, and enter timber
78.75	Top of ridge 120 ft. above gulch bears N W and S E
80.00	A stationary stone 40 × 36 × 13 in. above ground for cor. to secs. 19-20-29 and 30 marked with 2 notches on S and 5 notches on E edges; from which A cedar tree 10 in. diam. bears. S 59° 10' E 18 lks. dist. marked T 26 S R 3 E S 29 B.T. A cedar tree 6 in. diam. bears. S 33° 20' W. 42 lks. dist. marked T 26 S R 3 E S 30 B.T. A pinion tree 8 in. diam. bears N 21° E 34 lks. dist. marked T 26 S R 3 E S 20 B.T. A pinion tree 10 in. diam. bears N 26° 40' W. 25 lks. dist. marked T. 26 S R 3 E S. 19 B.T. This cor. stands on top of ridge slope E. 120 ft. above gulch
	Land mountainous
	Soil gravelly and rocky 3d rate
	Timber pinion and cedar. scattering

chains	
	S 89° 57' E on a random line bet. secs. 20 and 29
40,00	Set temp. 1/4 sec. cor.
80,14	Intersect N. and S. line 10 chs. S. of cor. to secs. 20-21-28 and 29
	Thence N run
	S. 89° 57' W. on a true line bet. secs. 20 and 29
	Ascending on broken slope facing S to gulch
40,07	Set a lava stone 23 x 12 x 7 in. 17 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. —
61,00	Top of slope ended broken ridge, from the N. E. sloping S to gulch; 321 ft. above sec. cor.
67,00	Ridge runs N W.; descending on slope S W. in scattering timber
76,30	Bottom of gulch 130 ft. deep course S. E
	Ascending
80,14	The cor. to secs. 19-20-29 and 30
	Level mountainous
	Soil gravely and rocky 3rd rate
	Timber pinion and cedar scattering
	Mountainous land 80,14 chs. —

	S 89° 36' W on a random line bet. secs 19 and 30
40,00	Set temp. 1/4 sec. cor.
75,66	Intersect Fremont Valley Guide Meridian which is the W. bdy of Tp 10 chs. N of cor. to secs. 19-24-25 and 30 which is a stone firmly set marked and witnessed as described by the surveyor general. -
	Thence N run
	N 89° 32' E on a true line bet. secs. 19 and 30
	Descending on broken slope
25,60	Bottom of Gulch 300 ft below cor. course S. E
	Ascending on steep rocky slope
36,00	Top of canon about same elevation as sec. cor. on W. bdy.
	Thence on broken slope facing S. ascending gradually
36,66	Set a black lava stone 18 x 11 x 6 in. 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. —
69,40	T[illegible] sides 130 [illegible] 1/4 sec. cor. [illegible] N. W and S. E.

Subdivision of T 26 S R 3 E

Chains	
	Thence descending on ridge
75,66	The cor. to secs. 19-20-29 and 30
	Land Mountainous
	Soil rocky and gravely 3d rate.
	No timber
	Mountainous Land 75.66 chs. —
	June 1. 1895
	N 0° 3' W. bet secs. 19 and 20
	Descending
5,60	Bottom of gulch 100 ft. below cor. course S.E.
	Ascending
19,75	Top of ridge 160 ft. above gulch course N.W. and S.E.
	Thence on rocky broken slope facing E.
26,30	Head of gulch 30 ft. deep course S 70° E
	Ascending rocky slope
38,00	Top of ridge 120 ft. high course N E and S W
	Descending on broken rolling slope
40,00	A stationary stone 16 x 14 x 6 ins above ground for 1/4 sec. cor. marked 1/4 on W. face; raised a mound of 2 ft. base 1 ft. high W. of cor. — Pits impracticable This cor. stands on slope facing N. S gulch and 30 ft. below top of ridge. —
60,86	Descending in ledges and cliffs
67,05	Bottom of gulch 220 ft. below 1/4 sec. cor. course S 75° E
	Ascending on rocky slope
75,80	Leave rocky slope ascend gradually
78,00	Top of ridge 250 ft. above gulch course nearly E and W Enter timber and descend gradually
80,00	Set a black lava stone 18 x 12 x 8 ins. 12 ins. in the ground for cor. to secs. 17-18-19 and 20 marked with 3 notches on S and 5 notches on E edges; from which A cedar tree 24 ins. diam. bears N 12° 12' W. 13 lks. dist. marked T 26 S R 3 E S. 18 B.T. A pine tree 8 ins. diam. bears S 33° 35' W. 64 lks. dist. marked T 26 S. R 3 E S 19 B T A pine tree 10 ins. diam. bears N 25° 20' E. 61 lks. dist. marked T 26 S R 3 E S 17 B.T. A cedar tree 9 ins. diam. bears S 38° 32' E 120 lks. dist. marked T 26 S R 3 E S. 20 B.T.
	Land mountainous

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Subdivision of T. 26 S. R. 3 E.

Chains. Timber cedar pinion and scattering pine
Mountainous land 80.00 chs.: -

N 89° 59' E. on a random line bet. secs. 17 and 20
40,00 Set temp 1/4 sec. cor.
80,13 Intersect N and S line 44 lks N. of cor. to secs. 16-17-20-and 21
Thence S. on
N 89° 42' W. on a true line bet. secs. 17 and 20
Descending gradually on broken slope facing S.; in timber
32,38 Bottom of gulch 130 ft. below cor. course S E; leave timber.
Ascending on rocky slope
40,00 Foot of perpendicular ledge 14 ft. high bears N. and S.
40,06.5 Set a trachyte stone 18 X 14 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. -
42,00 Ascending on broken ridge. bears E and W.
68,50 Top of ridge, turn S W; thence descending on rocky slope
76,00 Enter timber
80,13 The cor. to secs. 17-18-19 and 20
This cor. stands 140 ft. above sec. cor. 1 mile E
Land mountainous
Soil rocky and gravely 3d rate
Timber pinion and cedar scattering
Mountainous land 80,13 chs.

S 89° 52' W on a random line bet. secs. 18 and 19
40,00 Set temp 1/4 sec. cor.
75,49 Intersect Fremont-Valley Guide Meridian which is the W. bdy of Tp. 19 lks. N of cor. to secs. 13-18-19 and 24
Thence S. on
N 89° 44' E on a true line bet. secs. 18 and 19
over rolling surface in timber
6,50 Leave timber, and descend gradually
25,44 Head of gulch 140 ft. below cor. course N. E.
Ascending gradually on slope facing N.; in aspen brake
35,49 Set a lava stone 20 x 14 x 6 ins. 15 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
39,00 Descending on slope facing N to gulch
42,50 cr.

Subdivision of T 26 S R 3 E

Chains	
58.00	Enter timber
64,50	Bottom of gulch 120 ft. deep course from N.W. turns N.E.
	Ascending on rocky slope facing N.
75.49	The cor. to secs. 17-18-19 and 20
	Land mountainous
	Soil gravely, and rocky on last 11.00 chs. 2d and 3d rate —
	Timber, aspen brake of small size and scattering pine
	Mountainous land 75,49 chs. —
	June 2: at this cor. I set off 22°14'30" N on the decl. arc: and at 11h 56m 58m a.m. l.m.t. observe the sun on the meridian: the resulting lat. is 38°33'
	N. 0° 3' W. bet. secs. 17 and 18
	Descending in timber on broken surface
9,00	Bottom of gulch 140 ft. below cor. course N.E.
	Leave timber and ascend
18,20	Top of ridge 75 ft. above gulch course E and W.: sloping E to canon: thence enter timber and descend
25,85	Bottom of gulch 220 ft. below sec. cor. course S 75° E
	Ascending
27,10	Leave timber: enter rocky slope
32,00	Enter timber bears E and W
40,00	Set a trachyte stone 24 x 11 x 5 in. 18 in. in mound of stones 2 ft. base 1/2 ft. high for 1/4 sec. cor. marked 1/4 on W. face from which
	A cedar tree 8 in. diam. bears S. 63°15' E. 29 lks. dist. marked 1/4 S.B.T.
	A mountain mahogany tree 5 in. diam. bears S 70° W. 28 lks. dist. marked 1/4 S.B.T.
	This cor. stands on slope facing S 320 ft. above bottom of gulch
44,00	Leave rocky slope, and ascend gradually
47,10	Top of Ridge 140 ft. above 1/4 sec. cor. course N 30° W and S 30° E: thence descending on rocky slope
75,00	Leave timber bears N.W. and S.E.
80,00	Set a lava stone 18 x 12 x 9 in. 12 in. in the ground for cor. to 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
	This cor. stands on slope facing N 380 ft. below top of ridge
	Land mountainous

Subdivision of T 26 S R 3 E

chains Timber pinion cedar and scattering pine; and aspen brake of small size but dense
Mountainous land 8000 chs. —

S 89° 42' E on a random line bet. secs. 8 and 17
4000 Set temp. 1/4 sec. cor.
8000 Intersect N. and S. line 30 lks. S. of cor. to secs. 8-9-16 and 17
Thence I run
N. 89° 55' W. on a true line bet. secs. 8 and 17
Ascending on broken slope facing N. E.
4000 Set a lava stone 17 x 14 x 9 in. 12 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. —
This cor. stands on slope facing E 280 ft. above sec. cor. ½ mile
Thence on rocky slope ascending
57,80 Top of ridge 215 ft. above 1/4 sec. cor. course N. W. and S. E.
Descending on rocky slope
75,10 Bottom of gulch 300 ft. below top of ridge course S. E.
Ascending
80,00 The cor. to secs. 7-8-17 and 18
Land mountainous
Soil rocky and gravely 3d rate
No timber
Mountainous land 8000 chs. —

June 2: At 3h 30m p.m. L.M.T. I set off 38° 34' on the lat. arc and 22° 16' W. on the decl. arc and determine a true meridian with the solar at the cor. to secs. 7-8-17 and 18. — Thence I run
S. 89° 44' W. on a random line bet. secs 7 and 18
4000 Set temp. 1/4 sec. cor.
75,60 Intersect Fremont Valley Guide Meridian which is the W. bdy of Tp. at cor. to secs. 7-12-13 and 18 which is a stone firmly set marked and witnessed as described by the surveyor general. —
Thence I run
N 89° 44' E on a true line bet. secs. 7 and 18
ascending gradually on broken rocky slope facing S; in timber
24,30 Top of ridge 160 ft. above cor. on Guide Mer.; course N 70° d S 65° E. —

Chains. Descending on bottom slope facing N.W.

33,60 Set a trachyte stone 18 x 9 x 6 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on N. face; from which a spruce tree 6 ins. diam. bears N 5° E 15 lks dist. marked 1/4 S 13 T. A spruce tree 7 in. diam. bears S 70° W. 10 lks. dist. marked 1/4 S. 13. T.

65,53 Leave timber

75,60 The cor. to secs. 7-8-17 and 18. This cor. stands 750 feet below top of ridge Land mountainous Soil gravely and rocky 3rd rate Timber spruce, pine and aspen of good size and fair quality. — Mountain land 75,60 chs. —

N 0° 3' W. bet secs. 7 and 8 Descending

3,04 Bottom of gulch 50 ft. below cor.; course S.E. Ascending on rocky slope

25,84 Top of ridge 480 ft. above cor. course S 70° E and N 70° W. Descending through dry, burnt pine timber much fallen

40,00 Set a trachyte stone 18 x 13 x 8 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face; raised mound of stones 2 ft. base 1½ ft. high W. of cor. — Pits impracticable. This cor. stands on slope facing N. 300 ft. below top of ridge

48,95 Bottom of canon 110 ft. below 1/4 sec. cor. course E. — Ascending on rocky slope: no timber

64,80 Top of ridge 290 ft. above bottom of canon course S 75° E and N 25° W.; thence ascending gradually at foot of rocky bluff 90 ft. high facing E

77,20 bluff turns N.W. and breaks Leave timber

80,00 Set a lava stone 20 x 14 x 8 in. 16 in. in the ground for cor. to secs 5-6-7 and 8 marked with 5 notches on S. and E edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. — Pits impracticable This cor stands on slope facing E 3.90 ft above cor. to secs. 7-8-17 and 18. — Land mountainous. Soil rocky and gravely 3rd rate.

Subdivision of T 26 S R 3 E

Chains	
	Mountainous land 8000 chs.
	June 2, 1895
	June 3: At 7h 45m a.m. T.m.T. I set off 38° 35' on the lat. arc and 22° 21' N. on the decl. arc and determine a true meridian with the solar at the cor. to secs 5-6-7 and 8; thence I run
	S 89° 35' E on a random line bet. secs. 5 and 8
40,00	set temp. 1/4 sec. cor.
79,80	Intersect N and S line 15 lks. S of cor. to secs. 4-5-8 and 9
	Thence I run
	S 89° 59' W. on a true line bet. secs. 5 and 8
	Ascending on rocky slope
11,16	Trail from end of wood road up the river course N W and S E
20,00	Top of ridge course S 65° E and N 5° W; thence on slope facing S ascending gradually
39,90	Set a trachyte stone 18×11×6 in. 12 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. —
	This cor stands 300 ft. above sec. cor. ½ mile E and on slope facing S near top of ridge bearing N W and E
	Descending
44,75	Bottom of gulch 57 ft. deep course S E 7,00 chs thence trim E
	Ascending on broken slope
79,80	The cor. to secs 5-6-7 and 8
	This cor stands 350 ft. above 1/4 sec. cor.
	Land mountainous
	Soil gravely wash 2d rate
	Timber; small patches of aspen brake of small size
	Mountainous land 7980 chs. —
	S 89° 44' W. on a random line bet. secs. 6 and 7
40,00	set temp. 1/4 sec. cor.
74,94	Intersect Fremont Valley Guide Meridian which is the W. bdy. of T p. 16 lks N. of cor. to secs 1-6-7 and 12 which is a stone firmly set marked and witnessed as described by the surveyor general.
	Thence I run
	N 89° 37' E on a true line bet. secs. 6 and 7
	Descending in timber
43,00	Bottom of gravine 40 ft. below cor. course S E

Subdivision of T 26 S R 3 E

Chains	Ascending
11,50	Top of ridge course S E and N W; sloping S E to gulch
	Descend
13,50	Bottom of gulch 65 ft. deep course S.E.; thence
	ascending on broken rocky slope
34,94	Set a trachyte stone 24 x 14 x 6 ins. 18 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 rocky ridge 35 ft. above sec. cor. on W. bdy.; course
	N W and S.E.; sloping S.E. to canon
	Descending on slope facing N.E.
64,40	Bottom of gulch 140 ft. deep course S.E.; thence ascending
	on rocky slope
70,00	Top of ridge 115 ft. high bears N W. and S E and S 12,00 chs.
	to high bluff breaking abruptly to canon. —
	Descending on rocky slope
	Leave timber and enter aspen brake of small size
74,40	Leave aspen brake
74,94	The cor. to secs. 5-6-7 and 8
	This cor. stands 15 ft. below top of ridge
	Land mountainous
	Soil gravely and rocky 3d rate —
	Timber pine spruce aspen and pinion
	Mountainous land 74,94 chs. -
	N 0° 3' W bet. secs. 5 and 8
	On rocky broken slope facing E
4,50	Enter aspen brake and scattering pine
40,00	Set a trachyte stone 18 x 9 x 6 ins. 12 ins. in the
	ground for 1/4 sec. cor. marked 1/4 on W. face;
	from which
	An aspen tree 4 ins. diam. bears N 24° 36' E 18 lks.
	dist. marked 1/4 S.B.T.
	An aspen tree 4 ins. diam. bears. S 83° 5' W. 15 lks.
	dist marked 1/4 S B.T.
	This cor. stands on slope facing E in dense aspen brake
78,83	Intersect 5th Standard Parallel South which is the N.
	bdy of Tp. 110 lks. E of standard cor. to secs. 31 and 32
	which is a stone firmly set marked and witnessed
	as described by the surveyor general. —
	Set a trachyte stone 18 x 14 x 7 ins. 12 ins. in the ground

Chains with 1 grove on W. and 5 Grove on E. faces from which.
An aspen tree 5 in. diam. bears S 19° 31' E 16 lks. dist. marked T. 26 S R. 3 E S 5 B T
An aspen tree 4 in. diam. bears. S 57° 20' W. 12 lks. dist marked T 26 S R 3 E S 6 B.T.
Raised a mound of stones 2 ft. base 1½ ft. high S. of cor.
Land mountainous rolling and broken
Soil gravely and rocky 2d rate
Timber aspen of small size and very dense; and scattering pine and spruce trees of large size
Mountainous land heavily timbered land 78.83 chs.—
June 3: at this cor. O. set off 22° 22' N on the decl. arc. and at 11h 58' a.m. T.m.T. observe the sun on the meridian: the resulting lat. is 38° 36'

June 3, 1895 12h 20m p.m.

General Description

This township is all mountainous land with the exception of small pieces of bottom along the river in secs. 24-25 and 34.— The soil on these river bottom lands is a gravely loam and very productive.— The mountainous land has a gravely and frequently rocky soil, not fit for cultivation but produces an abundance of rich, nutritious grasses, without irrigation; and affords excelent pasture for stock of all kinds, of which I encountered many herds.—
The township is to some extent covered with timber: mainly pinion and cedar, also a fine body of pine and spruce timber in the N.W corner, in secs. 6 and 7
There are no mines nor quarries of any kind nor any indications of mineral veins or deposits.— The surface rock is everywhere a black lava and huge bowlders of the same material is seen every hand and evidence of a tremendous glacial action can be found all over the township.—
The township is well watered by the Fremont or Dirty Devil River and the East Fork of same river which both run through the township from N W south.— The side gulches and washes are periodical in their discharge depending on the melting snows for their supply There are one settler . The township in a

who uses his claim as a hay and dairy farm
Frank Edwards (F Edwards) and Anna Edwards applicants
for survey / the former of this Tp; the latter of Tp 27 S.
R. 3 E. have located a claim in secs 34 but are not
residing there at present their residence being in Tp 27
S R 3 E; they are using their claim as a hay and
dairy farm and the improvements consist of a log
coral—
Applicant for survey of this Tp. J H Taylor is a partner of
the above applicants in the claim in sec 34; it is the
intention of the claimants to make a homestead
filing when the land shall become open to settlement—
A F P Sweet Applicant for survey of this Tp. was at time
of application interested in the ranch in secs. 24 and 25
but has since disposed of his claim to the present claimant.

Andrew P Stauffer
U. S. Deputy Surveyor

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List of Names.

A list of the names of the individuals employed by Andrew P Slauson, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the Subdivision lines of Township 26 South - range 3 East

of Salt Lake Base and Meridian, in Utah, showing the respective capacities in which they acted:

Andrew F Riepen Chainman
Mr H Trone Chainman
Joshua Gardner Axeman
Wm T McKeever Flagman

Final Oath of Assistants:

We hereby certify that we assisted ....., U. S. Deputy Surveyor, in surveying all those parts or portions of the .....

..... Meridian, ..., as 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 U. S. Surveyor General for .....

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

SEAL

6—151

Final Oath of U. S. Deputy Surveyor.

I, ..., U. S. Deputy Surveyo
solemnly swear that, in pursuance of instructions received from ....,
Surveyor General for ...., bearing date of the ....da
...., 18 , I have well, faithfully, and truly, in my own proper person, and in
conformity with the instructions furnished by the U. S. Surveyor General for ....
surveying manual, and the laws of the United States, surveyed all those parts or portions of ....
....
....
....
....
.......................Meridian, in the..., as are represented in the
going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear tha
the corners of said survey have been established and perpetuated in strict accordance with the surveying ma
printed instructions, the special written instructions of the U. S. Surveyor General for..................................
and in the specific manner described in the field notes, and that the foregoing are the true field notes of such su
and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Con
approved August 8, 1846.

Andrew P Hanson
U. S. Deputy Surve

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

SEAL

....

....

Approval.

Office of the U. S. Surveyor General,

Salt Lake City Utah May 23d, 1896.

The foregoing field notes of the survey of the Subdivision of Township 26 South Range 3 East of the Salt Lake Base & Meridian, Utah.
....
....
....
....
.... execut
Andrew P Hanson
under his Contract No. 198, dated March 4th, 1895 having been crit
examined, the necessary corrections and explanations made, the said field notes, and the surveys they describ
hereby approved.

George W. [illegible]
U. S. 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.

....
U. S. Surveyor Gene

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(4—679.)

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BOOK A-239

FIELD NOTES

OF THE SURVEY OF

Subdivision Lines

of

Township № 27 South Range № 2 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Andrew P. Hansen, U. S. Deputy Surveyor,

under his Contract No. 198, dated March 4, 1895.

Survey commenced May 16, 1895.

Survey completed May 24, 1895.

(600—2,'00.) 6—161

42-69-27

Names and Duties of Assistants.

Andrew F. Richens	Chainsman
Wm N. Towne	Chainsman
Joshua Gardner	Axeman
Wm P. McKeever	Axeman
Ray Mavier	Flagman

BOOK A-239

INDEX DIAGRAM.

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

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Meanders Page.....

6—151

reliminary ats o - ssistants.

We, _____

_____

_____

do solemnly swear that we will well and faithfully execute the duties of chain carriers; 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 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 _____

_____

_____

_____

_____

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman.*

Subscribed and sworn to before me this _____ day of _____, 18 .

_____

_____

We, _____

_____

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

_____

_____

_____

_____

Subscribed and sworn to before me this _____ day of _____, 18 .

_____, *Axeman.*

_____, *Axeman.*

_____

_____

_____

Subdivision of T. 27 S. R. 2 E.

chains

Survey commenced May 16, 1895 and proceeded with a W & L E Gurley light mountain transit No 7 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 March 18, 1895. -

Before commencing the subdivision of this township I test the adjustments of my instrument as follows May 16: at 2 p.m. 7 m.t. I go to the true meridian established by me, by observation on Polaris May 14 near my camp in sec 26 T. 27 S. R. 2 E. prior to the commencement of the survey of exterior boundaries of this Tp. and having set the instrument over the station. I set off. 38° 26' on the lat. arc. and 19° 12' on the decl. arc and determine a true meridian with the solar, and by comparison find the two meridian to coincide without appreciable difference and therefor conclude the instrument is in proper adjustment. -

The magnetic bearing of the true meridian at 2 p.m. is 15° 57' W.; the angle thus determined reduced by table page 100 of manual gives the mean mag. decl. 16° 2' E. -

From the cor. to secs. 19-24-25 and 30 on the Fremont Valley Guide meridian which is the east boundary of this township; Lat. 38° 27' N long. 111° 43' W. I run

North on the Fremont Valley Guide meridian bet. secs 19 and 24; ~~and~~ at 39.96 chs. intersect the 1/4 sec cor.; and at 79.90 the cor. to secs. 13-18-19 and 24; Therefor the bearing of this line is north.

From the cor. to secs. 19-24-25 and 30 as above described, I run

West. bet. secs. 24 and 25; at 40.15 chs. the 1/4 sec. cor. bears S. 15 lks. and at 80.05 chs. the

Subdivision of T. 27 S R 2 E

chains	therefor the bearing of this line is West. and the cor. in its proper place. I now run West bet. secs. 23 and 26; at 39.80 chs; intersect the 1/4 sec. cor. and at 79.85 chs. the cor. to secs. 22-23-26 and 27 bears N 10 lks. I therefor conclude that the fractional subdivision of this township have been properly executed and the cors. set within limits of error and determine to extend the survey in the regular way.- My chaining fairly agrees with the original survey with the exception of line bet. secs. 24 and 25 which difference I attribute to error of tallying in the original survey.-
	I commence at the cor. to secs. 23-24-25 and 26 which is a stone firmly set marked and witnessed as described by the surveyor general.-
	Thence I run
	N 0° 1' W. bet. secs. 23 and 24
	Ascending in slide rock, and cliffs course E and W
12.90	Top of cliffs 300 ft. above cor., enter broken plateau and ascend gradually in scattering timber
40.00	Set a lava stone 18 X 10 X 8 ins. 12 ins. in mound of stone on top of flat rock 6 x 8 ft. diam. 2 ft. above ground for 1/4 sec cor. marked 1/4 on W. face, from which
	A pinion tree 5 ins. diam. bears S 84° 10' W. 45 lks. dist. marked 1/4 S B.T.s
	A pinion tree 4 ins. diam. bears. S 45° 20' E. 46 lks dist. marked 1/4 S. B. T.s
80.00	Set a trachyte stone 18 X 12 X 10 ins. 12 ins. in mound of stone 2 ft. base on top of flat stone 10 x 6 ft level with the surface for cor. to secs. 13-14-23 and 24 marked with 3 notches on S and 1 notch on E. edges; from which
	A cedar tree 10 ins. diam. bears. S 24° 30' W 28 lks. dist. marked T. 27 S R 2 E S 23 B.T.s
	A cedar tree 7 ins. diam. bears S 59° 30' E 33 lks. dist. marked T 27 S R 2 E S 24 B.T.s
	A cedar tree 5 ins. diam bears N 23° 28' E 185 lks. dist. marked T 27 S R 2 E S 13 B.T.s
	A pinion tree 13 ins. diam. bears N 67° 10' W. 225 lks. dist. marked T 27 S R 2 E S 14 B.T.s
	This . at end 4 . . . . . 2 .

Subdivision of T 27 S. R 2 E.

Chains

Land mountainous, broken and rolling
Soil gravely and rocky 3d rate
Timber scrubby pinion and cedar mostly scattering
Mountainous and heavily timbered land 80.00 chs.—

East on a random line bet. secs. 13 and 24
4.00 Set limestone 1/4 sec. cor.
7.90 Intersect the Fremont Valley Guide Meridian 14 lks. W of cor. to secs. 13-18-19 and 24 which is a stone firmly set marked and witnessed as described by the surveyor generals
Thence N
N. 89° 54' W. on a true line bet. secs. 13 and 24
Ascending on broken slopes facing E and S.
13.24 Top of ridge course S. E, from plateau, 300 ft. above cor.
Descending on side of canon in scattering timber
29.90 Strike 30 lks wide course S E in bottom of narrow rocky canon 350 feet deep course S E.
Ascending
39.93 Set a large stone 30 x 13 x 8 ins. in mound of stones 3 ft. base 2 ft. high on top narrow ledge of rock 20 ft. wide for 1/4 sec. cor. marked 1/4 on N. face from which,—
A boulder 6 x 5 x 5 ft. above ground bears N. 88° W 30 lks dist. marked + 1/4 S B.O. on side facing cor.
46.00 Top of canon 380 ft. above bottom and 90 ft. above 1/4 sec cor, thence ascending gradually on broken plateau
79.90 The cor. to secs. 13-14-23 and 24
Land Mountainous broken and rolling
Soil gravely and rocky 3d rate
Timber scrubby cedar and pinion mostly
Mountainous and heavily timbered land 79.90 chs.
May 16, 1893—

N 0° 1' W bet. secs. 13 and 14
Ascending gradually on broken plateau in scattering tim
37.75 Top of canon, descending on rocky broken slope
40.00 Set a large stone 28 x 7 x 6 ins. in mound of stone 2 ft base 1½ ft. high for 1/4 sec. cor. marked 1/4 on W. face, from which
8 ins. diam.

Subdivision of T 27 S R 2 E

chains	1/4 S 13 T
	A pinion tree 6 ins. diam. bears N 35° 30' W 34 lks. dist. marked 1/4 S 13 T
41,90	Stream 2 lks. wide course S 60° E in bottom of narrow canon 210 ft. deep
	Ascending rocky slope
46,50	Top of canon; thence ascending gradually on broken plateau; leave timber
80,00	Set a lava stone 18 x 14 x 11 in. 12 in. in the ground for cor. to secs. 11-12-13 and 14 marked with 4 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. —
	Land mountainous broken and rolling
	Soil gravely wash and rocky 2d and 3d rate
	Timber, scrubby pinion and cedar scattering
	Mountainous land 80,00 chs
	May 17: At 8h 30m a.m. T.m.T. I set off 38° 28' on the lat. arc and 19° 23' N. on the decl. arc and determine a true meridian with the solar at the cor. to secs. 11-12-13 and 14
	Thence I run
	S 89° 54' E on a random line bet. secs. 12 and 13
48,00	Set temp 1/4 sec cor.
79,70	Intersect the Fremont Valley guide Meridian 15 lks. S. of cor to secs. 7-12-13 and 18 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 12 and 13
	Ascending rocky slope
2,10	Enter plateau, thence over broken rolling surface
19,00	Bottom of gulch 50 ft. deep course S E; thence ascending
39,50	Set a lava stone 18 x 10 x 8 in. 12 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. —
	Ascending gradually on broken rolling slope
79,70	The cor. to secs. 11-12-13 and 14
	Land mountainous broken and rolling
	Soil gravely and rocky 2d and 3d rate

Subdivision of T. 27 S R 2 E.

chains	
	Timber, a few scrubby cedar scattering. Mountainous land 79,70 chs -
	N 0°1' W bet secs. 11 and 12
	Ascending gradually on broken plateau.
40,00	Set a lava stone 18 x 12 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; from which A pinion tree 12 ins. diam. bears. N 44°30' E 95 lks. dist. marked 1/4 S.B.T.
	A pinion tree 15 ins. diam. bears. S 34°15' W. 152 lks. dist marked 1/4 S.B.T.
80,00	Set a trachyte stone 18 x 11 x 9 ins. 12 ins. in the ground for cor. to 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 This cor. stands 250 feet higher than cor to secs. 11 12-13 and 14
	Land, mountainous, rolling and broken.
	Soil, gravely wash; strewn with hugh bowlders of glacial origin 2d and 3d rate
	Timber, a few scrubby cedar and pinion.
	Mountainous land 80,00 chs. —
	May 17: At this cor. I set off 19° 25' N. on the decl. arc; and at 11h 56' a.m. L.M.T. observe the sun on the meridian; the resulting lat. is 38° 29'
	East on a random line bet. secs 1 and 12
40,00	Set temp. 1/4 sec. cor.
79,54	Intersect Fremont Valley Guide Meridian 26 lks. N. of cor. to secs. 1-6-7 and 12 which is a stone firmly set marked and witnessed as described by the surveyor General;
	Thence I run
	N 89° 49' W on a true line bet. secs. 1 and 12
	Descending gradually over broken plateau sloping S.
39,77	Set a lava stone 20 x 18 x 7 ins. 15 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 -
43,05	Bottom of gulch course S. 25° E. 70 feet deep. -
	Ascending gradually
7 54	The cor. [illegible]

Subdivision of T 27 S R 2 E

Chains	Land mountainous broken and rolling Soil gravely wash 2d rate No timber.- Sage brush and stone undergrowth Mountainous land 79,54 chs.—
	N 0°1' W on a random line bet. secs. 1 and 2
40,00	Set. limp. 1/4 sec. cor.
78,90	Intersect N. bdy. of Tp. 47 lks. E. of cor. to Secs. 1-2-35 and 36 which is a stone firmly set marked and witnessed as described by the surveyor general Thence I run S 0°21' E on a true line bet secs. 1 and 2
2,50	Descend
12,50	Bottom of draw course E; thence S Ascending gradually
26,00	Top of ridge course E. and W 30 ft. high Descending in dense undergrowth — ungradual slope
38,90	Set a lava stone 18 x 11 x 8 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.—
78,90	The cor. to secs. 1-2-11 and 12 This cor. stands on plateau sloping S. 300 ft. lower than cor to secs. 1-2-35 and 36 on N bdy. of Tp Land Mountainous broken and rolling Soil gravely wash 2d rate No timber.- Dense undergrowth of sagebrush and thorn 0-2.90 chs.— Mountainous land. and covered with dense undergrowth 78,90 chs.—
	From cor. to secs. 22-23-26 and 27 which is a stone firmly set marked and witnessed as described by the surveyor general, I run N 0°1' W. bet. secs. 22 and 23 Ascending gradually on broken rocky slope
35,00	Enter scattering timber
38,80	Bottom of cliff 40 ft. high course nearly E and W
39,00	Top of cliff; thence in huge boulders ascend gradually
40,00	Set a rocky to stone 20 x 14 x 7 ins. 18 ins. in mound of stone 2 ft. base. on flat ledge of rock 3 ft. above ground for 1/4 sec. cor. marked 1/4 on W.

Subdivision of T 27 S R 2 E.

Chains	A pinion tree 18 ins. diam. bears S. 29° W. 49 lks. dist. marked 1/4 S. B. T.
	A pinion tree 17 ins. diam. bears S 64° 32' E 34 lks. dist. marked 1/4 S. B. T.
44,00	Leave Morain drift. and ascend gradually on broken plateau
74,00	Descend in draw. Leave timber
80,00	Set a lava stone 18 x 10 x 8 ins. 12 ins. in the ground for cor. to 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
	This cor stands in bottom of draw draining W. 400 ft. above cor. to secs. 22-23-26 and 27
	Land mountainous very broken
	Soil rocky and gravely 3d rate
	Timber, pinion and cedar mostly scattering
	Mountainous land 80,00 chs. —
	May 17, 1895 —
	East on a random line bet. secs. 14 and 23
40,00	Set temp. 1/4 sec. cor.
79,60	Intersect N. and S. line at cor. to secs. 13-14-23 and 24
	Thence I run
	West on a true line bet. secs. 14 and 23
	Ascending gradually over broken plateau in scattering timber
39,80	Set a lava stone 18 x 12 x 7 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
	Leave scattering timber
77,60	Descend in draw
79,60	The cor. to secs. 14-15-22 and 23
	Land mountainous broken and rolling
	Soil gravely and rocky 3d rate
	Timber scrubby cedar and pinion scattering
	Mountainous land 79,60 chs —
	N 0° 1' W bet. secs. 14 and 15
	In bottom of draw draining W.
8,00	Bottom of gulch from N W turns S.W. 25 ft. deep.
1,80	Ascend on rocky slope facing E
32,00	Top of ridge sloping E to gulch 90 ft. high
	Descend on slope facing E
[illegible]	[illegible] lava stone [illegible] ins. in the ground [illegible]

Subdivision of T 27 S R 2 E

Chains	
	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. —
46,00	Bottom of gulch course S 20° E 70 ft. deep. Ascend gradually on broken slope
69,00	Top of ridge course N.W. and S.E. 200 ft. high. Descending broken slope
80,00	Set a lava stone 24 x 16 x 6 ins. 18 ins. in the ground for cor. to 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 on slope facing E. 325 ft. above cor. to secs. 14-15-22 and 23. Land, mountainous, broken. Soil, gravely and rocky 2d and 3d rate. No timber. Mountainous land 80,00 chs. —
	East on a random line bet. secs. 11 and 14.
4,00	Set temp. 1/4 sec. cor.
79,80	Intersect N. and S. line 41 l.to S. of cor. to secs. 11-12-13 and 14. Thence I run S 89° 42' W. on a true line bet. secs. 11 and 14. Over broken plateau sloping S.
20,00	Bottom of gulch course S. 10° E 70 ft. deep, fringe of timber. Ascend
39,90	Set a lava stone 18 x 12 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. —
55,00	Top of ridge course N.W. and S.E. 170 ft. high. Descend, entire timber
60,05	Bottom of gulch course S.E. 100 ft. deep. Ascend
63,80	Top of ridge course N.W. and S.E. 50 ft. high. Descend
73,75	Bottom of gulch course S. 30° E 45 ft. deep. Ascend. Leave timber
79,80	The cor. to secs. 10-11-14 and 15. This cor. stands 175 ft. above cor. to secs. 11-12-13 and 14. Land mountainous, broken

Subdivisions of T 27 S. R. 2 E.

chains	
	Soil gravely and rocky 2d and 3d rate— Timber scrubby cedar and pinion scattering Mountainous land 79,80 chs. May 18: At this cor. I set off 19° 38' on the decl. arc, and at 11h 56m a.m. L.m.T. observed the sun on the meridian; the resulting lat. is 38° 28' 30"
	N. 0° 1' W. bet. secs. 10 and 11.
7,00.	Descending on broken slopes, in scattering timber
10,15	Bottom of gulch, and dry wash, course S E 90 ft. deep
	Ascending steep broken slope
16,00	Ascent becomes gradual, bare timber
40,00	Set a hard stone 18 x 10 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 inspectionable
80,00	Set a large stone 18 x 13 x 6 ins. 12 ins. in the ground for cor. to secs. 2-3-10 and 11 marked with 5 notches on S and 2 notches on E edges. raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits inspectionable This cor. stands 320 ft. above the sec cor. 1 mile S. — Land mountainous broken Soil gravely and rocky 2d and 3d rate— Timber scrubby pinion and cedar scattering Mountainous land 80,00 chs.—
	May 18: At 2h 40m p.m. L.m.T I set off 38° 29' on the lat. arc and 19° 39' on the decl. arc: and determine a true meridian with the solar at the cor. to secs. 2-3-10 and 11. Thence I run N 89° 42' E on a random line bet. secs. 2 and 11
40,00	Set a temp. 1/4 sec. cor.
79,92	Intersect N. and S. line 25 lks. N. of cor to secs. 1-2-11 and 12 Thence I run S 89° 3' 3" W. on a true line bet. secs. 2 and 11 Over broken plateau in dense undergrowth
39,96	Set a large stone 18 x 12 x 6 ins. 12 ins. in the ground 11 sec. cor. and 11

Subdivision of T 27 S R 2 E

chains	mound of stones 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable.—
50,00	Descending gradually on broken slope in scattering timber
66,00	Bottom of gulch course S E 125 ft. deep
	Ascending
75,00	Leave timber
79,92	The cor. to secs. 2-3-10 and 11
	Land, mountainous, broken
	Soil. gravely wash, stony 2d rate
	Timber scrubby pinion and cedar scattering;
	Dense undergrowth of sagebrush and thorn
	Mountainous land or dense undergrowth 79.92 chs.
	N. 0° 1' W. on a random line bet. secs. 2 and 3
40,00	Set temp. 1/4 sec. cor.
79,65	Intersect N. bdy. of Tp. 42 lks. E. of cor. to secs. 2-3-34 and 35 which is a stone firmly set marked and witnessed as described by the surveyor general.—
	Thence I run
	S 0° 19' E on a true line bet. secs. 2 and 3
	Descending on slope facing S and W
20,15	Hollow draining E; thence ascending on broken slope facing E
39,65	Set a lava stone 18 x 11 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which a pinion tree 12 ins. diam. bears N 41° 5' W. 58 lks. dist. marked 1/4 S. B. T.
	A pinion tree 13 ins. diam. bears N 2° W. 65 lks. dist. marked 1/4 S. B. T.; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.—
	Enter scattering timber, and descend on broken slope
68,55	Bottom of gulch course E 160 ft. deep.
	Ascend, and leave timber
77,60	Top of ridge course E and W 120 ft. high
	Descend
79,65	The cor. to secs. 2-3-10 and 11
	This cor stands 300 ft. below cor. to sec. 2-3-34 and 35
	Land mountain broken and rolling
	Soil, gravely and stony 3d rate
	Timber, scrubby pinion and cedar scattering
	Mountainous land 79,65 chs.

7 8 1895

Subdivision. T 27 S. R 2 E

Chains	
	From the cor. to secs. 21-22-27 and 28 which is a stone firmly set marked and witnessed as described by the surveyor general I run
	N 0° 2' W. bet. secs. 21 and 22
	Descending on side of gulch
3,10	Bottom of gulch 140 ft. deep course S E
	Ascending rocky slope
7,95	Top of gulch thence ascending gradually on broken slope
35,25	Foot of cliff 30 ft. high course S 70° E
35,40	Top of cliff. Thence ascending gradually in moraine drift. on rocky slope
40,00	Set a trachyte stone 8 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
57,10	Top of slope; descending steep rocky slope facing N
64,45	Bottom of cañon 280 ft. deep course W.
	Ascending on rocky slope
75,75	Top of cañon enter broken plateau; ascending gradually
80,00	Set a lava stone 18 x 11 x 9 in. 12 in. in the ground for cor. to secs. 15-16-21 and 22 marked 27 S. on N. E and 2 E on S. E. faces with 3 notches on S and E edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable. —
	This cor. stands rolling plateau about 500 ft. above cor. to secs 21-22-27 and 28 -
	Land mountainous broken and rolling
	Soil, gravely and rocky, covered with many huge bowlders of glacial origin; 3d rate
	Timber. a few scrubby pinion and cedar scattering
	Mountainous land 80,00 chs. —
	S 89° 56' E. on a random line bet. secs. 15 and 22
40,00	set temp. 1/4 sec. cor.
79,50	Intersect N. and S. line 40 lks. S. of of cor. to secs. 14-15-22 and 23
	Thence I run
	S 89° 47' W on a true line bet. secs. 15 and 22
	Descending in gulch running W.
26,00	Bottom of gulch at head of cañon, course S.W.
	[illegible] line on st w [illegible] S. in cañon

Chains	
39,75	Set a lava stone 18 x 11 x 8 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 inaccessible
64,50	Top of canon; thence ascending gradually on broken plateau. —
79,50	The cor. to secs. 15-16-21 and 22 Land mountainous, broken Soil gravely and rocky 3d rate Timber, a few scrubby pinion on side of canon Mountainous land 79.50 chs. —
	May 19, At 9h 45m a.m. v.m.t. I set off 38°28' on the lat. arc. and 19°50' N on the dec. arc; and determined a true meridian with the solar at the cor. to secs. 15-16-21 and 22; Thence I run N 0°2' W. bet. secs. 15 and 16 Ascending gradually over rocky broken plateau
36,90	Perpendicular cliff course N W and S E. facing S.: Enter timber
40,00	Set a lava stone 18 x 10 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; from which A pinion tree 10 ins. diam. bears S 26°30' W 33 lks. dist. marked 1/4 S 13. T. A cedar tree 13 ins. diam. bears N 66°3' E 23 lks dist. marked 1/4 S.13.T.
62,00	Land timber
80,00	Set a lava stone 18 x 10 x 7 ins. 12 ins. in the ground for cor. to 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 inaccessible This cor. stands 350 ft. above sec. cor. 1 mile S. Land, mountainous broken and rolling Soil gravely and rocky 3d rate Timber scrubby pinion and cedar Mountainous land 80,00 chs. —
	N 8°47' E on a random line bet. secs. 10 and 15
40,00	Set stone 1/4 sec. cor.
79,60	Intersect N and S line 29 lks. N. of cor. to secs. 10-15-14 and 15 Thence S run

Subdivision of T. 27 S. R 2 E.

chains West on a true line bet. secs. 10 and 15
Ascending
7,00 Top of ridge course S.E. and N.W. 100 ft high
Descend on broken slope
19,50 Bottom of gulch 80 ft. deep course S 30° E
Ascending gradually on rolling surface
39,80 Set a lava stone 17 x 11 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. –
79,60 The cor. to secs. 9-10-15 and 16
Land mountainous broken and rolling
Soil gravely and stony 2d and 3d rate
Timber a few scrubby pinion scattering
Mountainous land 79.60 chs. –
May 19: At this cor. I set off 19° 49' N. on the decl. arc; and at 11h 56' a.m. Z.M.T. observe the sun on the meridian; the resulting lat. is 38° 28'

N 0° 2' W. bet. secs 9 and 10
Ascending on broken slope facing E
24,75 Enter cedar timber; Thence on broken ridge 50 ft high
40,00 A stationary stone 24 x 20 x 18 ins. above ground for 1/4 sec. cor. marked 1/4 on W. face from which
A cedar tree 6 ins. diam. bears. S 55° 30' W. 72 lks. dist. marked 1/4 S.13.T.
No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W of cor. –
74,00 Wood road from S W. turns N.W. 15 lks W. of line
80,00 Set a lava stone 18 x 8 x 7 ins. 12 ins in the ground for cor. to secs. 3-4-9 and 10 marked with 5 notch on S and 3 notches on E. edges. from which.
A pinion tree 16 ins. diam bears N 65° 47' E 67 lks. dist. marked T 27 S R 2 E S 3 B.T.
A pinion tree 12 ins. diam. bears S 29° 14' W. 149 lks. dist. marked T 27 S. R 2 E S. 9 B.T.
A pinion tree 9 ins. diam. bears S 25° E 148 lks dist. marked T 27 S R 2 E S. 10 B.T.
A pinion tree 6 ins. diam. bears. N 36° 30' W 212 lks. dist. marked T 27 S. R 2 E S 4. B.T. –

Subdivisions of T. 27 S R 2 E

Chains This cor. stands 600 ft. above cor. to secs. 9-10-15 and 16
Land mountainous broken
Soil gravely and stony 3d rate
Timber pinion and cedar
Mountainous land 80,00 chs. -

East on a random line bet. secs. 3 and 10
40,00 Set temp 1/4 sec. cor.
79,65 Intersect N. and S. line 37 lks. S. of cor. to secs. 2-3-10 and 11
Thence I run
S 89° 44' W on a true line bet. secs. 3 and 10
On broken slope facing S, descending gradually;
8,65 Enter timber
39,83 Set a lava stone 18 x 12 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on on N. face; raised a mound of stone 2 ft. base 1½ ft. high N. of cor.
A pinion tree 7 ins. diam bears N 18° 20' W 139 lks. dist. marked 1/4 S. B T
A cedar tree 6 ins. diam. bears S 2° 15' W. 80 lks. dist marked 1/4 S.B.T. -
60,00 Ascend on slope facing E
79,65 The cor. to secs. 3-4-9 and 10
Land Mountainous broken and rolling
Soil gravely and stony 2d and 3d rate
Timber pinion and cedar
Mountainous and heavily timbered land 79,65 chs. -

N 0° 2' W. on a random line bet. secs. 3 and 4
40,00 Set temp. 1/4 sec. cor.
80,30 Intersect N. bdy of Tp. 34 lks. E of of cor. to secs. 3-4-33 and 34 which is a stone firmly set marked and witnessed as described by the surveyor general. -
Thence I run
S 0° 16' E on a true line bet. secs. 3 and 4
Descending over rolling surface
20,30 Descending steep slope to cañon
35,30 Bottom of Cañon 160 ft. deep course E
Ascend
40,30 Set a lava stone 18 x 10 x 8 ins. 12 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face. from which
A - 6 N 0° 30'

Subdivision of T 27 S R 2 E

Chains marked 1/4 S.13 T.

A mountain mahogany tree 5 ins. diam. bears S 78°15' W. 23 lks. dist. marked 1/4 S.13.T.

41,20 Top of ridge sloping E 200 ft. above bottom of cañon; course nearly E. and W.

Descending on broken slope facing S E

74,80 Enter timber

80,30 The cor. to secs. 3-4-9 and 10

This cor. stands 430 ft. below cor. to secs. 3-4-33 and 34

Land mountainous broken and rolling

Soil gravely and stony 3d rate

Timber cedar and pinion

Mountainous land 80,30 chs. —

May 19, 1895

May 20. At 8 h. 10 m. a.m. I set off 38°25' on the Lat. arc and 20°2' N. on the decl. arc; and determine a true meridian with the solar at the cor. to secs. 4-5-32 and 33 on S. bdy of Tp.

Thence I run

N 0°3' W. bet. secs. 32 and 33

Ascending on slope facing S.W.

12,50 Top of ridge course E and W; sloping W to gulch

Descend

21,00 Bottom of gulch 300 ft. below top of ridge; course N E

Ascend

35,35 Top of ridge 150 ft. high course S.W. and N.E.; enter timber and descend on rocky slope

41,00 Set a lava stone 18 x 10 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, from which

A pinion tree 6 ins. diam. bears N 44° E 15 lks dist. marked 1/4 S.13.T.

A pinion tree 6 ins. diam. bears S. 88°50' W. 8 lks dist. marked 1/4 S.13.T. - raised a mound of stones 2 ft. base 1½ ft. high W. of cor.

43,00 Leave timber

68,10 Edge of precipice facing N. 45 ft. high; descend in cañon

73,00 Stream 3 lks. wide in bottom of cañon 350 ft. deep course E

Ascending in cliffs, and timber

80,00 Set a lava stone 18 x 12 x 5 ins. 12 ins in the ground for cor. to secs. 28-29-32 and 33 marked with 1 notch and 4 [illegible]

Subdivision of T. 27 S. R. 2 E

Chains	10 ft. high bears N. 61° W 38 lks. marked T. 27 S R. 2 E S 26 B.O. 5 ft. above ground. No other bearing objects, or trees within distance; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. This cor. stands on N. side of a rocky canon 150 ft. from the bottom in cliffs and ledges Land mountainous broken and rolling Soil gravely and rocky Timber, scrubby pinion and cedar scattering; sagebrush and thorn undergrowth — Mountainous land 80,00 chs.
	East on a random line bet. secs. 28 and 33
40,00	Set temp 1/4 sec. cor.
80,24	Intersect N. and S. line 32 lks N of cor. to secs. 27-28-33 and 34 which is a stone firmly set marked and witnessed as described by the Surveyor General Thence I run, N. 89° 46' W. on a true line bet. secs. 28 and 33 Ascend rolling slope
3,05	County Road, Rabbit Valley to Grass Valley bears N.W. and S.E; begin
30,50	stream 3 lks. wide in bottom of canon 300 ft. deep course S 70° E Ascending rocky slope
35,80	Top of canon; enter level bench
40,12	Set a lava 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 stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable
59,20	Edge of same canon ~~canon~~; descend rocky slope
65,30	Bottom of canon 340 ft. deep, and stream 3 lks wide course N.E. — Ascending in cliffs on side of canon
80,24	The cor. to secs. 28-29-32 and 33 Land Mountainous Soil rocky and gravely 4th rate Timber a few scrubby cedar in canon Mountainous land 80,24 chs.
	N 0° 3' W. bet. secs. 28 and 29 Ascending in rocky cliffs, on side of canon
5,95	Top of Canon; 230 ft. above cor.; thence over broken plateau ascending gradually
22,20	" rocky slope

Subdivision of T 27 S R 2 E

Chains

26,25 Bottom of narrow rocky cañon 1.00 ft. deep, course E; near its head. —
Ascending on rocky slope, and glacial drift
33,94 County Road from Rabbit Valley to Grass Valley E and W.
40,00 Set a trachyte stone 18 x 14 x 10 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
This cor. stands 350 ft. above the sec cor ½ mile S. and about 60 ft. above the road on rocky slope facing S.
51,20 Top of ridge 225 ft. above 1/4 sec cor. course E and W; des
65,00 Bottom of gulch course E 40 ft. deep
80,00 Set a lava stone 18 x 10 x 9 ins. 12 ins. in the ground for cor. to 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 200 ft. below the 1/4 cor. on this line
Land Mountainous
Soil gravely and rocky 3d rate
Timber: a few scrubby pinion along ridge
Mountainous Land 8,00 Chs. —
May 20: at this cor. I set off 20° 3' 30" W on the arc; and at 11h 56' a.m. 2 m.v. observe the sun on the meridian; resulting lat. is 38° 27'

S 89° 46' E on a random line bet. secs. 21 and 28
40,00 Set temp. 1/4 sec. cor.
80,50 Intersect N and S line 15 lks. N of cor. to secs. 21-22-27 and 28 as herein before described
Thence I run
N 89° 40' W on a true line bet. secs. 21 and 28
ascending
3,50 Top of slope; thence over sloping broken bench
33,75 Ravine 30 ft. deep course S.E.
40,25 Set a lava stone 18 x 12 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 in
48,45 Descend steep slope
54,15

Subdivision of T 27 S R 2 E

Chains	
	Beginning ascent of cliff slope
62,50	Top of canon: thence ascending gradually
65,75	Top of ridge course N W and S E 50 ft. high
	Descending
77,25	Road from Rabbit Valley to Fish Lake course N W and S E in bottom of gulch draining S E 200 ft. deep
77,50	Ascend from gulch
— 80,50	The cor. to secs 20-21-28 and 29
	This cor. stands on slope facing N E 60 ft. above road and 200 ft. above cor. to secs. 21-22-27 and 28
	Land, mountainous, rolling
	Soil gravely and stony 2d rate
	No timber
	Mountainous land 80,50 Chs. —

	N. 0° 3' W. bet. secs. 20 and 21
	Descending
4,50	Dry wash in bottom of gulch 60 ft. below cor.; course S E
5,40	Road from Rabbit Valley to Fish Lake course N W and S E
	Ascend on broken surface
13,00	Top of ridge 160 ft. high course S E and N W
	Descend
16,24	Gulch 40 ft deep course S E.
	Ascend
19,00	Top of ridge course S E 60 ft. high
	Descend
23,50	Bottom of gulch course S E 90 ft. deep
	Ascend cliff slope
28,10	Top of gulch: thence ascending gradually on broken slope
40,00	Set a lava 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 stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
— 80,00	Set a hackly to stone 17 V 18 x 6 ins. 11 ins. in the ground for cor. to 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 350 ft. higher than the sec. cor. 1 mile S, on slope facing S. W.
	Land mountainous. rolling

Subdivision of T 27 S R 2 E

Chains	
	No timber
	Mountainous land 80.00 chs.
	S. 89° 40' E on a random line bet. secs. 16 and 21
40.00	Set limp. 1/4 sec. cor.
80.42	Intersect N. and S. line 24 chs. S. of cor. to secs. 15-16-21 and 22
	Thence S. run
	N. 89° 50' W. on a true line bet. secs 16 and 21
	Ascending gradually on broken plateau
25.00	Enter scattering timber
28.40	Top of slope, and ridge 120 ft. high course N. and S.
33.20	Begin descent on steep broken slope
40.21	At stationary boulder 24 x 18 x 14 ins. above ground for 1/4 sec. cor. marked 1/4 on West face (N. face too rough and broken to mark) from which
	A pinion tree 7 ins. diam. bears N. 83° W. 5 lks. dist., marked 1/4 S. 13. T.
	A pinion tree 6 ins. diam. bears S. 2° 30' W. 6 3 lks. dist. marked 1/4 S. 13. T.; raised a mound of stones 2 ft. base 1½ ft. high N. of cor. -
42.00	Leave scattering timber
47.10	Dry wash in bottom of gulch course S. 20° E. 380 ft. to head
	top of ridge
	Ascend
51.83	Top of slope enter ridge sloping S. 60 ft. above wash
57.50	Descending on broken slope facing S. W.
80.42	The cor. to secs. 16-17-20 and 21
	This cor. stands 25.0 ft. below cor. to secs 15-16-21 and 22
	Land mountainous very broken
	Soil gravely and rocky 3rd rate
	Timber scrubby cedar and pinion scattering
	Mountainous land 80.42 chs. —
	May 20. 1895
	May 21: At 8h 20m a.m. I mt. S. I set off 38° 28' on the lat. arc and 20° 14' W. on the dec. arc; and determine a true meridian with the solar at the cor. to secs. 16-17-20 and 21.
	Thence S. run
	N. 0° 3' W. bet. secs. 16 and 17
	Ascending on broken slope facing S. W.
40.00	At stationary stone 16 x 12 x 12 ins. above

Subdivision of T 27 S R 2 E

Chains	
	1/4 sec. cor. marked 1/4 on W. face from which
	A pinion tree 6 in. diam. bears S 69° 15' W. 44 lks. dist.
	marked 1/4 S. B. T.
	A pinion tree 7 ins. diam. bears S 7° 30' E 50 lks. dist.
	marked 1/4 S B. T. ; raised a mound of stones 2 ft. base
	1½ ft. high W. of cor. – This cor stands on ridge sloping W 250 ft high
	Enter timber and descend on rocky slope
50,00	Bottom of gulch course W 110 ft. below cor.
	Ascending on slope facing W to gulch
69,70	Top of slope, and ridge 250 ft above gulch course E and W;
	sloping W. to gulch
	Descend
80,00	Set a trachyte stone 22 x 10 x 7 ins. 15 in. in the ground
	for cor. to secs. 8-9-16 and 17 marked with 4 notches
	on S. and E. edges; from which
	A pinion tree 6 in. diam. bears S 54° 40' E 65 lks.
	dist. marked T 27 S R 2 E S 16 B. T.
	A pinion tree 4 in. diam. bears N 14° 40' W. 139 lks dist.
	marked T 27 S R 2 E S 8 B. T.
	A pinion tree 8 in. diam. bears N 4° 45' E 192 lks dist.
	marked T. 27 S. R. 2 E. S. 9 B. T.
	A ledge of rock 10 ft. high bears S 60° 5' W 21 lks dist marked
	T 27 S R 2 E S 17 BD. on side facing cor. 5 ft. above ground
	This cor. stands 320 ft. above cor. to secs. 16-17-20 and 21;
	on slope facing N, in gulch close to wood road
	Land mountainous
	Soil, gravely and stony 3d rate
	Timber, scrubby pinion scattering
	Mountainous land 80,00 Chs. –
	S 89° 50' E on a random line bet. secs. 9 and 16
40,00	Set temp. 1/4 sec. cor.
80,30	Intersect N. and S. line 19 lks S. of cor. to secs. 9-10-15
	and 16
	Thence I run
	N 89° 58' W. bet. secs. 9 and 16
	Ascending
9,00	Top of ridge course N and S 100 ft. high
	Descending gradually on broken slope
18,25	Bottom of draw draining S to gulch;
	Ascending gradually
32,30	Top of ridge course N. E. and S. W.

Subdivisions of T. 27 S R 2 E

Chains	Descending on broken slope facing N.W. to gulch
40,15	Set a lava stone 18 x 12 x 7 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.
80,30	The cor. to secs. 8-9-16 and 17
	This cor. stands 160 ft. abelow the 1/4 cor. on this line
	Land mountainous
	Soil gravely and stony 2d and 3d rate
	Timber a few scrubby pinion in gulch
	Mountainous land 80,30 chs. –
	N 0° 3' W. bet. secs. 8 and 9
	Descending in timber
.50	Wood road in bottom of gulch course S.W.
	Ascending on rocky slope facing S
23,00	Top of gulch 400 ft. above last sec. cor.
	Ascending gradually on broken plateau sloping E
	Leave timber
40,00	Set a lava 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 ft. base 1½ ft. high W. of cor. Pits impracticable
49,00	Descend to gulch
58,80	Bottom of gulch course E. 80 ft. deep
	Ascend on broken slope
80,00	Set a lava stone 18 x 7 x 10 ins. 12 ins. in the ground for cor. to secs. 4-5-8 and 9 marked with 5 notches on S and 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 300 feet above cor. to secs. 8-9-16 and 17
	Land mountainous
	Soil gravely and stony 3d rate –
	Timber pinion
	Mountainous land 80,00 Chs
	May 21: at this cor. I set off 20° 16' W. on the decl. arc and at 11h 56' a.m. T.M.T. observe the sun on the meridian
	The resulting lat. is 37° 29'
	S 89° 58' E on a random line bet. secs. 4 and 9
40,00	set temp. 1/4 sec. cor.
80,16	Intersect N and S line 21 lks. S. of cor. to secs. 3-4-9 and 10
	[illegible] run

Subdivision of T 27 S R 2 E

Chains S 89° 53' W. on a true line bet. secs. 4 and 9
Descending on slope facing S. in timber
2,15 Moved 100 ft. bears N 25° W. and S 25° E
15,10 Bottom of gulch course S.E. 70 ft. deep
Ascend
38,00 Top of ridge course N W and S.E. 190 ft. high; leave timber
Descending on slope facing S.
40,08 Set a lava stone 18 x 13 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.
58,00 Enter timber
77,00 Leave "
— 80,16 The cor. to secs. 4-5-8 and 9
This cor stands on about the same elevation as cor. 1 mile E.
Land Mountainous
Soil gravely and rocky 3d rate
Timber scrubby pinion scattering
Mountain land 80.16 chs. —

N 0° 3' W. on a random line bet. secs. 4 and 5
4,00 Set temp. 1/4 sec. cor
80,24 Intersect N. bdy. of Tp. 2 lks. E. of cor. to secs. 4-5-32- and 33 which is a stone firmly set marked and witnessed as described by the surveyor general. —
Thence I run
S 0° 4' E on a true line bet. secs. 4 and 5
Descending on broken slope facing S and E to gulch
40,24 Set a lava stone 18 x 13 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. —
46,00 Bottom of gulch course S.W. 380 ft. below cor on Tp bdy.
Ascending on rocky slope facing W. and N
63,30 Top ridge course N E; sloping W to gulch, 300 ft. above bottom of gulch
67,40 Descend on slope facing S.
— 80,24 The cor. to secs. 4-5-8 and 9
This cor stands 300 feet below cor to secs 4-5-32 and 33
Land Mountainous
Soil gravely and stony 3d rate
No timber
Mountainous land 80.24 chs. —

21.1 95

Subdivision of T. 27 S R 2 E

chains	
	From cor. to secs. 5-6-31 and 32 on S bdy. of Tp. I run N 0° 3' W bet. secs 31 and 32
	Descending gradually on slope facing N W in dense undergrowth
24,20	Dry wash in bottom of gulch 70 ft. deep
	Ascending rocky slope
33,50	Top of ridge course N.E. and S.W.; sloping E to cañon
	Descend on steep broken slope
35,50	Descending in cliffs and breaks
37,90	Bottom of Cañon course N.E. 160 ft. deep, between narrow walls
	Ascending on rocky slope
40,00	A perpendicular cliff of rock 38 ft. high course N and S for 1/4 sec cor. marked + 1/4 on W. face 4 ft. above ground; raised a mound of stones 2 ft. base 1½ ft high W. of cor. on top of flat ledge of rock. –
42,65	Top of cañon; thence over rocky plateau
51,75	Descending on steep rocky slope; enter timber
70,80	Dry wash in bottom of cañon 300 ft. deep course S.E.
	Ascending in cliffs, and broken slope of ravine 10 ft. deep course S.W.
80,00	Set a trachyte stone 18 X 11 X 9 in. 12 in. in the ground for cor. to secs 29-30-31 and 32 marked with 1 notch on S. and 5 notches on E. edges from which
	A pinion tree 20 in. diam. bears S 44° 40' W 27 lks. dist. marked T 27 S R 2 E S 31 B T
	A pinion tree 16 in. diam bears N 52° 45' W 80 lks. dist. marked T 27 S R 2 E S 30 B.T.
	A pinion tree 12 in. diam. bears N 13° 15' E. 81 lks. dist marked T 27 S R 2 E S 29 B T
	A pinion tree 6 in. diam bears S 18° 30' E 65 lks. dist. marked T. 27 S. R. 2 E. S. 32 B.T.
	Land Mountainous
	Soil, rocky, and gravely on S ½ mile
	Timber, pinion in cañon, scattering; sagebrush and thorn undergrowth
	Mountainous land 80,00 chs
	May 22: At 8h 30m a.m. L.m.t. I set off 38° 26' on the lat. arc and 20° 26' on the decl. arc: and determine a true meridian with the solar, at the cor. to secs. 29-30-31 and 32
	Thence I run
	East on a random line bet. secs. 29 and 32
40,00	1/4 sec.

Subdivision of T. 27 S. R. 2 E.

Chains	
80,00	Intersect N. and S. line at cor. to secs. 28-29-32 and 33
	Thence I run
	West on a true line bet. secs. 29 and 32
	Descending gradually on side of canon in ledges and timber
30,50	Stream 2 lks wide in Bottom of Canon 300 ft. deep course S. E.
	Begin ascent of rocky slope
37,00	Top of slope; enter rocky point of bench
40,00	Set a lava stone 18 x 11 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.
42,00	Descend on side of canon
44,80	Bottom of same canon and dry wash course N. E.
	Ascend on rocky slope
49,50	Top of canon, thence over rocky plateau
70,00	Edge of plateau; thence descending in same canon
80,00	The cor. to secs. 29-30-31 and 32
	Land mountainous
	Soil rocky 4th rate
	Timber scrubby pinion, scattering
	Mountainous land 80,00 chs.
	West on a random line bet. secs. 30 and 31
40,00	Set temp. 1/4 sec. cor.
78,20	Intersect W. bdy. of Tp. at cor. to secs. 25-30-31 and 36
	Thence I run
	East on a true line bet. secs. 30 and 31
	Descending gradually on broken plateau in dense undergrowth
29,10	Top of canon; descending rocky slope in scattering timber
38,20	Set a lava stone 28 x 12 x 6 ins. in mound of stone 2 ft. base 1½ ft. high for 1/4 sec. cor. marked 1/4 on N. face; This cor stands on top of flat ledge of rock 2 ft. above ground
42,70	Dry wash in bottom of canon 280 ft. deep course S. E.
	Ascend on rocky slope
68,30	Top of ridge sloping S E from plateau 90 ft. above bottom of canon
	Descending on rocky slope facing S. and E
78,20	The cor. to secs. 29-30-31 and 32
	Land Mountainous
	Soil, gravely on plateau 2d rate; rocky in canon
	Timber scrubby pinion scattering; dense undergrowth of sage and thorn on plateau
	M d and 45 78,20 Chs. —

Subdivision of T 27 S R 2 E

Chains May 22: At this cor. I set off 20° 28' N on the decl. arc; and at 11h 56' a.m. 7.m.t. observed the sun on the meridian; the resulting lat. is 38° 26'

N 0° 3' W. bet. secs. 29 and 30
Ascending on rocky slope in scattering timber
17,50 Top of canon; enter sloping plateau and ascend gradually
Leave timber
32,30 County road from Rabbit Valley to Grass Valley course E and W.
Ascending on steep rocky slope facing S.
40,00 Set a lava stone 18 x 12 x 7 ins 12 ins in the ground 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
56,00 Top of ridge course N.W. and E 280 ft. above 1/4 sec cor.
Descending in timber on broken slope
73,00 Leave timber
80,00 Set a lava stone 18 x 13 x 9 ins. 12 ins. in the ground for cor. to secs 19-20-29 and 30 marked with 2 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
This cor stands on slope facing N E. at about the same elevation at the 1/4 sec. cor.
Land Mountainous
Soil rocky and gravely 3d rate
Timber scrubby pinion
Mountainous land 80,00 chs. —

East on a random line bet. secs. 20 and 29
40,00 Set temp 1/4 sec cor.
81,32 Intersect N. and S. line 35 lks. N. of cor. to secs. 20-21-28 and 29
Thence I run
N 89° 45' W on a true line bet. secs. 20 and 29
Ascending on slope facing E
10,00 Enter scattering timber
26,85 Top of ridge course N.W. and S.E. 190 ft. above cor.
Descending; leave timber
40,16 Set a trachyte stone 18 x 10 x 7 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
59,55 [illegible] S. [illegible]

Subdivision of T 27 S R 26 E

Chains — Ascend on ridge closing S.

65,00 — Descend to gulch

76,40 — Bottom of gulch course S.E 50 ft. deep
Ascend

80,32 — The cor. to secs. 19-20-29 and 30
Land Mountainous
Soil gravely 2d rate
Timber, scrubby pinion scattering
Mountainous land 80,32 chs. -

West on a random line bet. secs. 19 and 30

4,00 — Set stone 1/4 sec. cor.

77,64 — Intersect W. bdy of Tp. 24 chs S of cor. to secs. 19
24-25 and 30
Thence S 89° 30' E on a true line bet. secs. 19 and 30
Ascending on broken slope facing S

37,64 — Set a hickory stone, 8 x 4 x 7 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 1 ft. high
N of cor. - Pits inspectionable. -

40,90 — Enter, scattering timber, mainly cedar

42,50 — Top of ridge course N.W. and S.E. 320 ft. above sec cor.
on Tp line
Descending on broken slope

74,00 — Leave scattering cedars.

77,64 — The cor. to secs. 19-20-29 and 30
This cor stands at nearly the same elevation as cor
on Tp line 1 mile W.
Land Mountainous
Soil, gravely and rocky 3d rate
Timber, cedar and pinion scattering
Mountainous land 77.64 chs. -

May 22, 1895

N 0° 3' W. bet secs. 19 and 20
Ascending

4,64 — Bottom of gulch. 50 ft. below cor. course S.E.

7,00 — Enter timber, and ascend on broken ground

30,00 — Top of ridge course E and W. 360 ft. above cor.
Descend on steep slope facing N
Leave timber

Subdivision of T 27 S R 2 E

Chains	
40,00	Set a lava stone 17×12×4 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. This cor. stands on slope facing N 170 ft. below top of ridge
60,70	Bottom gulch course S E 220 ft. below 1/4 sec. cor. Ascend
78,50	Enter timber
80,00	Set a lava stone 18×12×9 ins. 12 ins. in the ground for cor. to secs. 17-18-19 and 20 marked with 3 notches on S. and 5 notches on E edges from which A pinion tree 6 ins. diam. bears N 49°15' W 5 lks. dist. marked T 27 S R 2 E S 18 13 T A pinion tree 6 ins. diam. bears S 46°10' W. 21 lks. dist. marked T. 27 S. R. 2 E. S. 19 13. T. A cedar tree 10 ins. diam. bears S 46° E. 93 lks. dist. marked T 27 S R 2 E S 20 13 T No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. This cor. stands on rocky slope facing S 200 ft. above bottom of gulch and about 170 ft. above cor. to secs. 19-20-29 and 30. - Land mountainous Soil gravely and rocky 2d and 3d rate Timber pinion and cedar mostly scattering Mountainous land 80,00 chs. -
	S 89°45' E on a random line bet. secs. 17 and 20
40,00	Set. temp. 1/4 sec. cor. -
80,45	Intersect N and S line 5 lks. S of cor. to secs. 16-17-20 and 21. - Thence Trun N. 89°47' W. on a tree line bet. secs. 17 and 20 Descending gradually
9,80	Bottom of ravine course S 45 ft. deep; thence over broken rolling slope facing S
40,22	Set a lava stone 18×10×6 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. - Descending [illegible]

Subdivisions of T 27 S R 2 E

Chains	
49,42	Wood road; in bottom of gulch course S.E. 60 ft. deep.
	Ascend
66,85	Road from Rabbit Valley to Fish Lake course N.W. and S.E.
69,55	Top of ridge 125 ft. high course N.W. and S.E.
	Descending on rocky slope in scattering timber
80,45	The cor. to secs. 17-18-19 and 20
	Land Mountainous broken and rolling
	Soil gravely and stony 2d rate
	Timber pinion and cedar scattering
	Mountainous land 80,45 chs
	N 89°50' W. on a random line bet. secs. 18 and 19
40,00	Set temp. 1/4 sec. cor.
78,14	Intersect W. bdy of Tp. 3 Chs. N. of cor. to secs. 13-18-19 and 24
	Thence I run
	S 89°51' E on a true line bet. secs. 18 and 19
	Descending on slope facing N E
13,50	Bottom of gulch course S E 160 ft. deep; thence on broken rolling slope facing S.W. ascending gradually
38,14	Set a lava stone 17 x 11 x 7 ins. 12 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. —
57,80	Enter scattering timber
78,14	The cor. to secs. 17-18-19 and 20
	Land mountainous rolling and broken
	Soil gravely 2d rate
	Timber scrubby pinion scattering
	Mountainous land 78,14 chs. -
	May 23: At this cor. I set off 20°39' N. on the decl. arc; and at 11h 56' 30" a.m. T.m.T. observe the sun on the meridian the resulting lat. is 38° 28'
	N 0° 3' W bet. secs 17 and 18
	Ascending in timber
10,50	Top of ridge course N.W. and S.E. 90 ft. high
	Descend
15,85	Road from Rabbit Valley to Fish Lake course N.W. and S.E.
28,10	Bottom of gulch course S E 65 ft. deep; thence ascending a broken slope [illegible] S.

Subdivision of T. 27 S. R 2 E

chains

4,00 Set a trachyte stone 21 x 9 x 9 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; from which
A pinion tree 6 ins. diam. bears S. 26° 30' W. 80 lks. dist. marked 1/4 S 13 T.
A pinion tree 6 ins. diam. bears N. 8° E 70 lks dist. marked 1/4 S 13 T; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. —

78,80 Leave timber

80,00 Set a lava stone 20 x 12 x 9 ins. 13 ins. in the ground for cor. to secs 7-8-17 and 18 marked with 4 notches on S. and 5 notches on E edges; from which
A pinion tree 4 in. diam. bears S 60° 10' W. 41 lks. dist. marked T 27 S R 2 E S. 18 13. T.
A pinion tree 9 ins. diam. bears S 49° 15' E 50 lks. dist. marked T. 27 S. R. 2 E. S. 17 13 T
A pinion tree 5 ins. diam. bears N 39° 15' E 42 lks. dist. marked T 27 S R 2 E S 8 13. T.
No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. —
This cor stands 6 50 ft. above cor to secs. 17-18-19 and 20
Land mountainous
Soil gravely 2d rate
Timber pinion and cedar
Mountainous land 8,00 chs.

S 89° 47' E on a random line bet. secs. 8 and 17

4,00 Set temp. sec. cor. —

80,36 Intersect N and S. line 30 lks. S. of cor. to secs. 8-9-16 and 17
Thence N run
West on a true line bet. secs. 8 and 17
Descending; in timber

1,82 Wood road. in bottom of gulch 40 ft. below cor.; course S W
Ascending, and cross point of ridge sloping S

11,90 Bottom of gulch course S. E. 30 ft. below cor.; thence
Ascending on slope facing N. E.

36,00 Leave timber

40,18 Set a lava stone 18 x 10 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.

Subdivision of T 27 S R 2 E

Chains	
	This cor. stands 4.50 ft. above cor. to secs. 8-9-16 and 17
42,20	Top of ridge course S.E. and N.W. 30 ft. above 1/4 sec. cor.
	Descending on broken slope, in timber
60,00	Bottom of ravine course S.E. 110 ft. deep; thence ascending
62,25	Leave timber and ascend on slope facing S.
80,36	The cor. to secs. 7-8-17 and 18
	Land Mountainous
	Soil gravely and stony 3d rate
	Timber; pinion and cedar
	Mountainous land 80,36 chs.—
	May 23: At 4 p.m. T.m.T. I set off 38°28'30" on the lat. arc and 20°41' on the decl. arc, and determine a true meridian with the solar at the cor. to secs. 7-8-17 and 18.-1 thence I run
	N 89°57' W on a random line bet. secs. 7 and 18
40,00	Set temp 1/4 sec. cor.
77,90	Intersect W. bdy of T p. 14 lks. N. of cor. to secs. 7-12-13 and 18
	Thence I run
	S 89°57' E on a true line bet. secs. 7 and 18
	Ascending gradually on broken slope facing S
37,90	Set a lava 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 stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable.—
43,00	Enter scattering timber
77,90	The cor to secs. 7-8-17 and 18
	This cor. stands 180 ft. above cor. to secs. 7-12-13 and 18
	Land Mountainous rolling and broken
	Soil gravely 2d rate
	Timber scrubby pinion scattering
	Mountainous land 77,90 chs.—
	May 23, 1895
	May 24: At 7h 40m a.m. T.m.T. I set off 38°28'30" on the lat. arc and 20°49' N. on the decl. arc and determine a true meridian with the solar at the cor. to secs. 7-8-17 and 18
	Thence I run
	N. 0° 3' W. bet. secs. 7 and 8
	Ascending on

Subdivision of T 27 S R 2 E

chains	
11,35	Top of ascent 300 ft. above cor.: enter broken plateau running nearly E and W
22,00	Descend on steep slope facing N.
40,00	A stationary stone 30 x 24 x 24 ins. above 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 inspectionable
46,48	Bottom of gulch course S 70° E 400 ft. deep. Ascending on rocky ridge sloping W. in timber
53,00	Top of slope; thence descending gradually on slope facing W.
71,05	Bottom of gulch course nearly S.; thence along bottom of gulch ascending gradually; heavy timber.
78,50	Rocky cliff 30 ft. high facing W. on line
80,00	Set a lava stone 22 x 10 x 7 ins. 16 ins. in the ground for cor. to sec. 5-6-7 and 8 marked with 6 notches on S. and E. edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits inspectionable This cor. stands in the bottom of a narrow gulch running S. and about 100 ft. above cor. to secs. 7-8-17 and 18 Land mountainous Soil gravely and stony 3d rate Timber scrubby pinion Mountainous land 80,00 chs. —

	East on a random line bet. secs. 5 and 8
40,00	Set temp. 1/4 sec. cor.
80,00	Intersect N. and S. line 10 lks. S of cor to sec. 4-5-8 and 9 Thence 0 runs S 89° 56' W. on a true line bet. secs. 5 and 8 Descending on broken slope
16,13	Bottom of gulch course S 190 ft. below cor Ascending
32,00	Top of slope enter broken plateau
40,00	Set a lava stone 18 x 12 x 9 ins. 12 ins. in the ground for 1/4 sec. cor. marked ¼ on N. face; raised a mound of stones 2 ft base 1½ ft. high N. of cor.- Pits inspectionable
63,00	Edge of plateau; descending on steep rocky slope. Enter timber
80,00	The cor. to secs. 5-6-7 and 8 Land Mountainous Soil and 2d 3d rate

Chains	Timber scrubby cedar and pinion scattering
	Mountainous land 8.00 chs. —
	N 8° 57' W on a random line bet. secs 6 and 7
4.00	Set stone 1/4 sec. cor.
7.06	Enters S. bdy of Tp. 8 chs N. of cor to secs 1-6-7 and 12. —
	Thence S. over
	East on a true line bet. secs 6 and 7
	On bottom slope facing S.
16.00	Ascend on rocky slope
18.25	Bottom of narrow gulch course S. 90 ft. deep
	Ascending on rocky slope
22.90	Top of slope; thence on rolling plateau descending gradually
38.06	Set a lava stone 18 x 12 x 4 inc. 12 inc. 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
66.00	Bottom of gulch 60 ft. deep course S. E.
	Ascend and cross point of ridge sloping S.
77.10	Bottom of gulch: thence in gulch
78.06	The cor. to secs. 6-6-7 and 8
	This cor stands 230 ft. below cor 4 secs 1-6-7 and 12
	land, mountainous, rolling
	Soil gravelly and rocky 2d and 3d rate —
	No timber
	Mountainous land 78.06 chs.
	May 24: at this cor. O set off 20° 50' E. on the declination and at 11h 6m 7s a.m. T.M.P. — observed the sun on the meridian; the resulting lat. is 38° 29''
	N 0° 3' W on a random line bet. secs 5 and 6
4.00	Set stone 1/4 sec. cor.
81.25	Enters N. bdy of Tp. 37 chs. W of cor to secs. 5-6-31 and 32 which is a stone firmly set marked and witnessed as described by the surveyor general.
	Thence S. over
	S 0° 13' E on a true line bet. secs. 5 and 6
	Ascending on bottom slope facing S. —
2.00	Enter bottom plateau
4.00	Set a lava stone 18 x 12 x 6 inc. 12 inc. 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

Subdivision of T. 27 S. R 2 E

Chains

4,00 Descend on broken slope facing S.W

7.6,50 Enter Bottom of gulch course S; descending gradually

80,28 The cor. to secs. 5-6-7 and 8

Thin cor stands 5 00 ft. below cor. to secs. 5-6-31 and 32

Land mountainous broken and rolling

Soil gravely and stony 3d rate

No timber

Mountainous land 80,28 chs

May 24, 1895 - 2 p.m.

General Description

This portion of this township covered by the present survey is all mountainous land and not suited for cultivation, but nearly all of it has a strong soil and produces an abundance of nutritious grasses without irrigation; and affords excellent pasture for stock of all kinds as evidenced by great numbers encountered in the course of my survey. —

A great portion of the township is covered with a scattering growth of pinion and cedar timber mostly of small size. —

There are no mines nor quarries of any kind in the township nor did I find any indications of mineral veins or deposites

The township is watered by two small streams, and in the spring and early summer by tiny rivulets emanating from numerous melting snow banks in the higher portion; these however are not permanent but disappear with the snow. —

There are no settlers in this portion of the township T. W. Shinn has a claim in N.E ¼ of sec. 24 and a small piece under cultivation but his residence is in sec. 19 T. 27 S. R 3 E.

Applicants for survey of this township Jas. and H J Mc Clelland have a ranch in sec. 34 and wish to secure a portion of sec. 36 when it shall become open to entry Applicant Albert Stevens claim is located north of this township and will be referred to later in this survey The application was made in good faith but based on

[illegible] of township

Subdivisions of T 27 S R 26

Everywhere in this township I noticed a strong local attraction amounting in places to several degrees which I determined was due to numerous boulders of all sizes covering the surface, and which are composed of a very dark volcanic rock carrying a high percentage of iron; These boulders have no doubt been deposited by glaciers and glacial action is everywhere visible. —

Andrew P Hanson
U.S. Deputy Surveyor

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L. O. an S.

A list of the names of the individuals employed by Andrew P. Hanson, U. S. Deputy Surveyor, to assist in running, measuring, and ...king the lines and corners described in the foregoing field notes of the survey of the subdivision lines of Tp. 27 S. R. 2 E.

Salt Lake Base and Meridian, in Utah, showing respective capacities in which they acted:

Andrew F. Riefner	Chainman
Wm H. Trone	Chainman
Joshua Gardner	Axeman
Wm P. Wise Keever	Axeman
Ray Davies	Flagman

Final Oath of Assistants:

We hereby certify that we assisted ..., U. S. Deputy Surveyor, in surveying all ...se parts or portions of the ..., Meridian, ..., as are represented in the ...egoing field notes as having been surveyed by him and under his direction; and that said survey has been in all ...pects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, ...ording to the instructions furnished by the U. S. Surveyor General for ...

...bscribed and sworn to before me this ... day of ..., 18 .

SEAL

6—151

ma a) o . .

I, ..., U. S. Deputy Survey

solemnly swear that, in pursuance of instructions received from ....,

Surveyor General for ...., bearing date of the...............................d

...., 18 , I have well, faithfully, and truly, in my own proper person, and in

conformity with the instructions furnished by the U. S. Surveyor General for ....

surveying manual, and the laws of the United States, surveyed all those parts or portions of ....

....

....

....

....

............................Meridian, in the..., as are represented in th going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear th the corners of said survey have been established and perpetuated in strict accordance with the surveying m printed instructions, the special written instructions of the U. S. Surveyor General for............................... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such s and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Co approved August 8, 1846.

Andrew P. Hanson

U. S. Deputy Surv

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

SEAL

....

....

Approval.

Office of the U. S. Surveyor General,

Salt Lake City Utah May 23rd, 189

The foregoing field notes of the survey of the subdivision of Tp 27 South Range 2 East of the Salt Lake Base Meridian, Utah

....

....

....

....

....execu

Andrew P. Hanson

under his Contract No. 198, dated March 4th, 1895, having been er examined, the necessary corrections and explanations made, the said field notes, and the surveys they descri hereby approved.

Geo. ...

U. S. 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.

....

U. S. Surveyor Gen

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(4—679.)

6.7.B.

BOOK A-239

FIELD NOTES

OF THE SURVEY OF

East Boundary

of

Township 26 South Range 3 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Andrew P. Hansow, U. S. Deputy Surveyor,

Under his Contract No. 198, dated March 4, 1895.

Survey commenced May 25, 1895.

Survey completed May 25, 1895.

(SC 20—2,000.) 6—151

Andrew F. Riefen Chainsman

Wm S. Trone Chainman

Joshua Gardner Axeman

Wm P. McKeever Flagman

Volume

#

R0239

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BOOK A-239

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Meanders Page.....

We, _____

_____

_____

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

_____

_____

_____

_____

_____, *Chainman*

_____, *Chainman*

_____, *Chainman*

_____, *Chainma*

Subscribed and sworn to before me this _____
day of _____, 18 .

_____

_____

We, _____

_____

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

_____

_____

_____

_____

Subscribed and sworn to before me this _____
day of _____, 18 .

_____, *Axema*

_____, *Axema*

_____

_____

_____

East boundary of T 26 S R 3 E

Chains

Survey commenced May 25. 1895 and executed with a W & L E Gurley light mountain transit No 7 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 March 16, 1895. –

Note: Having adjusted my instrument, an tested it May 24. on a true meridian established by observation on Polaris in connection with the survey of Tp. 27 S. R. 2 E. and found it correct, I deem it unnecessary to observe Polaris for the survey of this township, therefor. – May 25: at 7h 50m a.m. 7 m 8 I set off 38° 30' on the lat. arc and 21° 0' N. on the decl. arc; and determine a true meridian with the solar at the cor. to Tps. 26 and 27 S. Rs 3 and 4 E in Lat. 38° 30' N long. 111° 34' W. as set by me under this contract May. 9. 1895

The magnetic bearing of the true meridian at 8h 0m a.m. is N 16° 2' W.; the angle thus determined reduced by the table page 100, gives the mean mag. decl. 15° 58' E

From the Tp cor. above described I run

North bet. secs. 31 and 36

Descending gradually over rolling slope: in dense undergrowth

21,80 Wood road to canon course N. E.

25,12 Road from Rabbit Valley to castle Valley course N E and S W

40,00 Set a lava stone 18 X 11 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. –

51,70 Edge of ravine; descending steep slope

53,72 Stream 3 lks. wide course N.W. in bottom of ravine 100 ft. deep

56,25 Ascending

60,50 Top of ravine and ridge course N.W. 120 ft above stream

Descending on rolling slope

80,00 Set a lava stone 20 X 12 X 8 ins. 15 ins. in the ground for cor. to secs. 25-30-31 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 300 ft. lower than Tps. cor.

chains	Soil gravely alluvial wash 2d rate
	No timber ; dense undergrowth of sagebrush and thorn
	Mountainous land and dense undergrowth 80,00 chs.
	North bet. secs. 25 and 30
	Descending on broken slope facing N.W. in dense undergrowth
37,87	Dry wash in bottom of ravine 40 ft. deep course W.
	Ascending
40,00	Set a lava stone 18 x 10 x 9 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 unfeasible
44,00	Top of ridge 50 ft. high course E. and W. - sloping W. to river
	Descend
57,35	Road from Rabbit Valley to Castle Valley course N.W. and S.E.
	Thence on steep slope, descending ; leave dense undergrowth
70,55	Same road runs N.E. ; in bottom of gulch ; old cabin bears West 5 ; secs
	Descending gradually
73,45	Stream 6 lks. wide flows S.W. in bottom of narrow gulch 70 ft.
	Ascending gradually in bottom of gulch in miry swamp
76,50	Leave bottom of gulch and ascend on broken slope
80,00	Set a lava stone 20 x 12 x 9 ins. 13 ins. in the ground for cor. to 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 unfeasible
	This cor stands on slope facing S.E. 85 ft. above stream and 280 ft. below cor. to secs. 25 - 30 - 31 and 36
	Land mountainous broken and rolling
	Soil gravely wash 2d rate
	No timber ; dense undergrowth of sagebrush and thorn
	Mountainous land, and dense undergrowth 80,00 chs.
	North bet. secs. 19 and 24
	Ascending on broken slope facing S.E.
40,00	Set a lava stone 18 x 11 x 8 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 unfeasible. -
44,00	Top of slope ; thence descending steep slope facing N.
49,10	Bottom of gulch course E. 110 ft. deep
	Ascend
63,50	Top of ridge course E and W 320 ft. above bottom of gulch
	Descend
68,00	On bottom of gulch 25 ft. deep course E

East boundary of T. 26 S R 3 E

Chains	Ascending
87,00	Set a lava stone 24x18x13 in. 18 in. in the ground for cor. to secs. 13-18-19 and 24 marked with 3 notches on N. and S. edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable. —
	This cor. stands on slope facing S, and 480 feet above cor. to secs. 19-24-25 and 30.
	Land Mountainous broken and rolling
	Soil gravely and rocky 2d and 3d rate
	No timber;
	Mountainous land 80,00 Chs. —
	May 25: At this cor I set 21°01' N. on the deck. and at 11h 57' a m 7. m. 7 observed the sun on the the resulting lat. is 38° 33' N.
	North bet. secs. 13 and 18
	Ascending on broken slope
5,00	Top of ridge 90 ft. above cor. course E and W
	Descend to canon on slope facing N
28,45	Bottom of canon 300 ft. deep course from N W to E
	A wood road runs along bottom of canon
	Ascend on rocky slope
40,00	Set a lava stone 18x14x7 in. 12 in. in the ground for ¼ sec. cor. marked ¼ on W. face; raised a mo of stones 2 ft. base 1½ ft. high W. of cor. Pits impract. This cor. stands on slope facing S W. 250 ft. above bottom of canon. —
44,85	Top of ridge course N W and S E 100 ft above ¼ sec. cor.
	Descending on slope facing E
62,10	Head of gulch course E thence ascending on broken slope
80,00	Set a lava stone 18x13x8 in. 12 in. in the gro for cor. to secs. 7-12-13 and 18 marked with 4 note on S and 2 notches on N. edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impract. This cor. stands 200 ft. above cor to secs. 13-18-19 and 24
	Land Mountainous
	Soil gravely and rocky 3d rate
	No timber
	Mountainous land 80,00 Chs.

East boundary of T. 26 S. R. 3 E.

chains Ascending

8,50 Top of ridge course N W and S E 130 ft. above cor. Descend on slope facing N E in slide rock

15,75 Leave slide rock

31,90 Bottom of cañon course S E 350 ft. deep; thence in slide rock Ascending on side of cañon

40,00 Set a lava stone 18 x 12 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 ft. base 1½ ft. high W. of cor. Pits impaired This cor stands on slope facing S W to cañon 20 ft. bottom of same. —

57,15 Ascending gradually on broken slope; leave slide rock

— 80,00 Set a lava stone 18 x 10 x 6 ins. 12 ins. in the ground for cor. to secs. 1-6-7 and 12 marked with 5 notches on S. and 1 notch on N. edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable This cor. stands 175 ft. above cor. to secs. 7-12-13 and 18

Land mountainous
Soil rocky and gravelly 3d rate
No timber
Mountainous land 80,00 Chs.

N W cor. bet. secs 1 and 6
Ascending on rolling broken slope facing S

28,10 Top of ridge course E and W 300 ft. above cor. Descend on slope facing N

32,94 Bottom of gulch 90 ft. deep course E Ascending rocky slope

40,00 Set a lava stone 20 x 14 x 5 ins. 15 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. —

42,10 Enter aspen brake and ascend on rolling slope

46,20 Leave " "

68,70 Enter aspen brake

71,20 Leave " " in head of gulch draining E

— 76,72 Intersect 5th Standard Parallel South which in the N. bdy. of this Tp 3,62 chs. E of St. cor. to Tps 25 S Rs. 3 and 4 E. which is a stone firmly set marked and witnessed as described by the surveyor general:
Set a trachyte stone 24 x 13 x 9 ins. 18 ins. in the ground for closing cor. to townships 26 S. ranges 3 and 4 E.

East boundary of T 26 S. R 3 E.

Chains. Marked C.C. 26 S on S + E on E and 3 E on W. faces. : with 6 grooves on S. E and W. faces. : raised a mound of stones 2 ft. base 1½ ft. high S. of cor. —
Pitch impracticable
Land mountainous rolling and broken
Soil gravely and rocky 2d rate
Timber: patches of aspen brake of small size but dense
Mountainous land 76.72 chs

Note It is evident from the falling of this line and also the length of S. bdy. of this Tp.: both of which I am confident have been accurately run, I can not close exterior of this Tp. within the prescribed limits of lat. and dep.: which will necessitate a retracement and possibly a resurvey of a part or all of the N. W. bdys, but I conclude to proceed with the subdivision as far as practicable.—

To [illegible]

25. 1895

June 3: Having completed the subdivision of this Tp and made all the closings within the limits I feel confident that the error in exterior boundaries is mainly to be found in the most westerly mile of the 5th St. Parallel South forming the S bdy of sec. 31 and the northernmost mile of the Fremont Valley Guide Meridian or W. bdy. of sec. 6. hence

At the Standard cor. to secs. 31 and 32 on N. bdy of Tp as herein before described, at 2h 10 m pm. I.m.T. 3: I set off 38' 36" in the Lat. and 22° 23' N. on the dec. arc: and determine a true meridian with the solar: thence using two sets of chainmen to insure accuracy, and to which I administer the proper preliminary and final oaths; I run West on the 5th Standard Parallel South, on S. bdy of sec 31 on retracement line, and in order to determine the actual length and bearing of this line.
Ascending on rough broken ground in heavy timbered
40.00 I reach diligently for the Standard ¼ sec cor. but no traces of it can be found within a radius of 400 chs. hence I continue my line
47.00 ascending on steep rocky slope
74.16 The Standard cor. to Tps. 25 and 26 S Rs. 2 and 3 E bears S. 42 lks. dist: The same being a stone firmly

Chains

The actual length of this line is therefor 74.16 Chs. which distance will be used in closing in connection with the original survey for the remainder of the N. bdy. and the falling being within the limits I deem it unnecessary to make a resurvey of this line and shall use the original course in my calculations

June 3, 1895

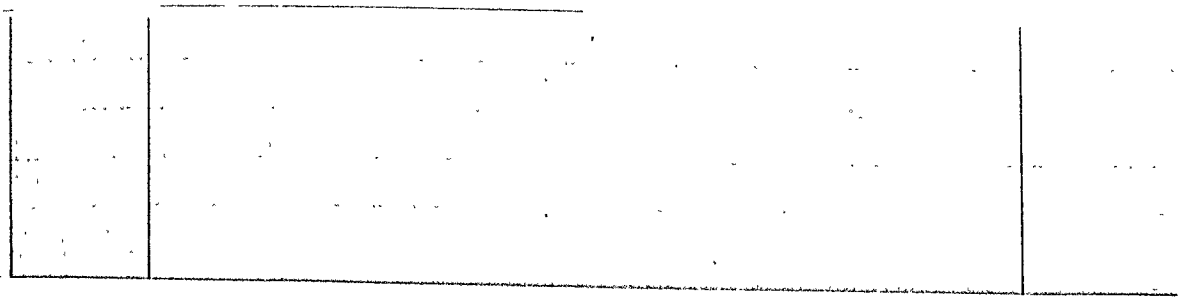
Boundaries of T. 26 S. R. 3 E.

Latitudes Departures and closing errors

Line Designation	True bearing	Distance	Lat. N	Lat. S	Dep. E	Dep. W.
		Chs	Chs	Chs	Chs	Chs.
5th Standard Parallel South	East (West)	477.78 ✓				477.78 ✓
Fremont Valley Guide Mer.	South	480.00 ✓		480.00		
N. bdy T 27 S R 3 E	N 89° 58' E	485.44 ✓	.30 ✓		475.44 ✓	
E. bdy T 26 S R 3 E	North	476.72	476.72 ✓			
Convergency						.58 ✓
Totals			477.02	480.00	475.44	478.36
				477.02		475.44
Errors in Lat				2.98 S	in dep.	2.92 ✓

This township is composed of rough mountainous land excepting a small amount of bottom land along the Fremont River and East Fork. The township is well watered and about half of it covered with timber. The soil is very fertile and affords excellent pasture without irrigation. The township should be subdivided.

Andrew P. Hanson
U. S. Deputy Surveyor



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A list of the names of the individuals employed by Andrew P. S. Sanson, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the East boundary of Township 2 S. Range 8 E.

Sixth Meridian and Meridian, in Illinois, showing respective capacities in which they acted:

Andrew P. Sanson	Chainman
Wm. L. Tyrre	Chainman
[illegible]	Artman
[illegible]	Flagman

Final Oath of Assistants:

We hereby certify that we assisted , U. S. Deputy Surveyor, in surveying all those parts or portions of the

Meridian, , as 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 U. S. Surveyor General for

Subscribed and sworn to before me this , day of , 18

I, ..., U. S. Deputy Survey
solemnly swear that, in pursuance of instructions received from .....,
Surveyor General for ....., bearing date of the .....
....., 18 , I have well, faithfully, and truly, in my own proper person, and in
conformity with the instructions furnished by the U. S. Surveyor General for .....
surveying manual, and the laws of the United States, surveyed all those parts or portions of .....

.....Meridian, in the ....., as are represented in th
going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear th
the corners of said survey have been established and perpetuated in strict accordance with the surveying m
printed instructions, the special written instructions of the U. S. Surveyor General for.....
and in the specific manner described in the field notes, and that the foregoing are the true field notes of such su
and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Co
approved August 8, 1846.

Andrew P. Hanson
U. S. Deputy Surv

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

SEAL

Approval.

Office of the U. S. Surveyor General,
Salt Lake City Utah May 23, 189

The foregoing field notes of the survey of the East Boundary I
26 South Range 3 East of the Salt Lake B
and Meridian Utah

..... execu
Andrew P. Hanson
under his Contract No. 198, dated March 4th, 1895, having been cri
examined, the necessary corrections and explanations made, the said field notes, and the surveys they descri
hereby approved.

U. S. 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.

U. S. Surveyor Gen

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(4—679.)

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BOOK A-239

FIELD NOTES

OF THE SURVEY OF

Subdivision Lines

of

Township No. 25 South Range No. 1 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Andrew P. Hanson, U. S. Deputy Surveyor,

Under his Contract No. 198, dated March 4, 1895.

Survey commenced June 13, 1895.

Survey completed June 20, 1895.

(8620—2,000.) 6—151

4 42 37 14
3 37 50
40 09

Sta. Cont. 367.36

Andrew F Riepen Chainman

Wm H Trone "

G S Forsyth "

Joshua Gardner "

Wm P McKeever Flagman and axeman

6—151

BOOK A-233

INDEX DIAGRAM.

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

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30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page..... .....

We, I Joshua Gardner

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

Fifth Standard Parallel South through Ranges 1 and East —

Joshua Gardner, Chainman

....., Chainman

....., Chainman

....., Chainman.

Subscribed and sworn to before me this 12th day of June, 1895

Andrew P. Hanson

U.S. Deputy Surveyor

We, ...

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

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

....., Axeman.

....., Axeman.

Resurvey of 5th Standard Parallel South through Range 1 E

chains

Survey commenced June 13, 1895 and executed with a W & L.E. Gurley light mountain transit No 7 with solar attachment. — The horizontal limb is provided with two double verniers placed opposite to each other reading to single minutes of arc. which is also the least count of the verniers of the latitude and declination arcs. —

The instrument was examined, tested on the true meridian at Salt Lake City found correct and was approved by the Surveyor General for Utah March 14, 1895. —

Preliminary to commencing the subdivision of this township I run west on a blank line on S. bdy. of sec. 36: at 40,00 chs. no signs of old standard 1/4 sec. cor. can be found after diligent search and at 78,59 chs. the 31/4 cor. of secs. 35 and 36 bears N. 6 lks. dist.: thence I continue my line West, find the alignment good and the corners in a fair state of preservation but the measurement short between every corner At 5 miles 65,20 chs. I intersect the Salt Lake Meridian at cor. of Tps 2S and 2S. RS 1 E and 1 W. and as the two westernmost sections on the north of this line have been subdivided I resurvey the remainder of S. bdy. of Tp. as follows. —

From the Standard cor. of Tps. 2S S RS 1 and 2 E which is a stone firmly set marked and witnessed as described by the surveyor general. I run

West on S. bdy. of sec. 36

Descending gradually on Fish Lake Plateau in scattering timber. -

15,70 Begin descent on steep N.W. slope leaving plateau

Difference between measurements of 40,00 chs by two rods of chainmen is 14 lks.; position of middle point

By 1st set. 40,07

By 2d set. 39,93 : the mean of which is

40,00 set a trachyte stone 17x9x6 ins 12 ins in the ground for standard 1/4 sec. cor. marked S C 1/4 on N. face: raised a mound of stones 2 ft. base 1½ ft. high W of cor. Pits impracticable. -

After a diligent search no traces of old S 1/4 sec. cor. can be found

Difference between measurements of 80,00 by two rods of chainmen is 20 lks.: position of middle point

y .800

chains By 2d set. 79,90 the mean of which is

80,00 Set a trachyte stone 18 x 9 x 5 ins. 12 ins. in the gro for standard cor. of secs. 35 and 36 marked S.C. on N. with 1 groove on on E and 5 grooves on W. faces. from W.
A pine tree 11 ins. diam. bears N 71°10' E 32 lks. dist. marked T 25 S R 1 E S 36 B.T.
A pine tree 13 ins. diam. bears. N 76°50' W. 41 lks. dist. marked T 25 S R 1 E S 35 B.T.
Old Sh cor. of secs. 35 and 36 bears N 89°34' E 1.42 lks. dist, I destroy cor.
Land mountainous
Soil rocky and gravely 3d rate.
Timber pine mostly scattering

West on S bdy of sec. 35
Descending on broken slope in timber
Difference between measurements of 40,00 chs by two sets 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 lava stone 18 x 9 x 5 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 stones 2 ft. base 1½ ft. high N of cor.
Pits impracticable --
no natural bearing objects could be obtained within limits
A diligent search failed to discover any traces of the old Standard 1/4 sec cor. -
Difference between measurements of 80,00 chs. by two sets of chainmen is 12 lks.: position of middle point
By 1st set 80,06 chs
B 2nd set 79,94 chs. the mean of which is

80,00 Set a trachyte stone 18 x 10 x 6 ins. 12 ins. in the g for standard cor. of secs. 34 and 35 marked S.C on with 2 grooves on E and 4 grooves on W. faces.: raised a mound of stones 2 ft. base 1½ ft. high N of cor. -
Pits impracticable. -
The old standard cor. of secs. 34 and 35 bears E 2,95 chs.
I destroy all traces of old cor.
Land Mountainous
Soil gravely and rocky 3d rate
Timber aspen of small size and a few pines scattering

West on S. bdy. of sec. 34
Descending in scatt timber on N

Resurvey of 5th Standard Parallel South through Range 1 E

chains	
7,00	Bottom of ravine 70 ft. deep course N. 25° W.
	Begin ascent
13,00	Top of ridge 120 ft. high bears N.W. and S.E.
	Descending on S.W. slope
	Difference between measurements of 40,00 chs by two sets
	of chainmen is 8 lks.; position of middle point
	By 1st set 4004
	By 2nd set 3996 the mean of which is
40,00	set a hackyle stone 20 x 11 x 6 in. 13 in. in the ground
	for standard ¼ sec. cor. marked S.C. ¼ on N. face, and
	raised a mound of stone 2 ft. base 1½ ft. high N. of cor.
	Pits inspected. —
	The old standard ¼ sec. cor. bears S 89° 58' E 2,40 chs. dist.
	I destroy all traces of said cor.
42,50	Bottom of gulch 200 ft. deep course N. 70° W. thence
	descending on N. slope in dense timber
	Difference between measurements of 80,00 chs by two sets
	of chainmen is 16 lks.; position of middle point.
	By 1st set 8008
	By 2nd set 7992 the mean of which is
80,00	set a hackyle stone 11 x 9 x 6 in. 12 in. in the
	ground for standard cor. of secs. 33 and 34 marked
	S.C. and with 3 grooves on E and W. faces from which
	A pine tree 5 in. diam bears N. 17° 14' W. 13 lks. dist.
	marked T 25 S R 1 E S 33 B.T.
	A pine tree 4 in. diam. bears N. 17° 30' E 17 lks.
	dist marked T 25 S R 1 E S 34 B.T.
	The old standard cor. of secs. 33 and 34 bears S. 89° 57' E
	7,74 chs. dist.; I destroy all traces of said cor.
	Land mountainous
	Soil gravelly and rocky 3d rate
	Timber, pine, aspen and mountain mahogany, mostly
	of small size

	West on S. bdy. of sec. 33
	Descending on bottom N.W. slope in timber
9,80	Bottom of gulch 120 ft. deep course S.W.
	Begin ascent on rocky slope bears timber
18,00	Top of spur sloping S. to gulch thence descending on
	slope S. and W. broken and rocky. —
	Difference between measurements of 40,00 chs. by two

chains	sets 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	set a large stone 18 x 10 x 5 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 stones 2 ft. base 1/2 ft. height N. of cor. - Pits impracticable. -
	The old standard 1/4 sec. cor. bears S 89° 55' E 10,26 chs. dist. I destroy all traces of said cor.
	Difference between measurements of 67,36 chs. by two sets of chainmen is 14 lks.; position of middle point
	By 1st set 67,43 chs.
	By 2nd 67,29 chs. the mean of which is
67,36	Intersect old standard cor. of secs. 32 and 33 which is a stone firmly set marked and witnessed as described by the Surveyor General
	land mountainous.
	Soil rocky and gravelly 3d rate -
	Timber aspen and pine of small size on c. 9,80 chs. balance scattering scrubby pinion and mountain mahogany. -
	June 13, 1895.

Subdivision of T 25 S R 1 E

[illegible]	June 14: At 8h 30m a.m. I.m.T. I set off 38'36' on the lat. arc and 23°18' N. on the decl. arc and determine a true meridian with the solar at the standard cor. to secs. 35 and 36 on S. bdy of Tp. 25 S. R. 1 E. so established by me
	Thence I run
	N 0°1' W. bet. secs. 35 and 36
	Descending steep rocky slope in timber
10,20	Bottom of rocky canon 300 ft. below st. cor. course W. for 10 chs. thence N.W.
	Begin ascent on steep rocky slope S.W.
30,00	Leave timber
4,00	Set a lava stone 30×12×7 ins. 24 ins. in ground and mound of stones 3 ft. base for 1/4 sec. cor. marked 1/4 on W. face; Pits impracticable. –
	No natural bearing objects could be obtained within limits. –
	This cor. stands on W. slope about 15 chs. W. of edge of plateau
	Thence on rocky slope W.
56,00	Begin descent, enter timber
8,00	Set a lava stone 24×12×9 ins. 18 ins. in ground and mound of stones for cor. of secs. 25-26-35 and 36 marked with 1 notch on S and 1 notch on E. edges, from which
	A pine tree 11 ins. diam. bears S 54°38' E 11 lks. dist. marked T 25 S R 1 E S 36 B.T.
	A pine tree 9 ins. diam. bears S 18°54' W. 28 lks. dist. marked T 25 S R 1 E S 35 B.T.
	A pine tree 12 ins. diam. bears N 14°26' W 35 lks. dist. marked T 25 S R 1 E S 26 B.T.
	A pine tree 10 ins. diam. bears N 77°10' E 41 lks. dist. marked T 25 S R 1 E S 25 B.T.
	This cor. stands on N.W. slope in heavy timber, and on a level with the st. cor. of secs. 35 and 36
	Land mountainous
	Soil rocky
	Timber pine of large size and good quality
	Mountainous land 8000 chs.
	East on a random line bet. secs. 25 and 36
4,00	Set temp. 1/4 sec. cor.
8,00	Intersect E. bdy of Tp. 25 lks. S of cor. of secs. 25-30

Subdivision of T 25 S. R 1 E

Chains	31 and 36
	Thence 0 rem
	S 89° 49' W. on a true line bet. secs. 25 and 36
	Descending gradually on rolling plateau in scattering timber. –
30,00	Edge of precipice from N E to run W. thence along edge of precipice
31,20	Top of precipice 40 ft. deep. bears E and S.W. leave plateau and descend; leaving timber
36,00	Bottom of precipice thence in slide rock.
40,00	Set a lava stone 26 x 11 x 5 in. - 20 in. in ground and mound of stones for 1/4 sec cor. marked 1/4 on N face from which
	A pine tree 11 in. diam. bears N 25° 34' W. 43 lks. dist. marked 1/4 S.13.T.
	A pine tree 12 in. diam bears S 31° 30' E 38 lks. dist marked 1/4 S.13.T.
	This cor. stands at the bottom of the rock slide in edge of timber. –
	Enter timber and descend on N W slope
80,00	The cor. of secs. 25-26-35 and 36.
	This cor. stands 800 ft. below edge of plateau and 345 ft. below 1/4 sec cor. –
	Land Mountainous
	Soil rocky and gravelly 3d and 4th rate
	Timber pine, stunted and scattering on plateau, on slope heavy growth
	Mountainous land 80,00 chs.
	N 0° 1' W. bet secs. 25 and 26
	Descending on N W. slope, deep broken and gullied in pine timber
40,00	Set a trachyte stone 18 x 10 x 5 in. 12 in. in the ground for 1/4 sec cor. marked 1/4 on W. face from which
	A pine tree 8 in. diam: bears N 38° 17' E 42 lks. dist. marked 1/4 S.13.T.
	A pine tree 7 in. diam. bears S. 64° 11' W. 29 lks. dist. marked 1/4 S.13.T.
	This cor. stands 600 ft. below cor. to secs. 25-26-35 and 36
49,75	Bottom of gulch 200 ft. below 1/4 sec cor course N 75° W
	Begin ascent
61,00	Top of ridge bears E and W. : slopes W to canon

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

chains Descending gradually on W. slope. in aspen brake
80,00 Set a lava stone 18×10×6 in. 12 in. 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
of stones 2 ft. base 1½ ft. high W. of cor. —
Pits impracticable. —
This cor. stands on N slope in dense aspen brake
250 ft. below the 1/4 sec cor. on this line
Land mountainous
soil gravely and rocky 3d rate
Timber, pine on S. half; on N half aspen of s
size and scattering pine.
Mountainous land 80,00 chs. —
June 14: at this cor. I set off 23°18' N on the decl.
and at 12m 2.m.t. observe the sun on the meridian
The resulting lat. is 38°38' N.

N 89°49' E on a random line bet. secs. 24 and 25
40,00 set temp 1/4 sec cor.
80,16 Intersect E bdy of Tp 26 lks. N of cor. of secs. 19-24-
25 and 30 —
Thence I run
West on a true line bet. secs. 24 and 25
Descending on N.W. slope in timber
40,08 Set a lava stone 17×11×9 in. 12 in. in the gro d
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. —
No trees of proper size within limits
62,00 Descending on slope facing N to ravine
80,16 The cor. of secs. 23-24-25 and 26
This cor. stands 900 ft. below cor. to secs. 19-24-25 and 30
Land mountainous. broken and rugged
soil rocky and gravely 3d rate
Timber pine on eastern part. on western part asp
brake of small size but dense
Mountainous land 80,16 chs. —

N 0°1' W bet. secs. 23 and 24
Descending in aspen brake on W slope broken and gull
2,10 Bottom of ravine 50 ft. deep. course W.
" " " " " " "

Subdivision of T. 25 S. 13 1 E

Chains	
36,60	Ravine 50 ft. deep course W.
40,00	Set a trachyte stone 17 x 8 x 6 ins. 12 ins. in the gro 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
	This cor stands on W. slope in aspen brake 220 ft. below cor to secs 23-24-25 and 26
52,40	Spring 50 lks diam in head of gulch: flows W.
53,00	Leave brake and brush and descend gradually on W. slope
57,70	Enter aspen brake
72,15	Spring branch 4 lks wide flows W.
75,38	" " 5 lks " " "
80,00	Set a trachyte stone 18 x 9 x 7 ins. 12 ins. in the gro for cor. of secs. 13-14-23 and 24 marked with 3 notch 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 limits
	Land mountainous rolling and broken
	Soil gravely 3d rate
	Timber aspen of small size and a few pine scattering
	Mountainous land 80,00 chs.—
	East on a random line bet. secs. 13 and 24
40,00	Set temp. 1/4 sec. cor.
80,10	Intersect E. bdy of Tp. 37 lks. S of cor. of secs. 13-18-19 and 24
	Thence I run
	S 89°44' W on a true line bet. secs. 13 and 24
	Descending on N.W. slope in timber
40,05	Set a trachyte stone 18 x 10 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.—
	No trees of proper size within limits
80,10	The cor. of secs. 13-14-23 and 24
	This cor stands 615 ft. below cor to secs. 13-18-19 and 24
	Land mountainous broken and sloping
	Soil gravely 2d rate
	Timber Pine and aspen on east [illegible] on hall

Subdivisions of T. 25 S. R. 1 E.

Chains aspen brake and a few pine scattering
Mountainous land 80,10 chs. –

June 14. 1895

N 0°1' W. bet. secs. 13 and 14
Descending gradually in aspen brake
4,70 Leave brake bears N E and S.W. thence over rolling
30,05 Trail from Grass Valley to Seven Mile bears. N E and S.
40,00 Set a lava stone 24 x 9 x 6 in. 18 ins. in mound of 2 ft. base 1½ ft. high on rocky surface, for 1/4 sec. cor. marked 1/4 on W. face from which
An aspen tree 8 in. diam. bears. S 45° 8' W. 72 lks. marked 1/4 S B.T
No other trees within limits. – Pits impracticable
42,00 Edge of canon, descend on steep N. slope
63,10. Otter creek 12 lks. wide in bottom of canon course S. 200 ft. below 1/4 sec. cor. on this line. – This canon and its tributary watershed is locally known as Daniels Canon. –
Begin ascent on steep S E slope
74,00 Top of steep slope bears N E and S.W thence a gradually on bench 200 ft. above creek.
80,00 Set a trachyte stone 18 x 10 x 7 in. 12 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; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. –
Pits impracticable. –
Land Mountainous rolling and broken
Soil gravelly and rocky 2d and 3d rate –
Timber aspen brake in patches
Mountainous land 80,00 chs. –

N 89° 44' E on a random line bet. secs. 12 and 13
4000. Set temp. 1/4 sec. cor.
8000 Intersect E. bdy. of Tp 37 lks. N. of cor. of secs. 7-12-13 and 18
Thence I run
West on a true line bet. secs. 12 and 13
Descending on broken slope in scattering timber and brake
40,00 Set a trachyte stone 18 x 9 x 6 in. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; raised

Subdivision of T. 25 S R 1 E

Chains	
	Pits impracticable
46,00	Enter swampy bottom and spring branch 4 lks.
	Wide from N.E. thence in alder and willow brush
51,00	Spring branch from S.E turns W.
64,00	Leave stream and and swamp.
68,60	Otter creek 10 lks. wide in bottom of cañon course S 30° W.
	Begin ascent on S.E. slope; leave brush
76,00	Top of slope bears N.E and S.W. thence ascending gradually on bench 150 ft. above creek.
80,00	The cor. of secs. 11-12-13 and 14
	Land mountainous rolling and broken
	Soil gravely and marshy 2nd and 3d rate
	Timber aspen of small size in bunches.
	Dense undergrowth of alder and willow
	Mountainous land and dense undergrowth 80,00 chs.
	N.0°1'W. bet. secs. 11 and 12
	Ascending gradually on sloping bench
4,60	Begin ascent on S.E. slope in aspen brake
40,00	Set a lava stone 18x7x6 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
	No trees of proper size within distance
70,00	Leave aspen brake
78,00	Enter aspen timber
80,00	Set a trachyte stone 18x10x6 ins. 12 ins. in the ground and mound of stones 2 ft. base on rocky surface. for cor. of secs. 1-2-11 and 12 marked with 5 notches on S and 1 notch on E. edges from which
	An aspen tree 10 ins. diam. bears N 57°40' W. 41 lks. dist. marked T. 25 S R 1 E S 2 B.T.
	An aspen tree 10 ins. diam. bears. N 55°22' E 87 lks. dist. marked T 25 S R. 1 E. S. 1 B.T.
	An aspen tree 11 ins. diam. bears. S 29° 33' E. 74 lks. dist. marked T 25 S R 1 E S 12 B.T.
	No other trees within limits. - Pits impracticable
	Land mountainous steep and broken
	Soil gravely and rocky 2d rate
	Timber aspen of small size but dense
	Mountainous land 80,00 chs.
	June 15: At this cor. I set off 23° 20' 30" W. on the decl. arc. at 12h m. 7 m. 8 s

Subdivision of T 25 S R 1 E

chains	Meridian: the resulting lat. is 38° 40'
	East on a random line bet. secs. 1 and 12
40,00	Set temp. 1/4 sec. cor.
80,06	Intersect E bdy. of Tp. 19 lks. N of cor. of secs 1-6-7 and 12
	Thence I run
	N 89° 52' W on a true line bet. secs. 1 and 12
	Ascending on steep E. slope
7,05	Top of slope and ridge bears N 30° E and S 30° W. 300 ft. above cor.; thence descending on even slope facing W.
31,40	Otter creek 10 lks wide course S 20° W in bottom of gulch 150 ft. below cor.
31,80	Begin ascent on steep broken slope E
40,03	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 stones 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable. —
75,00	Enter timber
80,06	The cor. of secs. 1-2-11 and 12
	This cor. stands 720 ft. above the creek on S E slope
	Land mountainous
	Soil gravely and rocky 2nd and 3rd rate
	Timber aspen, and aspen brake in patches.
	Mountainous land 80,06 chs. —
	N 0° 1' W. on a random line bet secs 1 and 2
40,00	set temp. 1/4 sec. cor
80,12	Intersect N. bdy of Tp. at cor. of secs. 1-2-35 and 36
	Thence I run
	S 0° 1' E on a true line bet. secs 1 and 2
	Ascending in E. edge of aspen brake
7,00	Top of main ridge between Plateau Valley and Daniels Canon bears N.E. and S 30° W. 100 ft. above cor.
10,00	Begin descent on S. E. slope in scattering timber
40,12	Set a lava stone 17 x 9 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	An aspen tree 8 ins. diam. bears N 15° W. 85 lks. dist. marked 1/4 S B.T.
	An aspen tree 8 ins. diam. bears N 78° 15' E 55 lks. dist. marked 1/4 S B.T.
80,12	The cor. of secs. 1-2-11 and 12
	[illegible] 50 . below [illegible]

Subdivisions of T 25 S R 1 E

chains Land mountainous
Soil gravely and rocky 3d rate
Timber aspen of small size scattering and in
Mountainous land 80,12 chs. —

June 15 at 4h 45m a.m., l.m.t. I set off 38°36' on the lat. arc, and 23°22' N. on the decl arc and determine a true meridian with the solar at the standard cor. of secs. 34 and 35 on S. bdy. of Tp. reestablished by me
Thence I run
N 0°1' W. bet. secs. 34 and 35
Descending on S.W. slope
3,00 Enter aspen and pine timber bears E and W
22,00 Enter burnt and dry timber bears N E and S W
40,00 Set a lava stone 18 x 10 x 7 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 W. of cor.
Pits impracticable.
44,05 Wood road bears N.W. and S.E.
53,00 Leave burnt enter green timber
56,50 Wood road bears E and W.
65,82 " " " " " "
69,05 " " " N.W and S E in draw sloping N E
Ascend gradually
74,60 Top round knoll 50 ft. high; a spring 10 lks diam. bears E 5 chs. dist.; thence descending to
80,00 Set a trachyte stone 20 x 11 x 6 ins. 15 ins. in the gr for cor. of secs. 26-27-34 and 35 marked with 1 notch on S. and 2 notches on E edges. from which
An aspen tree 6 ins. diam. bears S 11° 27' W. 11 lks. dist. marked T 25 S. R 1 E S 34 B.T.
An aspen tree 4 ins. diam. bears S 11° 30' E 12 lks. dist. marked T 25 S R 1 E S 35 B.T.
An aspen tree 5 ins. diam. bears N 33° 44' W. 7 lks. dist. marked T 25 S R 1 E S 27 B.T.
An aspen tree 6 ins. diam. bears N 29° 28' E 5 lks. dist. marked T 25 S R 1 E S 26 B.T.
This cor. stands on N. slope 730 ft. below st cor. of secs. 34 and 35
Land mountainous
Soil gravely and rocky 3d rate
Aspen and

Subdivision of T 25 S R 1 E

Chains Mountainous land 80,00 chs.

June 15, 1895

June 16: at 8h.5m a.m., Z.m.t. I set off 38°37 on the lat. arc, and 23°22' N. on the decl. arc. determine a true meridian with the solar at the cor. of secs. 26-27-34 and 35

Thence I run

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

40,00 Set temp. 1/4 sec. cor.

80,00 Intersect N and S line 33 lks N. of cor. of secs. 25-26-35 and 36

Thence I run

N 89° 46' W. on a true line bet. secs 26 and 35

Descending in timber on steep broken slope

40,00 Set a lava stone 18x10x7 in. 12 in. in the ground and mound of stones for 1/4 sec. cor. marked 1/4 on N face. - from which

A pine tree 6 in. diam. bears S 17° 30' W. 34 lks, d' marked 1/4 S B.T.

A pine tree 10 in. diam. bears N 25° 51' E 23 lks. dist. marked 1/4 S B.T.

69,90 Bottom of steep slope and gulch course N.W.

Begin ascent.

72,70 Top of gulch thence descending gradually on N slope

78,80 Top of spur running N.W.: descend on N W slope

80,00 The cor. of secs. 26-27-34 and 35.

This cor. stands 980 ft. below cor. to secs 25-26-35 and 36

Land mountainous

Soil gravely and rocky 3d rate

Timber pine, of heavy growth and some aspen

Mountainous Land 80,00 chs.

N 0° 1' W. bet. secs. 26 and 27

Descending on N.W. slope in aspen timber

8,10 Stream 3 lks. wide flows N W in bottom of gulch 60 deep. - thence ascending

10,00 Top of gulch, begin descent on N W slope

40,00 Set a lava stone 18 x 9 x 8 in. 12 in. in the g for 1/4 sec. cor. marked 1/4 on W. face: raised a

1½ ft. of cor. -

Subdivision of T 25 S R 21 E

Chains
Pits impracticable — No trees of proper size within limits
45,00 Top of spur running N.W from break; descent becomes steeper.
67,24 Bottom of gulch 90 ft. deep and stream 4 lks. wide in bottom of same course N. 70 W.; thence ascending gradually on broken rolling slope W., leaving timber
77,30 Top of ridge 100 ft. above gulch bears nearly East W Begin descent
— 80,00 Set a lava stone 20 x 10 x 7 ins. 15 ins. in the ground for cor. of secs. 22-23-26 and 27 marked with 2 notches on S and E edges.; raised a mound of stones 2 ft. base 1½ ft. high W of cor. - Pits impracticable This cor. stands 5 90 ft. below cor of secs. 26-27-34 and 35. —
Land mountainous rolling and sloping
Soil gravelly and rocky Scrub —
Timber aspen and a few pine scattering, all of small size; and scattering patches of aspen brake on N 13,00 chs. —
Mountainous land 80,00 chs.

S 89° 46' E on a random line bet. secs. 23 and 26
40,00 Set. limb 1/4 sec. cor.
8,00 Intersect N and S. line 32 lks. S. of cor. of secs. 23-24 25 and 26
Thence N run
West on a true line bet. secs. 23 and 26
Descending on broken slope W and N.W. in aspen timber of small size. -
40,00 Set a lava stone 18 x 12 x 7 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 No trees of proper size within limits.
73,95 Stream 2 lks wide flows N. 60° W in bottom of gulch 60 ft. deep; thence ascending
— 80,00 The cor. of secs. 22-23-26 and 27
This cor. stands 80 ft. above creek and 600 ft. below cor. of secs. 23-24-25 and 26. —
Land mountainous rolling and sloping
Soil gravelly and rocky Scrub
T.

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

Chains	
	Mountainous land 80,00 chs
	June 16: At this cor. I set off 23°22' on the deel arc and at 12h M. Z.M.T. observe the sun on the meridian the resulting lat. is 38°38'. —
	N. 0°1' W. bet. secs. 22 and 23
	Descending in aspen timber
4,05	Stream 2 lks, in bottom of gulch 65 ft. deep course N.W.
	Ascending; leave timber
8,20	Top of spur running W. thence descend to
12,16	Stream 3 lks. wide flow W in bottom of gulch 125 ft. deep
	Begin ascent to
17,00	Top of gulch thence over gullies and ravines draining W
38,06	Bottom of gulch 60 ft. deep course W.; ascending to
40,00	Set a lava stone 20×9×7 ins. 15 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
43,00	Trail bears N.E. and S.W.
	Descending to
64,45	Stream 5 lks wide flows W in gulch 160 ft. deep; thence on steep W slope in dense undergrowth
77,90	Otter Creek 14 lks. wide swift current course S.W. in bottom of narrow canon in fringe of dense Alder brush
78,20	Begin ascent
80,00	Set a trachyte stone 18×10×9 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. —
	Land Mountainous
	Soil gravely and rocky 2d rate
	Timber aspen of small size in patches; brush along creek. —
	Mountainous land 80,00 chs. —
	East on a random line bet. secs. 14 and 23
40,00	set temp. 1/4 sec. cor.
79,92	Intersect N. and S. line at cor. of secs. 13-14-23 and 24
	Thence I run
	West on a true line bet. secs. 14 and 23
	Descending gradually, in aspen brake

5.

Subdivision of T 25 S. R 21 E

Chains	
16,00	Trail in bottom of gulch 50 ft. deep course S.W.
	Ascending to
22,10	Top of ridge 40 ft. high course S 30° W and N 30° E
	Descending to
29,90	Dry wash in bottom of gulch 60 ft. deep course S.W. thence
	ascending
39,96	Set a lava stone 18 x 11 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. —
	This cor. stands on top of ridge 70 ft. high, trees S W
	and N. E.
	Descending on W slope to
47,00	Thence on steep broken N.W. slope on side of canon
79,30	Otter Creek 14 lks. wide small current in bottom of narrow
	canon 630 ft. deep course S W. —
	Begin ascent
— 79,92	The cor. of secs. 14-15-22 and 23
	Land mountainous
	Soil gravelly and rocky 2nd and 3rd rate
	Timber aspen brake in patches, and alder brush along
	creek. —
	Mountainous land 79,92 chs. —

	N 0° 1' W. bet. secs. 14 and 15
	Ascending on S E slope, steep and rocky
4,00	Set a lava stone 18 x 9 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 ft. base 1½ ft. high W. of cor. —
	Pits impracticable
	This cor. stands 10 to 40 ft. above the creek.
49,00	Enter aspen brake
53,60	Leave " " " ascend heavier less steep
61,70	Enter springy swampy ground drains S & 3 lks. wide
64,00	Leave " " " " head of spring bears W 6,00
	chs.
69,70	A spring 8 lks drains bears E & 6 chs. dist. drains S. 3 lks wide
	Enter aspen brake and huge boulders
— 80,00	Set a lava stone. 24 x 10 x 8 ins. 18 ins. in the ground
	for cor. of secs. 10-11-14 and 15 marked with 4 notches
	on S and 2 notches on [illegible]

Subdivision of T. 25 S R 1 E

chains	2 ft. base 1½ ft. high N. of cor. - Pits impracticable
	Note: mound built on the north; it being the only place it could be made to stay owing to character of ground. -
	This cor. stands 730 ft. above the 1/4 sec. cor.
	Land mountainous
	Soil rocky and gravely 3d rate -
	No timber patches of aspen brake or brush small but dense and some oak brush -
	Mountainous land 80,00 chs. —
	East on a random line bet. secs. 11 and 14.
40,00	set temp. 1/4 sec. cor.
80,14	Intersect N. and S. line 12 chs. N of cor. of secs. 11-12-13 and 14.
	Thence I run
	N 89°55' W. on a true line bet. secs. 11 and 14
	ascending on S. E. slope broken and rugged
34,90	Bottom of gulch 70 ft. deep course S 20° E
40,07	set a trachyte stone 18 x 10 x 6 in. 12 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. -
43,00	Top of spur running S E and S from main ridge
51,00	Bottom of draw, drains S. 50 ft. deep.
65,20	Top of spur running S from main ridge; descend to
73,00	Bottom of gulch 50 ft. deep course S; thence ascending in brake.
80,14	The cor. of secs. 10-11-14 and 15
	Land mountainous
	Soil gravely and rocky 3d rate -
	Timber a few aspen of small size; and oak brush in patches
	Mountainous land 80,14
	June 16, 1895
	June 17: From the cor. of secs. 10-11-14 and 15 I run
	N 0°1' W bet. secs. 10 and 11.
	Ascending in aspen brake and huge boulders
38,00	Top of dividing ridge between Platean Valley and Danish canon bears. N 35° E and S 80° W. 420 ft. above sec. cor.
40,00	set a trachyte stone 18 x 10 x 9 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face; raised a [illegible]

chains
Pits impracticable.
41,00 Descend on N W slope broken and gullied
— 80,00 Set a lava stone 18 x 11 x 6 ins. 12 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; raised a mound of stones 2 ft. base 1½ ft. high W of cor. —
Pits impracticable
This cor. stands 3 or 4 ft. below top of ridge
Land mountainous
Soil rocky and gravelly 3d rate
No timber aspen brush of small size on E side of ridge and oak brush in patches on W side
Mountainous land 80,00 chs. —

S 89° 55' E on a random line bet. secs 2 and 11
40,00 set. temp. 1/4 sec. cor.
80,00 Intersect N and S line at cor. to secs. 1-2-11 and 12
Thence N
N 89° 55' W on a true line bet. secs. 2 and 11
Ascending on S E slope in aspen timber and
40,00 set a trachyte stone 18 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 stones 2 ft. base 1½ ft. high W of cor. — Pits impracticable. — No bearing trees of proper size within limits
57,00 Top of dividing ridge between Plateau Valley and Mancos Canon bears N 35° E and S 35° W. 370 ft. at cor to secs. 1-2-11 and 12
Begin descent on W. slope: timber aspen brake
— 80,00 The cor. of secs. 2-3-10 and 11
Land mountainous
Soil gravelly and rocky 3d rate
Timber, aspen of small size, mainly brake on E side of ridge, oak brush and some aspen on W side
Mountainous land 80,00 chs. —

N 0° 1' W on a random line bet secs 2 and 3
40,00 Set. temp. 1/4 sec. cor.
80,80 Intersect N. bdy of Tp. 22 chs. W of cor of secs. 2-3-34 and —
Thence Down
S 0° 87 W. on a true line bet. secs. 2 and 3.

in on

Subdivision of T 25 S R 1 E

chains

13,50 Enter bottom of gulch bears nearly E and W.
Thence in oak brush: leave timber
15,20 Stream 3 lks wide course S. 80° W. 400 ft. below cor.
19,00 Leave bottom of gulch and ascend on steep broken slope N.W.
40,60 Set a trachyte stone 18×10×9 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. –
80,60 The cor. of secs. 2-3-10 and 11
This cor. stands 430 ft. above cor of secs. 2-3-10 and 11
Land mountainous broken and sloping
Soil rocky and gravely 3d rate
Timber mountain mahogany and pinion
aspen and oak brush. –
Mountainous land 80,60 chs. –
Note: The sky being cloudy during the noon hour I was unable to observe the sun on the meridian. – June 17,

June 17, at 2h45m p.m. l.m.t. I set off 38°36' on the lat. arc and 23°25' N on the decl. arc. and at determine a true meridian with the solar at the standard cor. of secs. 33 and 34 on S bdy. of Tp. – reestablished by me.
Thence I run
N 0°2' W. bet. secs. 33 and 34
Descending in timber
5,65 Dry wash in bottom of gulch 200 ft. below st. cor. course S. 75° W
Begin ascent
23,75 Top of ridge bears about E and W 570 ft. above bott of gulch; thence descending on N.W. slope
33,00 Leave timber
40,00 Set a lava stone 18×12×6 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. –
42,30 Enter aspen brake
50,65 Leave " " in head of gulch course N 60°
Enter oak brush
8,00 Set a trachyte stone 18×10×6 in. 12 in. in the
a [illegible] 27-2 -33 and 34 marked

Subdivision of T 25 S R 1 E

chains	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 — This cor. stands 800 ft. below top of ridge on N W slope Land mountainous Soil gravely and rocky 3d rate Timber pine cedar and aspen Mountainous land 80,00 chs. —
	East on a random line bet. secs. 27 and 34
4,00	Set temp 1/4 sec. cor.
8,00	Intersect N and S line at cor. of secs. 26-27-34 and 35
	Thence S run
	West on a true line bet. secs. 27 and 34
	Descending on N W slope in aspen timber
2,46	Wood road bears S and N 25° W.; enter pine timber
11,00	Leave pine enter aspen timber
40,00	Set a trachyte stone 17 x 9 x 7 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which
	An aspen tree 5 in. diam. bears S 75° 32' W. 31 lks. dist. marked 1/4 S B.T.
	An aspen tree 4 in. diam. bears S 28° 5' E, 20 lks. dist. marked 1/4 S.B.T.
43,70	Leave timber bears N E and S W.; enter oak brush
47,42	Wood road bears S.W. and bottom of gulch 50 ft. deep bears N.W.
77,50	Same road " N 70° W.
80,00	The cor. of secs. 27-28-33 and 34
	This cor. stands 600 ft. below cor. of secs. 26-27-34 and 35
	Land mountainous
	Soil gravely 3d rate
	Timber aspen and pine of small growth
	Mountainous land 80,00 chs. —
	N 0° 2' W bet. secs. 27 and 28
	Descending on broken slope in oak brush
1,63	Wood road bears N.W. and S.E.
3,00	Leave oak brush enter cedar and mountain mahogany timber
3,45	Bottom of gulch 75 ft. deep course W.; begin ascent
4,00	Set a lava stone 18 x 10 x 6 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face, on which

Subdivision of T 25 S R 1 E

chains A mahogany tree 6 in. diam. bears N 41° 30' W. 26 lks dist. marked 1/4 S B T
A mahogany tree 6 ins. diam. bears S 45° W. 5 lks marked 1/4 S B T
Thin cor. stands on top of ridge 55 ft. high bears E and W.
40,50 Begin descent
49,00 Bottom of gulch 100 ft. deep course W.
Ascend
53,50 Top of ridge 40 ft. high bears E and W.
Descend
57,05 Gulch 175 ft. deep course W.
57,43 Trail bears. E and W; thence ascending
65,00 Top of ridge 70 ft. high course N W and S E
Descend, and leave timber
70,80 Edge of canon; descending on on steep N. slope in huge bowlders and brush
79,75 Otter creek 15 lks wide flows S 70° W. in bottom of narrow canon 420 ft. deep; swift current;
Ascend
80,00 Set a trachyte stone 26 x 11 x 7 in. 19 in. in the ground for cor. of secs. 21-22-27 and 28
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
Land mountainous
Soil rocky and gravely 3d rate
Timber Mountain mahogany and cedar; and oak brush –
Mountainous land 80,00 chs. –

June 17 1895

June 18: At 7h 30m A.m.t. m.t. I set off 38° 38' on the lat. arc and 23° 26'. N. on the decl. arc and determine a true meridian with the solar at the cor. of secs. 21-22-27 and 28
Thence I run
East on a random line bet. secs. 22 and 27
40,00 set temp 1/4 sec. cor.
80,04 Intersect N. and S. line 9 lks. S of cor. of secs. 22-23 26 and 27.

Subdivision of T 25 S R 1 E

chains	S 89° 56' W. on a true line bet. secs. 22 and 27
	Ascending gradually on N slope of ridge 200 chs from the top
12,00	Top of ridge bears S 85° E and N 85° W. 30 ft above cor.
	Begin descent on broken S.W. slope
33,90	Stream 5 lks. wide flows N.W. in bottom of gulch 130 ft. deep; thence ascending
38,57	Trail bears N E and S W. : Begin descent on W. slope
40,00	Set a trachyte stone 18 x 7 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 N of cor.
	Pits impracticable
	This cor. stands on W. slope in a patch of aspen brush
58,00	Edge of canon bears N E and S W. : begin descent on steep N.W. slope in brush and large bowlders
77,00	Enter bottom of canon and dense tangle of Alder and aspen brush
78,70	Otter creek 15 lks wide course S 65° W.
	Begin ascent
80,04	The cor. of secs. 21-22-27 and 28
	Land Mountainous
	Soil rocky and gravely 3d rate
	No timber; aspen and oak brush in patches
	Mountainous land 80,04 chs. —
	N. 0° 2' W. bet. secs. 21 and 22
	Descending on steep rocky slope. S E
33,40	Top of slope and main ridge between Plateau Valley and Danish Canon bears N E and S W. 1250 ft. above cor.
36,50	Begin descent on N W slope
40,00	Set a lava stone 18 x 10 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. —
70,00	Bottom of ravine 50 ft. deep course W.
80,00	Set a trachyte stone 24 x 11 x 6 ins. 18 ins. in the ground for cor. of secs. 15-16-21 and 22 marked T 25 S on N.E. and R 1 E on S.E. faces with 3 notches on S. and E. edges raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable.
	This cor. stands on W slope 360 ft. below top of ridge

Subdivision of T 25 S R 1 E

chains Land mountainous
Soil rocky and gravely 3d rate
Timber scattering, scrubby cedar and mountain
mahogany on E side of ridge; oak brush in patches
on W. side
Mountainous land 80,00 chs.

N 89° 56' E on a random line bet. secs. 15 and 22
4,00 Set a temp 1/4 sec cor.
8,00 Intersect N and S line at cor. of secs 14-15-22 and 23
Thence Grun
S 89° 56' W on a true line bet. secs. 15 and 22
Ascending on S.E. slope broken and rugged
4,00 Set a trachyte stone 18×9×6 ins. 12 ins. in the gro
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. -
43,00 Top of ridge 1120 feet above cor to secs. 14-15-22 3
bears N. 30° E. and S. 30° W.
Descending to
8,00 The cor. of secs. 15-16-21 and 22.
Land mountainous
Soil rocky and gravely 3d rate
No timber; oak brush in patches
Mountainous land 8,00 chs. -
June 18: At this cor. I set off 23° 26' N on the decl.
arc and at 12h 1m p.m. L.M.T. observe the sun on
the meridian the resulting lat is 38° 39' 30"

N 0° 2' W bet. secs. 15 and 16
Descending gradually on broken N.W. slope in
oak brush
4,00 A stationary stone 18×16×15 ins above 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
41,10 Bottom of ravine 75 ft. deep, drains W.
8,00 Set a trachyte stone 24×8×6 ins. 20 ins. in a
mound of stones 3 ft. base on top of flat stone 8×6×
1 ft. above ground for cor. of secs. 9-10-15 and 16
marked with 4 notches on S and 3 notches on E. edges

Subdivision of T 25 S R 9 E

Chains	This cor. stands 380 ft. below cor. to secs. 15-16-21 and 22 --
	Land Mountainous
	Soil gravely and rocky 3d rate
	No timber; oak brush on 80,00 chs.
	Mountainous land 80,00 chs.
	N. 89° 56' E. on a random line bet. secs. 10 and 15
40,00	Set temp. 1/4 sec. cor.
80,08	Intersect N. and S. line 10 lks N. of cor. of secs. 10-11-14 and 15
	Thence 8 run
	West on a true line bet. secs. 10 and 15
	Ascending on S E slope in aspen brake and huge boulders
12,00	Top of dividing ridge between Plateau Valley and Daniels cañon bears. S 20° W and N 20° E, 300 ft. above sec. cor.; leave aspen brake
13,30	Begin descent on W. slope in oak brush
40,04	Set a trachyte stone 18 x 9 x 7 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. —
80,08	The cor. of secs. 9-10-15 and 16
	This cor stands 1075 ft. below top of ridge
	Land mountainous
	Soil rocky and gravely 3d rate
	No timber; aspen and oak brush on 80,08 chs.
	Mountainous land 80,08 chs.
	N 0° 2' W. bet. secs. 9 and 10
	Descending gradually on broken slope N.W.
40,00	Set a lava stone 18 x 11 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
52,80	Ravine 90 ft. deep drains W.; ascend to
59,20	Top of spur running W; descend to
75,75	Bottom of gulch and dry wash 200 ft. deep course W. —
	Ascend to
80,00	Set a lava stone 24 x 14 x 6 ins. 18 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

Subdivision of T. 25 S. R. 16 E.

Chains	Mound 2 ft. base 1½ ft. high W. of cor. —
	Pits impracticable
	This cor. stands 3 4½ ft. below cor of secs. 9-10-15 and 16
	Land mountainous
	Soil gravelly and rocky 3d rate
	Timber, a few pinion scattering, and oak brush
	Mountainous land 80,00 chs. —
	East on a random line bet. secs. 3 and 10
40,00	Set. temp. 1/4 sec. cor.
79,84	Intersect N. and S. line 10 chs. S. of cor. of secs. 2-3-10 and 11
	Thence S. 89° 53' W. on a true line bet. secs. 3 and 10
	Descending on W. slope in oak brush and scattering pinon
39,92	Set a lava 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
79,84	The cor. of secs. 3-4-9 and 10
	This cor. stands 1100 ft. below cor of secs. 2-3-10 and 11
	Land mountainous
	Soil gravelly and rocky 3d rate
	Timber a few scrubby cedar and pinion scattering and oak brush
	Mountainous land 79,84 chs
	June 16, 1893
	N. 0° 2' W. on a random line bet. secs. 3 and 4
40,00	Set. temp. 1/4 sec. cor.
81,12	Intersect N. bdy. of Tp. 17 S. R. 16 E. W. of cor. of secs. 3-4 9-3 and 3-4
	Thence S. min
	S. 0° 3' W. on a true line bet. secs. 3 and 4
	Ascending gradually on broken rocky slope N. W. in timber
12,00	Top of spur running S. 80° W. 100 ft. high; begin descent on rocky slope S. W.; leave timber
29,10	Bottom of slope into open gulch and oak brush bears E. and W.
93,02	Stream 3 chs. wide flows W. 320 ft. below top of spur
41,12	Set a lava stone 18 x 9 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; raised a [illegible]

Chains	
	Pits impracticable.—
43,40	Foot of slope bears E and W; begin ascent
56,10	Top of spur running W.
	370 ft. above gulch; descend to
59,32	Bottom of gulch 140 ft. deep course W.
	Ascend to
77,00	Top of spur running W. 200 ft. above gulch
	Descend to
81,12	The cor. of secs. 3-4-9 and 10
	Land mountainous
	Soil rocky and gravely 3d rate
	Timber mountain mahogany and cedar,
	Mountainous land 81,12 chs.
	June 191 at 9h 25m A.M., L.M.T. I set off 38°37' on the lat. arc and 23°27' 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
	West on a random line bet. secs. 28 and 33.
4,00	Set temp. 1/4 sec. cor.
66,24	Intersect N. and S. line 4,20 chs. S. of cor. of secs. 28-29-32 and 33 which is a stone firmly set, marked and witnessed as described by the surveyor general.—
	Set a trachyte stone 18 x 9 x 6 ins. 12 ins. in the ground for closing cor. of secs. 28 and 33 marked C.C. on E. face with 1 grove on S. and 4 groves on E. faces, raised a mound of stones 2 ft. base 1½ ft. high E. of cor.
	Pits impracticable.—
	I destroy the marks on old cor. referring to these secs.
	Thence I run
	East on a true line bet. secs. 28 and 33
	Ascending on broken surface sloping N.W.
26,24	Set a lava stone 20 x 9 x 6 ins, 15 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.
66,24	The cor. of secs. 27-28-33 and 34
	This cor. stands 620 ft. above the closing cor.
	Land mountainous broken and rolling
	Soil gravely 3d rate
	No timber some oak brush on E. ¼ mile

Subdivision of T 25 S R 1 E

Chains	Mountainous land 6624 chs.
	From cor. of secs. 21-22-27 and 28 E run
	West on a true line bet. secs. 21 and 28
	Ascending on broken steep S E slope in oak brush
30,25	Top of spur running S to creek; thence descending on S.W. slope in scattering cedar
40,00	Set a trachyte stone 18 x 10 x 6 ins, 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which
	A cedar tree 4 ins diam. bears N 37° W. 22 lks. dist. marked 1/4 S.B.T.
	A cedar tree 5 ins. diam. bears N 60° 30' E 28 lks. dist. marked 1/4 S.B.T.; raised a mound of stones 2 ft. base 1½ ft. high N. of cor.
45,00	Bottom of ravine 90 ft. deep drains S
	Begin ascent in cedar timber
62,00	Top of spur running S 20° W. 230 ft. above ravine
	Thence on S.W. slope descending
74,36	Irrigating ditch 5 lks wide course N 20° W.
74,95	" " 4 " " " " " "
77,00	Valley road bears N W and S E
77,73	Irrigating ditch 6 lks. wide course N.W. at base of slope, enter bottom of Plateau or Grass Valley; thence in dense undergrowth 260 ft. below top of spur. —
80,00	Set a trachyte stone 18 x 10 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 from which
	A cedar tree 5 ins. diam. bears S 17° 19' E 146 lks. dist. marked T 25 S R 1 E S 28 B T
	A cedar tree 5 ins. diam. bears N 13° 20' W. 62 lks dist. marked T 25 S R 1 E S 29 B.T.
	No other trees within limits raised a mound of stones 2 ft. base 1½ ft. high W of cor.
	Land mountainous broken and rolling; and level bench
	Soil gravely and rocky 2nd and 3d rate
	Timber, scrubby cedar scattering;
	Dense undergrowth of sagebrush and thorn
	Mountainous land and dense undergrowth 80,00 chs.
	June 19: at this cor. I set off 23° 27' N on the decl. arc. and at 12h 1m p.m., I.M.I. observe the sun on the meridian; the resulting lat. is 38° 38'

Subdivision of T 25 S R 1 E

Chains	S 0° 3' E on a random line bet. secs. 28 and 29
4,00	set temp. 1/4 sec. cor.
75,86	Intersect N. bdy. of secs. 32. 13,78 chs. W. of old cor. of secs. 28-29-32 and 33 as herein before described set a trachyte stone 18 x 11 x 6 ins. 12 ins. in the ground for closing cor. of secs 28 and 29 marked C C on N face with 4 groves on E and 1 grove on S faces; raised a mo. of stones 2 ft. base 1½ ft. high N of cor. -
	Pits impracticable. -
	Thence Sun
	N 0° 3' W. bet. secs. 28 and 29
	Over rolling ground close to base of mountains; in dense undergrowth -
29,00	Wood road bears. S W and N E
35,86	Set a trachyte stone 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. From this cor. the S W. cor. of a school house built of logs 12 x 14 ft. bears N. 26° 12' E 2,43 chs. dist. J. H. Killian's farm house bears S 87° 29' W. 6,35 chs dist.
42,08	Wood road bears S 30° W and N 30° E
52,75	Valley road bears S W and N E
53,00	Irrigating ditch 4 lks wide course S 65° W
55,43	" " 6 " " " S W.
60,27	Dry bed of Otter creek course W. in fringe of willows
63,43	Road to cañon course E and W.
66,35	Ditch 7 lks. wide course W.
69,26	Road to cañon course E and W.
70,50	Ditch 8 lks. wide. course W.
75,86	The cor. of secs. 20-21-28 and 29
	Land rolling bench close to base of mountains
	Soil gravely and rocky 2d rate -
	No timber - Dense undergrowth of sagebrush and thorn
	Dense undergrowth on 75,86 chs. -
	West on a random line bet. secs. 20 and 29
26,00	The 1/4 sec. cor. between secs 20 and 29 bears N. 3.10 chs. dist.: this cor. has been obliterated and the cor. of a fence and large post now occupies its place but the exact location is identified by settlers occupying the land:-

Subdivision of T 25 S R 1 E

chains		
	Thence Orun	
	East on a true line bet. E half of secs. 20 and 29	
	along John McMillans road and 15 ft. S of fence	
16.0	Ditch 4 lks wide course N 70° W.	
4,00	John McMillans house bears N 1,12 chs dist.	
11,10	Ditch 4 lks wide course N. 30° W.	
24,68	Road turns S. E. and fence turns N	
26,00	Intersect N and S line 3,10 chs N 0°3' W of cor. of secs. 20-21-28 and 29.—	
	Set a trachyte rock 18×9×8 ins. 12 ins. in the ground for closing cor. of secs. 20 and 29 marked C C on W. face with 2 groves on S, and 4 groves on E faces raised a mound of stones 2 ft. base 1½ ft. high W. of cor.—	
	Pits impracticable.—	
	I now destroy the marks on cor. to secs. 20-21-28 and 29 pertaining to secs. 20 and 29 as originally set.—	See correction no. of this Tp. P.1. No 1
	N 0°3' W. on W. bdy. of sec. 21	
	ascending gradually in dense undergrowth—	
2,80	McMillans road bears E and W.	
3,10	Closing cor. for secs. 20 and 29 on line	
5,68	Ditch 6 lks. wide course N 30° W.	
6,58	Valley road course N 25° W and S 25° E. at base of mountain; begin ascent or rough rocky slope S.W.	
13,00	Enter cedar timber; leave dense undergrowth—	
35,85	Ditch 3 lks. wide course N. 20° W.	
37,87	" 4 " " " " " " "	
40,00	Set a trachyte stone 18×10×7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which A cedar tree 6 ins. diam. bears S 28°50' E 23 lks. dist. marked 1/4 S.B.T.	
	A pinion tree 6 ins. diam. bears N 37°15' E 40 lks. dist. marked 1/4 S B.T.; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.	
80,00	Set a trachyte stone 18×11×6 ins. 12 ins. in the ground for cor. of secs. 16 and 21 marked with 4 notches on E edge and 3 notches on S. edge; from which A cedar tree 8 ins. diam. bears S 78°10' W. 32 lks. dist. marked T 25 S R 1 E S 20 B.T.	
	A lava boulder 6×6×4 ft. above ground bears N 10°29' E 5 lks dist marked T 25 S R 1 E S 16 B.O. on W. face 3 ft. above ground.— No other bearing object within limit	

Subdivision of T 25 S R 1 E

chains raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
This cor stands among huge boulders, on W slope
350 ft. above the foot of the mountain
Land mountainous and sloping bench
Soil gravely and rocky 2nd and 3d rate
Timber scrubby pinion and cedar, scattering
Dense undergrowth of sagebrush and thorn
Mountainous land and dense undergrowth 85,00 chs.

East on a random line bet. secs. 16 and 21
40,00 Set temp 1/4 sec. cor.
80,20 Intersect N and S line at cor. of secs. 15-16-21 and 22
Thence True
West on a true line bet. secs. 16 and 21
Descending on W. slope, steep and broken
21,75 Bottom of gulch course N 25° W. 560 ft. below cor.
Begin ascent
29,00 Top of ridge 200 ft. above gulch course N and S.
Descend
40,10 Set a trachyte stone 25×10×7 ins. 18 ins. in a mound of stones 2½ ft. base 1½ ft. high for 1/4 sec. cor. marked 1/4 on N. face. Pits impracticable.
62,55 Bottom of gulch 590 ft. deep course N 25° W.
Begin ascent
74,00 Top of rocky ridge 220 ft. above gulch course N and S.
Descend to
80,20 The cor. of secs. 16 and 21.
Land mountainous
Soil rocky 4th rate
Timber scrubby cedar and mountain mahogany; oak brush in patches
Mountainous land 80,20 chs.

June 19, 1895

June 20: At 7h 30m a.m. E.m.T. I set off 38° 38' 30" on the lat. arc and 23° 28' N on the decl. arc and determine a true meridian with the solar at cor. of secs. 16 and 21
Thence True
West on a random line bet. secs. 17 and 20
26,26 The 1/4 sec. cor. bet. secs 17 and 20 bears N 1,75 chs. dist. being a stone 12×8×5 ins. firmly set in

Thence	the ground and marked 1/4 on N. face
	Thence S run
	East on a true line bet. secs. 17 and 20
	Along center of lane 30 ft. wide with fence on each side
1,50	E end of lane; road turns S. on E. side of fence and N fence turns N. E.; thence ascending on W slope
12,00	House of W.B.&I. School and at present Plateau Rattlesnake bears N. 4,60 dist.
13,50	Lieb's 5" chs. wide course N.
26,26	Intersect N. and S. line 1,75 chs. N 0°3' W of cor. of secs. 16 and 21
31,50	Ø stationary stone 24 x 16 x 13" ins. above ground for closing cor. of secs. 17 and 20 I mark C.C. on W. face with 3 grooves on S. and 4 grooves on E faces; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	This cor. stands 260 ft above bottom of slope
	land level valley and mountain slope
	Soil in valley loam 1st rate; slope rocky 3rd rate
	No timber
	Mountain land 15,26 chs.

	From cor. of secs. 16 and 21, I run
	N 0° 3' W. on W. bdy. of sec. 16.
	Ascending on rocky broken slope
1,75	Closing cor. for secs. 17 and 20 on line
12,00	Top of ridge 28½ ft. above cor. bears N W and S E; fence runs S.W. turns N.
13,24	Begin descent; fence turns N W
21,32	Fence bears N 60° E
27,00	" " N.W.
29,00	Bottom of gulch 40 ft. deep course N.W.; ascend
34,00	Thence descending gradually on W. slope 1,50 chs above gulch.
40,00	Set a brass stone 18 x 12 x 9 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
64,60	Leave mountain slope bears N E and S W. I enter level valley; thence in dense undergrowth
80,00	Set a basalt stone 18 x 9 x 7 ins. 12 ins. in the ground for cor. of secs. 9 and 16 marked with 4 notches on W and 4 on E [illegible] raised a mound of stones 2 ft. base

Chains	1½ ft. high W. of cor. - Pits impracticable
	Land mountainous, and level flat
	Soil on mountainous part rocky and gravelly 3d rate -
	in flat, loam 1st rate -
	Timber scrubby pinion and mountain mahogany
	scattering and oak brush
	Dense undergrowth of sagebrush and thorn
	Mountainous land and dense undergrowth - 8,00 chs
	East on a random line bet. secs. 9 and 16
4,00	Set temp 1/4 sec. cor.
7,86	Intersect N. and S. line 20 chs N. of cor. of secs.
	9-10-15 and 16
	Thence S.
	N 89° 52' W. on a true line bet. secs. 9 and 16
	Descending on W. slope steep and broken
39,93	At a blackjack stone 18 x 10 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. -
59,90	Bottom of gulch course N. thence ascending
66,00	Top of ridge 90 ft. high bears N and S
	Descend
74,90	Leave mountain slope, bears N. and S.; enter
	level valley and dense undergrowth -
79,86	The cor. of secs. 9 and 16
	This cor stands 600 ft. below cor. of secs. 9-10-15 and 16
	Land mountainous, and level
	Soil on slope gravelly and rocky 2d rate - on flat
	loam 1st rate
	Timber scrubby pinion and mountain mahogany
	scattering, and oak brush
	Dense undergrowth - of sagebrush and thorn
	Mountainous land and dense undergrowth - 79,86 chs
	West on a random line bet. secs. 8 and 17
26,38	The 1/4 sec. cor. bet. secs 8 and 17 bears N. 2,01 chs. dist
	being a stone firmly set marked and witnessed as
	described by the surveyor general
	Thence S.
	East on a true line bet. secs. 8 and 17
	Over level surface in dense undergrowth -

Subdivision of T 25 S R 1 E

Chains	
20,83	Fence bears N. and S.
26,38	Intersect N and S line 2,01 chs N 0° 3' W of cor. of secs 9 and 16
	Set a trachyte stone 18 x 9 x 8 ins. 12 ins in the ground for closing cor. to secs. 8 and 17 marked C.C. on W. face with 4 groves S. and 4 groves on E faces; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable.—
	Land, level valley
	Soil gravely loam 1st rate
	No timber.— Dense undergrowth of sagebrush and thorn
	Dense undergrowth 26,38 chs.
	From cor. of secs. 9 and 16 I run
	N 0° 3' W. on W bdy of secs. 9
	Over level surface in dense undergrowth
20	Closing cor for secs. 8 and 17 on line
18,60	Foot of slope bears N W and S E; thence ascending, leave undergrowth
26,65	Top of slope and ridge bears N.W. and S E 175 ft. high
	Begin descent
38,32	Wood road in bottom of gulch 150 ft. below ridge course N.W. thence ascending
[illegible]	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 stones 2 ft. base 1½ ft. high W of cor.
	Pits impracticable
43,20	Enter timber bears N.W. and S.E.
61,00	Top of ridge 200 ft. high bears N W and S E
	Begin descent on broken slope in scattering timber
81,66	Intersect S bdy of secs. 5. 13,59 chs. W. of cor. of secs. 4-5-8 and 9 which is a stone firmly set marked and witnessed as described by the surveyor general.—
	Set a trachyte stone 18 x 9 x 7 ins. 12 ins. in the ground for closing cor. of secs. 4 and 8 marked C C on S face with 4 groves on E face; from which a cedar tree 4 in diam bears N 75° 30' E 33 lks. dist. marked T. 25 S. R. 1 E. S. 5 B.T. no other tree within limits raised a mound of stones 2 ft. base 1½ ft. high S. of cor.
	Pits impracticable.—
	Land mountainous, and level valley
	Soil gravely loam 1st rate on level; on mountain slopes gravely and rocky 3rd rate

Subdivision of T 25 S R 1 E

chains	Timber scrubby pine.-
	Dense undergrowth of sagebrush and thorn
	Mountainous land and dense undergrowth 81,66 chs.
	June 20: At this cor. I set off 23°27'30" N on the decl. arc and at 12h 1m p.m., T.M.T. observe the sun on the meridian: the resulting lat is 38°40'
	From closing cor. of secs 8 and 4 I run
	S 89°52' E on a random line bet secs. 4 and 9
4,00	Set temp 1/4 sec. cor.
79,80	Intersect N. and S. line 1,66 chs. N of cor. of secs. 3-4-9 and 10
	Thence I run, from said cor.
	N 89°52' W on a true line bet. secs. 4 and 9
	Descending on broken slope in oak brush
37,00	Foot of slope 430 ft. below cor. bears N and S; enter bottom of gulch draining S.
39,90	Set a trachyte stone 18 x 10 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.-
41,15	Wood road course N and S
47,00	Ascend
53,30	Top of ridge 90 ft. high course N and S
	Descend on rolling slope
79,80	Intersect N and S line 1,66 chs. S of closing cor. of secs. 8 and 4
	Set a lava stone 18 x 10 x 7 ins. 12 ins in the ground for closing cor. of secs. 4 and 9 marked C C on E. face with 5 grooves on S. and 4 on E. faces; raised a mound of stones 2 ft. base 1½ ft. high E of cor. -
	Pits impracticable.-
	Land mountainous rolling and broken
	Soil gravely and rocky 3d rate-
	Timber a few scrubby pinion scattering; and oak brush --
	Mountainous land 7980 chs
	June 20, 1895

Subdivision of T 25 S R 1 E

General Description

The portion of this township covered by the present survey is all mountainous land with the exception of a narrow strip along the western base of the mount in secs. 8-17-20 and 29 which is level and well suit for cultivation, and being in part cultivated; the soil is a gravely loam and very fertile.—

The mountainous part is very rugged and broken but the soil being mainly composed of lava rock grown up by the glaciers is very productive, and a variety of nutritious grasses are found in abundance the entire township furnishes excelent pasture without irrigation as evidenced by the great number of herds encountered during the survey.—

The south-eastern portion of the township is covered by a fine growth of pine timber suited for millin purposes and also much aspen which is being used by the settlers for fencing and firewood

There are no mines or quarries nor did O. dis any cropings or other indications of ores of any kin

The overlying rock formation is everywhere a black lava or trachyte showing much evidence of enormo glacial action.—

The township is well watered by Otter creek and tributary streams and springs all being pure of excelent quality.—

There are three settlers in this portion of the townsh J W Killian in sec. 29; John McMillan in secs. 20 and Wm H Schock in sec. 17: each of these h valuable improvements consisting of house, barn, fences and land under cultivation.

Of the applicants for survey of this township Jas. E McClelland is holding a claim in T 25 S R. 2 E but believing himself to be located in this township at the time of application; the is substantially the case with Seth Langer.—

Wm C Stainer and Geo J Simmons was until recently bona fide settlers in this township but was lately bought out by Wm H. Schock who now the strip of level land running through secs. 8-17 and N ½ of 20 and has commenced improving all of

Of [illegible] for

the purpose. -
The school house in Sec. 28 is a district school recently constructed being the first school in this valley it is a small frame building but answers the present purpose. —

Andrew P Lawson
U S Deputy - Surveyor

Subdivision lines of T. 24 S R 1 E

12 of Notes
1

Description omitted by error—
Land level valley
Soil gravelly wash 1st rate—
No timber - some sagebrush undergrowth
Andrew P Hanson
US Deputy Surveyor

Volume
#
R0239

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PAGE

List of Names.

A list of the names of the individuals employed by Andrew P. Hansen, U. S. 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 range 1 E. and subdivision lines of Tp 25 S. R 1 E.

of the Salt Lake Base and Meridian, in Utah, showing the respective capacities in which they acted:

Andrew F. Riefen	Chainman
Wm. S. Trone	"
E. S. Forsyth	"
Joshua Gardner	"
Wm. P. McKeever	Axeman and Flagman

Final Oath of Assistants:

We hereby certify that we assisted ....., U. S. Deputy Surveyor, in surveying all those parts or portions of the ..... Meridian, ..., as 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 U. S. Surveyor General for .....

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

SEAL

6—151

I, _____, U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions received from _____, U. S. Surveyor General for _____, bearing date of the _____ day of _____, 18 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for _____, the surveying manual, and the laws of the United States, surveyed all those parts or portions of _____

_____

_____

_____

_____

_____ Meridian, in the _____, as 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 surveying manual, printed instructions, the special written instructions of the U. S. 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.

_____

U. S. Deputy Surveyor.

Subscribed and sworn to before me this _____ day of _____, 18 .

SEAL

_____

_____

Approval.

Office of the U. S. Surveyor General,

Salt Lake City, Utah, May 23d, 1896

The foregoing field notes of the survey of The Subdivision of Townships 2S South, Ranges 1 East of the Salt Lake Base & Meridian, Utah

_____

_____

_____

_____

_____ executed by Andrew P. Hansen

under his Contract No. 198, dated March 4th, 1895, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

_____

U. S. Surveyor General.

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

_____

U. S. Surveyor General.

6—151

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BOOK A-239

FIELD NOTES

OF THE SURVEY OF

Subdivision Lines

of

Township No 25 South Range No 5 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Andrew P Swanson, U. S. Deputy Surveyor,

under his Contract No. 198, dated March 4, 1895.

Survey commenced July 15, 1895.

Survey completed July 17, 1895.

(30—2,000.) 0—151

4 15 29 92 ✓

20 4 72 10 ✓

Andrew F. Riepen Chairman

Wm H. Tarrie "

Joshua Gardner Axeman

Wm P. McKeever Flagman

BOOK A-239

INDEX DIAGRAM.

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

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19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page..... .....

We, _____

_____

_____

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

_____

_____

_____

_____

_____, *Chainma*

_____, *Chainma*

_____, *Chainma*

_____, *Chainma*

Subscribed and sworn to before me this _____ day of _____, 18 .

_____

_____

We, _____

_____

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

_____

_____

_____

_____

Subscribed and sworn to before me this _____ day of _____, 18 .

_____, *Axeman.*

_____, *Axeman.*

_____

_____

_____

Subdivision of T 25 S R 5 E

Chain

Survey commenced July 15, 1893 and executed with a W & L E Gurley light mountain transit No 7 with solar attachment. The horizontal limb is provided with two double verniers placed opposite each other reading to single minutes of arc which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Salt Lake City found correct and was approved by the surveyor general for Utah March 16, 1893.

Note: Having recently tested the instrument on a true meridian established by observation on Polaris near cor. of secs 8-9-16 and 17 T. 25 S. R 3 E in connection with the survey of said Tp. I deem it unnecessary to retest the set at this time, knowing the adjustments to be correct.

Preliminary to commencing the subdivision of this township I approximately establish its E and N boly's in order to determine whether they should be surveyed or not and find the east boundary would run north over a rather desert of blowing sand for about 4 miles and then enter sandstone breaks, nearly perpendicular where no corners could be set by ordinary means. The north boundary would continue over the same breaks and a survey of this line is impracticable and as the land is worthless for any purpose I conclude these lines should not be surveyed.

I am much in doubt whether to commence the subdivision of this township or pass it over but not being able to fully determine if any settlers claims exist and a small portion of the township being adapted for pasture I proceed as follows.

At standard cor. of secs. 35 and 36 on S boly of Tp 25 S R 5 E in latitude 38° 96' N. longitude 111° 22' W. which is a stone firmly set, marked and witnessed as described by the surveyor general, I set off 38° 96' on the lat-arc and 21° 29' N on the dec. arc and at 2h 10m p.m., 2. m.t. determine a true meridian with the solar.

The magnetic bearing of the true meridian at 2h 15m

chains	reduced by the table, page 100 gives the mean mag. decl. 15° 57' E. -
	From the standard cor. already described, I run N 0° 1' W. bet. secs. 35 and 36
40,00	Over sandy desert and dunes, ascending gradually Set a sandstone 18 x 11 x 8 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face: dug pits 18 x 18 x 12 in. N and S of stone 8 ft. dist. and raised a mound of earth 3 ± ft. base 1½ ft. high W. of cor.
3-9,80	Foot of precipice 90 ft. high bears S. W. and N. W.
74,00	Top of ridge 70 ft. high bears E. and W. - rocky reef of lava Begin descent.
8,00	Set a black lava stone 18 x 9 x 7 in. 12 in. in the ground for cor. of secs. 25-26-35 and 36 marked with 1 notch on S and E edges.: raised a mound of stones 2 ft. base 1½ ft. high W. of cor. - Pits impracticable Land rolling desert Soil sandy, loose, 3% rate No timber
	N 0° 1' W. bet. secs. 25 and 26 Descending gradually on sandy desert
40,00	Set a lava stone 24 x 10 x 6 in. 18 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face: dug pits 18 x 18 x 12 in. N and S of stone 3 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high W. of cor.
8,00	Set a lava stone 18 x 8 x 7 in. 12 in. 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. - Land nearly level Soil sand 3% rate No timber
	N 0° 1' W bet. secs. 23 and 24. Over level desert and dunes
40,00	Set a lava stone 18 x 9 x 8 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. -

Subdivision of T 25 S R 5 E

Chains	
	Pits impracticable
59.75	Dry wash 40 lks. wide 10 ft. deep course N.E.
78.20	" " 20 lks " " " " " N 75° E
80.00	Set a lava stone 18 x 14 x 9 in. 12 in. in the ground for cor. of secs. 13-14-23 and 24 marked with 3 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
	Land level desert
	Soil sand.
	No timber. —
	N 0° 1' W bet. secs. 13 and 14
8.50	Last Chance Creek 4 lks. wide course E in wash 10 ft. deep (over sandy desert)
	Begin gradual ascent
40.00	Set a lava stone 18 x 7 x 5 in. 12 in. in the ground for 1/4 sec cor. marked 1/4 on W. face; dug pits 18 x 18 x 12 in. N and S of stone 3 ft. dist. and raised a mound of earth 3½ ft base 1½ ft. high W. of cor. This cor. stands close to the foot of the break and mountains and further extension of this line is impracticable and I discontinue the same at this point
	Land level desert; soil sandy; no timber
	From standard cor. of secs. 34 and 35 on S. bdy. of Tp. which is a stone firmly set marked and witnessed as described by the Surveyor general I run N 0° 1' W. bet. secs. 33 and 35
	On broken rocky E. slope
40.00	Set a sandstone 26 x 8 x 5 in. 18 in. in a mound of stones 3 ft base for 1/4 sec. cor. marked 1/4 on W. face
	Pits impracticable
44.00	Head of gulch 75 ft deep course S.E.
48.00	Begin gradual descent on broken slope
64.00	Descend in cliffs bears S W and E
74.60	Bottom of canon bears E and W.
76.00	Enter plowed field and Desert Entry No. 3592. David Keith applicant; field bears E and W.
80.00	Set a lava stone 18 x 12 x 7 in. 12 in 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

Chains	
	Soil rocky and gravely on mountainous parts 4th rate creek bottom sandy loam 1st rate Tho timber Mountainous land 74,60 chs. July 15, 1895
	East on a random line bet. secs. 26 and 35
4,00	Set temp 1/4 sec. cor.
79,62	Intersect N and S line at cor of secs. 25-26-35 and 36 Thence S 1/2 mile West on a true line bet secs. 26 and 35 Over sandy desert, broken and sloping gradually N. W.
39,81	Set a hackberry stake 18 x 7 x 6 in. 12 in in the ground for 1/4 sec. cor. marked 1/4 on N face; raised a mound of stones 2 ft. base 1 ft. high N. of cor. Pits impracticable.
53,95	Dry Wash 30 chs. wide 15 ft. deep course N.E.; This dry creek is known among the settlers as Johnson Wash though in a former survey it is named Surprise Creek
71,56	Same wash and stream 2 chs. wide in bottom course S.E.
72,31	Fence bears nearly N. and S. across the mouth of the canon N about 4 chs and S 6 chs. Enter plowed field
79,62	The cor. of secs. 26-27-34 and 35 Land slightly rolling Soil sand, and sandy loam on W 20 chs. 1st and 3d rate No timber
	July 16: at 8 h 30 m a.m., 2 m 2-0 set off 38° 37' on the lat arc, and 21° 22' N. on the decl. arc and determine a true meridian with the solar at cor of secs. 26-27-34 and 35 Thence S 1/2 mile N 0° 1' W bet. secs. 26 and 27 On plowed field descending gradually
1,80	Fence " " bears E and S.W.
1,92	Stream 3 chs. wide in bottom of Wash 30 chs. wide 8 ft. deep course N 70° E
2,50	Leave bottom of canon bears E and W. and begin ascent in rock cliffs.
7,00	Top of cliffs thence ascend gradually on broken surface

Subdivision of T 25 S R 5 E

Chains	
37,00	Top of slope and ridge 3,75 ft. above sec. cor. bears S.E. and N.W.
	Begin descent on broken surface
40,00	Set a sandstone 18 x 9 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 ft. base 1½ ft. high W. of cor.
	Pits impracticable. -
57,65	Bottom of ravine 80 ft. deep course N.E.
	Ascend
74,10	Top of spur sloping E. 160 ft. above ravine
	Descend
80,00	Set a slate stone 18 x 11 x 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; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. - Pits impracticable
	Land mountainous rolling and sloping
	Soil rocky and gravely 4th rate
	No timber
	Mountainous land 80,00 chs
	East on a random line bet secs. 23 and 26
40,00	Set temp. 1/4 sec. cor.
79,74	Intersect N and S line 14 chs S of cor. of secs. 23-24-25 and 26
	Thence I run
	S 89°54' W on a true line bet. secs. 23 and 26
	Descending gradually in sand desert
28,08	Dry wash 30 lks wide 10 lks deep course N. -
	Begin gradual ascent in dense undergrowth
39,87	Set a lava stone 18 x 12 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
42,10	Dry wash 8 ft. deep course N.E.
71,00	Foot of mountains: ascend in rocky cliffs leave dense undergrowth
75,00	Top of cliffs ascend gradually
79,74	The cor. of secs. 22-23-26 and 27
	This cor. stands 360 ft. above cor. to secs. 23-24-25 and 26
5166 / 28.08	Land rolling desert and mountainous cliffs
	Soil on desert sand, and sandy loam nearest cliffs

Subdivision of T 25 S R 5 E

Chains	
	No timber; dense undergrowth of sagebrush and thorn. Mountainous land and dense undergrowth - 51,66 chs. -
	N 0° 1' W. bet. secs. 22 and 23
	Descending over rocky cliffs, of red sandstone
24,00	Bottom of cliffs bears N 25° W and S 25° E thence over broken rolling surface in dense undergrowth
40,00	Set a lava stone 22 x 11 x 5 ins. 16 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. -
48,70	Dry wash 6 ft. deep course N. E.
80,00	Set a slate stone 18 x 9 x 5 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.
	Land mountainous, and broken bench
	Soil gravely and rocky 3d rate
	No timber. - Dense undergrowth - of sagebrush and thorn
	Mountainous land and dense undergrowth - 80,00 chs. -
	July 16; At this cor. I set off 21° 20' N on the deck arc and at 12h 6m p.m. 2 m.t. observe the sun on the meridian the resulting lat. is 38° 39'
	N 89° 54' E on a random line bet. secs 14 and 23
40,00	Set temp. 1/4 sec. cor. -
79,66	Intersect N and S line 15 lks N. of cor. of secs. 13-14-23 and 24
	Thence I run
	West on a true line bet secs. 14 and 23
	Over level, surface in dense undergrowth -
39,83	Set a lava stone 18 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 stones 2 ft. base 1½ ft. high N of cor. - Pits impracticable.
79,66	The cor. of secs. 14-15-22 and 23.
	Land gently rolling desert
	Soil sand and sandy loam 3d rate
	No timber. - Dense undergrowth of sagebrush and thorn
	Dense undergrowth 79,66 chs. -

Subdivision of T 25 S R 5 E

Chain	N 0° 1' W. bet. secs. 14 and 15
	Over rolling broken slope in dense undergrowth
17,55	Last Chance Creek 4 lks wide in bottom of wash 2 ft. deep in mouth of canon 1 course S 10° E.
	Begin ascent
22,00	At foot of break of red sandstone 250 ft. high bears N E and S.W.—
	I set a slate rock 23 x 16 x 5 in. 17 in in the ground for witness cor. to 1/4 sec cor. marked W.C 1/4 on W. face 1 raised a mound of stones 2 ft. base, 1½ ft. high W. of cor. Pits impracticable
	I discontinue this line, being impracticable
	Land rolling slope
	Soil gravely and rocky 2d rate
	Timber a few scrubby cedar.-
	Dense undergrowth of sagebrush and thorn
	Dense undergrowth 2 [illegible]

	From standard cor. of secs. 33 and 34 on S. bdy of Tp which is a stone firmly set marked and witnessed as described by the surveyor general I run
	N 0° 2' W. bet. secs. 33 and 34
	Over rolling broken bottom land in dense undergrowth
23,00	Solomon Wash Creek 2 lks wide course N 60° E in channel 40 lks. wide 12 ft. deep.
25,30	Trail bears N E and S W
28,20	Leave bottom bears N 60° E. and dense undergrowth
	Thence ascending over broken surface
36,40	Top of spur running E. 170 ft. high
	Begin descent
40,00	Set a trachyte stone 27 x 14 x 10 in. 20 in. in the ground for 1/4 sec. marked 1/4 on W. face 1 raised a mound of stones 2 ft. base 1½ ft high W. of cor. Pits impracticable —
	This cor stands at the head of a ravine draining N.E.
	Ascend
46,00	Top of spur running E 150 ft. high
	Descend
57,30	" over cliff 50 ft. high bears N.W. and S E
60,00	Bottom of gulch from N. turns S.E. thence along gulch
66,00	Gulch turns N.W. thence ascend

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

Chains	
68.00	Top of cliff and ascend gradually
80.00	Set a slate stone 18 x 10 x 3 in. 12 in. in the ground for cor. of secs. 27-28-33 and 34 marked with 1 notch on S and 3 notches on E edges. I raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pit inspectionable.
	Land rolling creek bottom, and mountainous
	Soil sandy and rocky 2nd and 3rd rate
	No timber, dense undergrowth of sagebrush and weeds
	Mountainous land and dense undergrowth 80.00 chs.
	East on a random line bet. secs. 27 and 34
40.00	Set limp. 1/4 sec. cor.
79.80	Intersect N. and S. line at cor. of secs. 26-27-34 and 35
	Thence I run
	West on a true line bet secs. 27 and 34
	In plowed field
1.05	Leave plowed ground bears N.E. and S.W. and descend
2.00	Bottom of Rolan or Wash 40 lks wide 9 ft. deep and stream 2 lks. wide, course N.E.
	Begin ascent on bottom slope
13.00	Ravine drains S. 40 ft. deep
21.80	Top of spur running S.W. wash; thence descending
24.90	Bottom of slope bears N.W. and S.; enter flat bottom of gulch and dense undergrowth
39.90	Set a triangle stone 18 x 9 x 6 in. 12 in. in the ground for 1/16 sec. cor. marked 1/4 on N. face I raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pit inspectionable.
43.00	Leave bottom of gulch bears N.E. and S.W.
	Begin ascent, and leave dense undergrowth
63.30	Ascend in ravel stone cliffs 43 ft. high bears N.E. and S.W.
66.50	Top of cliffs, ascending gradually
79.80	The cor. of secs. 27-28-33 and 34
	Land mountainous and level bottom
	Soil sandy and rocky 2nd and 3rd rate
	Timber a few scrubby cedar scattering; dense undergrowth of sagebrush and thorn
	Mountainous land and dense undergrowth 79.80 chs.
	N. 0° 2' W. bet. secs. 27 and 28
	Ascending on bottom slope

Subdivision of T 25 S R 5 E

Chains	
4,00	Set a slate stone 18 x 10 x 5 in. 12 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 W. of cor. Pits impracticable. This line extended passes over rocky cliffs and ravines and is impracticable hence I discontinue at this point. Land mountainous broken and rolling. Soil rocky and gravely 3d rate. No timber. Mountainous land 4,00 chs. July 16, 1895
	From the standard cor of secs. 32 and 33 on S. bdy of Tp which is a stone firmly set marked and witnessed as described by the surveyor general I run N 0° 3' W. bet. secs. 32 and 33
	Ascend
1,05	Top of ridge course S 70° E: thence descending
4,80	Bottom of gulch 100 ft. deep drains S 65° E
	Ascend to
10,50	Top of ridge sloping E. bears E and W.:
	Descend
12,00	Bottom of gulch 60 ft deep drains E
16,50	Ascend to
19,05	Top of spur runs E 130 ft. high: thence descending
34,00	Bottom of gulch 70 ft. deep course S 60° E.
	Begin ascent
39,50	Top of ridge bears N 65° W and S 65° E
	Descend.
40,00	Set a sandstone 19 x 12 x 7 in. 14 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.
43,00	Bottom of gulch 100 ft. deep course S 60° E.
	Ascend to
45,00	Top of spur rounded E. thence descending to
53,10	Bottom of gulch 80 ft. deep and trail: course from N turns S 60° E.
	Thence along gulch

Subdivision of T 2 S R 5 E

chains	
6300	Same gulch turns N.W. thence ascending
7720	Top of ridge sloping S.E., bears S.E. and N.W.
	Descend to
8000	Set a lava stone 18 x 11 x 7 ins. 12 ins. in the ground for Cor. of secs. 28-29-32 and 33 marked with 1 notch on S and 4 notches on E edges; raised a mound of stones 2 ft. base 1½ ft. high N. of cor. - Pits impracticable
	This cor. stands 650 ft. above standard cor.
	Land mountainous broken and sloping
	Soil sandy and rocky 3d rate
	No timber.
	Mountainous land 80.00 chs.
	East on a random line bet. secs. 28 and 33
4000	Set temp. 1/4 sec. cor.
8000	Intersect N and S line 12 lks N. of cor. of secs. 27-28-33 and 34
	Thence I run
	N. 89°55' W. on a true line bet. secs. 28 and 33
	Descending on broken slope
1900	Bottom of gulch 280 ft. deep course S.E.
	Begin ascent
40,00	Set a lava stone 18 x 9 x 6 ins 12 ins in the ground for 1/4 sec. cor. marked 1/4 on N. of raised a mound of stones 2 ft. base 1½ ft. high N. of cor. - Pits impracticable
5030	Top of spur 300 ft. high running S.E.
	Begin descent
7970	Bottom of gulch 90 ft. deep course S.E.
8000	The cor. of secs. 28-29-32 and 33.
	Land mountainous broken and rolling
	Soil sandy and rocky 3d rate
	Timber a few scrubby cedar scattering
	Mountainous land 8000 chs. -
	N 0°3' W. bet. secs. 28 and 29
25	Ascend to
2200	Top of spur 380 ft. above cor. runs S.E. from breaks.
	Descend to broken ridges
5500	Bottom of gulch 150 ft. deep course S.E.

Subdivision of T 25 S R 5 E

Chains	Ascend
4000	set a lava stone 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.
7500	Top of ridge 400 ft. above 1/4 sec. cor. bears N. W. and S. E.; thence descending
8000	Set a sandstone 24 x 9 x 4 ins. 18 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 from which. -
	A pinion tree 8 ins. diam bears S 14°15' W. 25 lks dist. marked T 25 S R 5 E S 29 B T
	A cedar tree 10 ins diam bears N 74° W 27 lks dist. marked T 25 S R 5 E S 20 B.T
	No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	Land mountainous
	Soil sandy and rocky 3d rate
	Timber a few scrubby cedar scattering
	Mountainous land 8000 chs
	This line further north is impracticable and the land of no value hence I discontinue the same. -

Precipitous cliffs making it impracticable to run N. from S.t cor of Sec 31 and 32 hence -

From cor. of secs. 13-18-19 and 24 on W. bdy of Tp. which is a stone firmly set marked and witnessed as described by the surveyor general I run East on a true line bet. secs. 18 and 19

Ascending gradually on rolling plateau

1940	Foot of ridge bears N and S.; enter timber and ascend on W slope
2700	Top of ridge 140 ft above plateau course N. and S begin descent
3978	Allowing for convergency of meridians
	A stationary trachyte stone 12 x 10 x 10 ins. above ground for 1/4 sec. cor. marked 1/4 on N. face from which
	A pinion tree 12 ins. diam. bears. S 9°0' W. 30 lks. dist. marked 1/4 S. B.T.
	A cedar tree 10 ins diam bears. N 36°12' W 24 lks. dist. marked 1/4 S. B.T.
	Raised a mound of stones 2 ft. base 1½ ft. high N.

Subdivision of T 25 S R 5 E

chains	
	Note: The sky being overcast, the sun could not be observed on the mer
42,20	Bottom of gulch 190 ft. deep course N E
	Ascend on N W slope
79.78	Set a trachyte stone 18 X 10 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 from which:
	A pinion tree 9 ins diam. bears N 38° 5' W. 41 lks. dist. marked T 25 S R 5 E S. 18 B.T.
	A cedar tree 6 ins. diam. bears S 47° 30' W. 25 lks. dist. marked T 25 S R 5 E. S 19 B.T.
	A pine tree 10 ins. diam. bears N 30° 32' E 36 lks. dist. marked T 25 S R 5 E S. 17 B.T.
	A pine tree 5 ins. diam. bears S 54° 40' E. 20 lks dist. marked T 25 S R 5 E S 20 B.T.
	Land mountainous, broken and rolling
	Soil gravely and stony 3d rate
	Timber cedar pinion and scattering pine
	Mountainous land 79.78 chs.
	East on a true line bet. secs. 17 and 20
	Ascending on N.W. slope in timber
37,00	Top of ridge 865 ft. above sec. cor. bears N and S.
	Begin descent on steep slope; leave timber
40,00	Set a lava stone 18 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 stones 2 ft. base 1½ ft. high N. of cor. - Pits impracticable.
	About 10 chs. E this line would pass over perpend. sandstone breaks of great depth and is impracticable I therefor discontinue it at this point. -
	Land mountainous broken and sloping
	Soil gravely and stony 3d rate
	Timber pinion and cedar
	Mountainous land 40,00 chs.
	From cor. of secs. 17-18-19 and 20 I run N 0° 3' W. bet. secs. 17 and 18
	Descending on N.W slope in timber
29,42	Bottom of gulch and dry wash 375 ft. below sec. cor. course from S.W. turns N.W.
	Ascend on W. slope to
37,50	Top of spur running W. to

Subdivision of T 25 S R 5 E

Chains	Learned
47,00	Set a lava stone 18 x 11 x 5 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which A pinion tree 6 in. diam bears N 82° 30' E 48 lks. dist. marked 1/4 S. B.T. A pinion tree 6 in. diam. bears N 42° 20' W. 22 lks. dist. marked 1/4 S B T
47,00	Bottom of gulch 200 ft. deep course N. 75° E. Begin ascent on S E slope
80,00	Set a lava stone 18 x 9 x 5 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. from which A pinion tree 8 in. diam. bears N 44° 15' W. 27 lks. dist. marked T 25 S R 5 E S 7 B.T. A pinion tree 7 in. diam. bears N. 51° 60' E 19 lks. dist marked T 25 S R 5 E S. 8. B.T. A pinion tree 11 in. diam. bears S 23° 45' E. 54 lks. dist. marked T 25 S R 5 E. S 17 B.T. A pinion tree 7 in. diam bears S. 76° 12' W. 24 lks. dist. marked T 25 S R 5 E S 18 B.T. Land mountainous broken and rolling Soil gravelly and rocky 3d rate Timber pinion and cedar Mountainous land 8000 chs.
	West on a random line bet. secs. 7 and 18
40,00	Set limp. 1/4 sec. cor.
79,92	Intersect W. bdy. of Tp. 19 chs. S of cor of secs. 7-12-13 and 18 which is a stone formly set marked and witnessed as described by the surveyor general Thence On my S 89° 52' E on a true line bet. secs. 7 and 18 Ascending broken slope in timber
39,92	Set a lava stone 18 x 11 x 6 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which A pinion tree 9 in. diam. bears S 68° 20' W. 33 lks. dist. marked 1/4 S. B.T. A cedar tree 6 in diam. bears N 5° 30' E 76 lks dist. marked 1/4 S. B.T.
44,70	Top of ridge 430 ft. above sec. cor. Begin descent

Subdivision of T25SR5E

chains Land mountainous broken and sloping
Soil gravely and rocky 3d rate
Timber pinion and cedar
Mountainous land 79,92 chs -
The country to the N. E. and W. of here is very rough broken and rocky and of no account for agricultural or grazing purposes, hence I abandone the survey at this point. -

From cor. of secs. 17-18-19 and 20 I run
S 0° 3' E bet secs. 19 and 20
Ascending on broken slope in timber
30,00 Top of ridge 360 ft. above sec. cor. bears E and W.
Begin descent.
33,00 Foot of slope bears. E. and S.W.; enter level gulch bottom
Leave timber and enter dense undergrowth
40,00 Set a lava stone 17×9×8 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. -
45,00 Foot of slope bears. N E and S.W.; enter timber and ascend
53,10 Top of ridge 160 ft. high bears. N. E. and S.W.
Begin descent on broken slope; leave timber bears N E and S.W.
61,50 Edge of sandstone break, surface drops 2400 ft. in the next mile with many perpendicular principles and further progress on this line is impossible with means at hand hence:
I set a lava stone 18×9×7 ins. 12 ins in the ground for witness cor. to cor. of secs. 19-20-29 and 30 marked W.C. with 2 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 gravely and rocky 3d rate
Timber pinion and cedar; dense undergrowth of sage and [illegible]
Mountainous land and dense undergrowth 61,50 chs.

From the witness cor above described I run
West on a random line ok offset 18,50 chs. N. and at.
40,00 Turn ang. of 90° Left and run south 18,50 chs.
Set temp 1/4 sec. cor.
[illegible] 90° right and run west

Subdivision of T 25 S R 5 E

Chains	
8,00	Intersect W. bdy of Tp. at cor. of secs. 19-24-25 and 30 which is a stone firmly set marked and witnessed as described by the surveyor general
	Thence I run
	East on a true line bet. secs. 19 and 30
	Ascending on broken slope in timber.
29,00	Top of ridge sloping S to break; bears N 13° W and S 13° E
	Begin descent
40,00	Set a lava stone 18 x 6 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
44,12	Trail in bottom of gulch bears S.
	Note: This is a very steep and dangerous trail but passable in dry weather. -
	Ascend to
49,00	Top of spur running S to break; thence descending; leave timber
56,00	Beginning of sandstone breaks. bears N E and S W.
61,00	This point is 250 ft. below top of spur and further progress is impossible with means at hand here
	I set a lava stone 26 x 14 x 6 ins. 18 ins in a mound of stones 3 ft. base for Witness cor. to cor of secs. 19-20-29 and 30 marked W.C. with 2 notches on S and 5 notches on E edges.; Pits impracticable
	Land mountainous
	Soil gravely and rocky 3d and 4th rate
	Timber pinion and cedar
	Mountainous land 61,00 chs.

July 17, 1895

General Description

This township is all mountainous land with the exception of a strip of sandy desert in the S.E. corner. - The soil is either sand or very rocky none of it is fit for agriculture or raising of crops. - The desert is extensively used as a winter range for sheep which animal seems to do well there if sufficient snow falls for watering. - The mouth of the cañon, of Solomon Wash (so-

variegated colors of its slopes and walls.) and the foot hills is valuable as a winter range for cattle horses &c being sheltered and warm.
Along the western boundary is a small amount of high rocky mesa land which is fertile, and produces a variety of grasses and location close to a stream of water in Tp 25 S R 4 E is valuable for pasture and stock range. —
The greater portion of the township is covered with a scrubby growth of pinion and cedar timber. —
There are no mines nor quarries in the tp and no croppings or other indications of minerals of value, though coal likely exists in some parts.
The surface rock formation is every where sandstone of varied color and covered in places with glacial debris composed mainly of lava boulders, many being of enormous size. —
The township is watered by two streams, Last Chance Creek and Surprise creek or Johnson Wash at times these form violent torrents but normally they are insignificant streams of bad alkaline water. —
David Keith applicant for survey of this township has filed a declaratory No 3592 in sec. 26-34 and 35, the improvements consist of a couple of acres poorly plowed and about 10 chs. of fence which closes the mouth of the canon and the only passage way from desert to mountains for many miles both north and south. —
The claims of the other applicants for survey [John Judge] [Mary Judge] and James Doyle, are located in Tp 25 S R 4 E sec. 23 or 24 or nearly that, and Arnold Walk in Tp 26 S R 5 E about sec. 8. or 9. —

Andrew P. Hannon
U. S. Deputy Surveyor

List of Names.

A list of the names of the individuals employed by Andrew P Hanson, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the subdivision lines of Tp. 25 S. R. 5 E.

of the Salt Lake Base and Meridian, in Utah, showing the respective capacities in which they acted:

Andrew F Riepen chainman
Wm H Trone "
Joshua Gardner chainman
Wm T McKeever "

Final Oath of Assistants:

We hereby certify that we assisted ....., U. S. Deputy Surveyor, in surveying all those parts or portions of the ..... Meridian, ..., as 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 U. S. Surveyor General for .....

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

SEAL

6—151

I, ..., U. S. Deputy Surveyor, solemnly swear that, in pursuance of instructions received from ...., U. S. Surveyor General for ...., bearing date of the .... da ...., 18 , I have well, faithfully, and truly, in my own proper person, and in st conformity with the instructions furnished by the U. S. Surveyor General for ...., surveying manual, and the laws of the United States, surveyed all those parts or portions of ....

....

....

....

.......................Meridian, in the ...., as are represented in the going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear tha the corners of said survey have been established and perpetuated in strict accordance with the surveying ma printed instructions, the special written instructions of the U. S. Surveyor General for ...., and in the specific manner described in the field notes, and that the foregoing are the true field notes of such sur and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Con approved August 8, 1846.

....
U. S. Deputy Survey

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

SEAL

....

....

Approval.

Office of the U. S. Surveyor General,

Salt Lake City Utah May 28th, 189

The foregoing field notes of the survey of The subdivision of Townsh 25 South Range No 5 East of the Salt Lake B & Meridian, Utah

....

....

....

....

.... execu

Andrew P. Hanson

under his Contract No. 198, dated March 4, 1895 having been cri examined, the necessary corrections and explanations made, the said field notes, and the surveys they descri hereby approved.

....
U. S. 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.

....
U. S. Surveyor Gen

6—151

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239.

BOOK A-239

FIELD NOTES

OF THE SURVEY OF

Subdivision Lines

of

Township 12 South Range 14 East

Of the Salt Lake Principal Meridian,

State of Utah

AS SURVEYED BY

Andrew P. Lemmon, U. S. Deputy Surveyor,

Under his Contract No. 195, dated March 4, 1874.

Survey commenced July 10, 1874.

Survey completed July 23, 1874.

Andrew F Riepen Chainman

Wm S L Trone "

Joshua Gardner Axeman

Wm P McKeever Flagman

BOOK A-239

INDEX DIAGRAM.

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30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page.....

We, _____

_____

_____

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

_____

_____

_____

_____

_____, *Chain*

_____, *Chainm*

_____, *Chainm*

_____, *Chain*

Subscribed and sworn to before me this _____ day of _____, 18 .

_____

_____

We, _____

_____

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

_____

_____

_____

_____

Subscribed and sworn to before me this _____ day of _____, 18 .

_____, *Axe*

_____, *Axe*

_____

_____

_____

Subdivision of T 24 S R 1 E

Chains	Survey commenced July 19. 1895 and executed with a W. & L E Gurley light mountain transit No 7 with solar attachments. - The horizontal limb is provided with two double verniers placed opposite each other: reading to single minutes of arc which is also the least count of the latitude and declination arcs. - The instrument was examined: tested on the true meridian at Salt Lake City, found correct and was approved by the surveyor general for Utah March 16. 1895. - Note: Having recently tested the instrument on a true meridian determined by observation on Polaris and knowing the solar apparatus to be correct I consider it unnecessary to repeat the test at this time. - July 19: At the cor. of secs. 1-2-35 and 36 on S. bdy of Tp 24 S R 1 E in latitude 38°41' N. longitude 111°48' W at 7h 25m a.m. t.m.t. I set off 38°41' on the lat. arc and 20°51' N. on the decl. arc, and determine with the solar a true meridian. - The magnetic bearing of the true meridian thus determined at 7h 30m a.m. is N. 16°2' W.: the angle thus established reduced by the table page 100 gives mean mag decl. 15°56' E
	From the cor. already described I run N 0°1' W bet. secs. 35 and 36 Descending gradually in timber on broken slope W.
4,000	Set a trachyte stone 18 x 9 x 8 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
	No trees of proper size within limits
8,000	Set a lava stone 18 x 9 - 6 ins. 12 ins in the ground for cor. of secs. 25-26-35 and 36 marked with 1 notch on S and E edges. from which An aspen tree 8 ins. diam. bears N 13°1' W. 18 lks. dist. marked T 24 S R 1 E. S. 26 B.T. An aspen tree 7 ins. diam. bears N 86°28' E 42 lks.

Subdivisions of T24S R1E

chains	An aspen tree 7 ins. diam. bears S 24° 8' E 42 lks. dist. marked T 24 S R 1 E S 36 B.T.
	An aspen tree 4 ins. diam. bears. S 73° 5' W. 12 lks. dist. marked T 24 S R 1 E S 35 B.T.
	Land mountainous, steep broken slope
	Soil gravely and rocky 3d rate
	Timber aspen of small size mostly brake and a few scattering pine
	Mountainous land 8,00 chs.-
	S 89° 39' E on a random line bet. secs. 25 and 36
4,00	Set temp 1/4 sec. cor.
80,20	Intersect E. bdy. of Tp. at cor. of secs. 25-30-31 and 36
	Thence I run
	N 89° 39' W. on a true line bet. secs. 25 and 36
	Ascending, in timber
31,75	Top of main ridge between Plateau Valley and Daniels cañon; course N 20° E and S 25° W. 485 ft. above cor.-
	Begin descent
40,10	Set a lava stone 21 x 10 x 6 ins. 15 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
	No trees of proper size within limits
80,20	The cor. of secs. 25-26-35 and 36
	This cor. stands 590 ft. below top of ridge
	Land mountainous
	Soil rocky and gravely 3d rate
	Timber aspen, mostly small size and pine in bunches of poor growth
	Mountainous land 8020 chs.-
	N 0° 11' W. bet secs. 25 and 26
	On rolling slope W. in timber
4,00	Set a lava stone 18 x 9 x 6 ins. 12 ins. in the ground for 1/4 sec cor. marked 1/4 on W. face, from which
	An aspen tree 6 ins. diam. bears S 69° 55' E 18 lks. dist. marked 1/4 S. B.T.
	An aspen tree 5 ins. diam. bears. S 3° 15' W 6 lks. dist. marked 1/4 S B.T.
[illegible]	[illegible]

Subdivision of T 24 S R 21 E

Chains	
8,00	Set a lava stone 18 x 10 x 7 in 12 in in the ground for cor of secs. 23-24-25 and 26 marked with + 2 notches on S. and 1 notch on E. edges from which An aspen tree 5 in. diam. bears N 49° 45' W. 38 lks. dist marked T 24 S R 21 E S 23 B.T. An aspen tree 6 in diam. bears N 65° 30' E 89 lks. dist. marked T. 24 S R. 21 E. S. 24 B.T. No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Land mountainous rolling, broken slope. Soil gravelly and stony 3d rate Timber aspen of small size and scattering pine Mountainous land 8,00 chs.
	S 89° 39' E. on a random line bet. secs. 24 and 25
4,00	Set stone W¼ sec. cor.
8,00	Intersect E. bdy. of Tp. 28 lks. S of cor. of secs. 19-24-25 and 30
	Thence S on N 89° 67' W. on a true line bet. secs. 24 and 25 Ascending rocky slope in timber
3,30	Top of ridge 50 ft. above cor. bears S 15° W and N 15° E Descending on even slope
4,00	Set a lava stone 18 x 10 x 8 in. 12 in. in ground for ¼ sec. cor. marked ¼ on N. face from which A pine tree 11 in. diam. bears S 47° 34' W. 82 lks. dist marked ¼ S. B.T. A pine tree 15 in. diam. bears N 71° 30' E. 69 lks. dist. marked ¼ S. B. T.
8,00	The cor. of secs. 23-24-25 and 26 This cor. stands 900 ft. below top of ridge Land mountainous, steep slope Soil gravelly and rocky 3d rate Timber pine on E half & on W half pine and aspen Mountainous land 8,00 chs.
	N 0° 1' W. bet. secs. 23 and 24 Descending gradually on broken W. slope
0,34	Enter timber bears E and W.
4,00	Set a blazed stone 18 x 9 x 7 in. 12 in. in the

chains	raised a mound of stones 2 ft. base 1½ ft. high W. of cor. – Pits impracticable
	No bearing trees of proper size within limits
51,75	Bottom of ravine 90 ft. deep course N 60 W.
	Ascending gradually on W. slope to
75,00	Top of spur running W.
	Descend gradually
80,00	Set a lava stone 18 x 9 x 8 ins. 12 ins. in the ground for cor. of secs. 13-14-23 and 24 marked with 3 notches on S and 1 notch on E edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. – Pits impracticable
	This cor. stands on N.W. slope in aspen brake
	Land mountainous
	Soil gravely and rocky 3d rate
	Timber aspen of small size and dense
	Mountainous land 80,00 chs.
	July 19: At this cor. I set off 20°49' N. on the decl. arc and at 12h 6' p.m., l.m.t. observe the sun on the meridian; the resulting lat. is 38°42'30"
	S 89° 57' E on a random line bet. secs. 13 and 24
40,00	set temp. 1/4 sec cor.
79,90	Intersect E. bdy. of Tp. at cor. of secs. 13-18-19 and 24
	Thence I run
	N 89° 57' W on a true line bet. secs 13 and 24
	Ascending on E. slope
0,80	Enter timber bears N. and S.
11,20	Top of ridge 245 ft. above sec cor. bears nearly N. and S.
	Descend on broken slope
39,95	Set a lava stone 24 x 11 x 6 ins. 18 ins. in a mound of stones 2½ ft. base for 1/4 sec. cor. marked 1/4 on N face: from which
	a pine tree 10 ins. diam. bears S 46° 50' E 66 chs. dist. marked 1/4 S.B.T.
	An aspen tree 6 ins. diam. bears N. 21° 45' W. 34 chs. dist. marked 1/4 S B.T.
79,90	The cor. of secs. 13-14-23 and 24
	This cor. stands 960 ft. below top of ridge
	Land mountainous
	Soil rocky and gravely 3d rate
	Timber pine and [illegible]

Subdivision of T 24 S R 16

chains	Mountainous land 79.90 chs.
	N. 0° 1' W. bet. secs. 13 and 14
	Ascending on rolling slope W. in timber
25,00	Top of ridge running N 80° W. 150 ft. above cor
	Descend to
36,90	Bottom of ravine 60 ft. deep course N. 75° W.
	Ascend
40,00	Set a trachyte stone 18 x 9 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 ft. base 1½ ft. high W. of cor. – Pits impracticable. –
	No trees of proper size within limits
52,00	Top spur running N. 70° W. 90 ft. above 1/4 sec. cor.
	Begin descent on steep rugged slope N. to
75,26	Stream 4 lks. wide in bottom of narrow gulch 800 ft. below Top of spur; course N 70° W.
	Ascend in oak brush
80,00	Set a lava stone 18 x 10 x 9 ins. 12 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; raised a mound of stones 2 ft. base 1½ ft. high W of cor. Pits impracticable. –
	This cor. stands on S.W. slope in heavy oak brush 140 ft. above stream
	Land Mountainous.
	Soil gravely and rocky 3d rate
	Timber aspen of small size but dense
	Mountainous land 80,00 chs.
	S 89° 51' E on a random line bet. secs. 12 and 13
40,00	Set temp. 1/4 sec. cor.
80,00	Intersect E. bdy. of Tp. 20 lks. S. of cor. of secs. 7-12-13 and 18
	Thence I run
	West on a true line bet. secs. 12 and 13
	Descending on N.W. slope in aspen brush
11,20	Enter dense willow tangle bears N.W. and S.E.
12,00	Spring branch 2 lks. wide course N.W. in gulch 50 ft. deep
12,82	Leave willow and ascend gradually on rolling slope
16,41	Road from Grass Valley to Fish Lake course N 55° W

Subdivision of T. 24 S. R 1 E

chains	
21,83	Wood road runs S.
23,25	Enter aspen timber bears N.W. and S.E.
31,65	Spring branch 3 lks. wide course N.W.
35,70	" " 3 " " " " "
38,90	Leave timber
40,00	Set a lava stone 21×9×6 ins. 16 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. -
41,20	Enter aspen brake
44,00	Top of spur running N.W. 90 ft. high. Begin descent on broken slope.
66,00	Leave aspen brake bears N and S; enter oak brush
80,00	The cor. of secs. 11-12-13 and 14 This cor. stands 385 ft. below top of spur. Land mountainous Soil gravelly and rocky 3d rate. Timber aspen of small size, mostly brake Mountainous land 80,00 chs. -
	N 0° 1' W. bet. secs. 11 and 12 Ascending in oak brush
4,50	Top of spur running W. 75 ft. above cor. Begin gradual descent on W slope
16,80	Road from Grass Valley to Fish Lake course N. 75° E and S. 75° W. in bottom draw running S W. Ascend to
27,50	Top of divide bears E and W.; at head of two gulches in low pass or saddle Begin descent
32,50	Head of gulch course N. 25° E 75 ft. below divide thence on E. slope
40,00	Set a trachyte stone 18×11×6 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
44,00	Top of ridge bears N.E. and S.W.; 75 ft. high Descend to
[illegible]	Bottom of draw 5 ft. deep course W Ascend to -
[illegible]	Top of ridge 45 ft. high [illegible]

Subdivision of T 24 S R 1 E

Chains	
	Descend on N. W. slope
80,00	Set a lava stone 18×8×6 ins. 12 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.
	Land mountainous rolling and sloping
	Soil gravely and stony 2nd and 3d rate
	No timber; aspen and oak brush, part way. -
	Mountainous land 80,00 chs. -
	East on a random line bet. secs. 1 and 12
40,00	Set temp. 1/4 sec. cor.
80,00	Intersect E. bdy of Tp. 15 lks. N. of cor. of secs. 1-6-7 and 12
	Thence I run
	N 89° 54' W. on a true line bet. secs. 1 and 12
	Ascending on E. slope in oak brush
7,85	Top of break to Lost Creek 320 ft. above cor.; bears N. and S.
	Ascending gradually on N. slope
23,00	Top of spur running N.
	Begin descent on rolling slope
34,50	Stream 4 lks. wide in gulch 240 ft. deep. course N.; a stock coral bears N 10° E. 5,00 chs. dist.
40,00	Set a lava stone 17×9×6 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
-	This cor. stands on top of spur 150 ft. high running N. -
	Descend to
54,00	Stream 4 lks. wide in gulch 200 ft. deep course N.
	Ascending on rolling slope
57,65	Road to coral bears N. and S.
60,40	Spring branch 2 lks. wide course N 20° W.
71,75	Top of spur running N.
	Descend to
80,00	The cor. of secs. 1-2-11 and 12
	Land mountainous, rolling and rugged
	Soil gravely wash stony 3d rate
	[illegible]

Subdivision of T 24 S R 1 E

Chains	Brush scattering Mountainous land 8,00 chs.
	N 0°1' W. bet. secs. 1 and 2 Descending on rolling slope on E. edge of gulch
2,00	Ravine course N.W. 175 ft. below cor.; thence along edge of marsh
4,00	Set a trachyte stone 18 x 7 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
4,90	Begin ascend gulch course N.W.
6,75	Top of slope, and ridge bears N.W. and S.E. Descend on broken slope
8,22	Intersect N. bdy. of Tp. 14,20 chs. W. of cor. of secs. 35 and 36 which is a stone firmly set marked and witnessed as described by the surveyor general. — Set a lava stone 21 x 10 x 6 ins. 16 ins. in the ground for closing cor. of secs. 1 and 2 marked C.C. on S. with 1 grove on E. and 5 grobed on W. faces; raised a mound of stones 2 ft. base 1½ ft. high S. of cor. — Pits impracticable Land mountainous rolling and broken Soil gravely wash stony 3d rate No timber; oak brush in patches — Mountainous land 8,22 chs — July 19, 1895
	From the cor. of secs. 2-3-34 and 35 on S. bdy of Tp. 2 nor. N. 0°1' W. bet. secs. 34 and 35
2,00	Descending gradually on W. slope, broken and rolling
37,90	Stream 3 chs. wide in bottom of ravine 5 ft. deep course W. ascending W.
4,00	Set a lava stone 18 x 8 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face — Pits impracticable Thence over rolling slope W.
8,00	Set a trachyte stone 18 x 8 x 5 ins. 12 ins. in the ground for cor. of secs. 26-27-34 and 35 marked

correction notes for Tp. 24 — note #1

Subdivisions of T 24 S R 1 E

drains	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 This cor. stands 300 ft. below cor. of secs. 2-3-34 and 35 Land mountainous, steep rolling slope Soil gravelly with many boulders of all sizes 3rd rate Timber a fringe of aspen of small size above chaparral and oak brush scattering Mountainous land 80.00 chs.
	S. 89° 39' E. on a random line bet. secs. 26 and 35
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line 2 lks. S of cor. of secs. 25-26-35 and 36 Thence 9 runs N 89° 48' W. on a true line bet. secs. 26 and 35 Descending on W. slope, rough and broken; in timber
40.00	Set a lava stone 18 x 9 x 8 ins. 12 ins. in the ground for ¼ sec. cor. marked ¼ on N. face from which An aspen tree 5 ins. diam. bears N 20° 0' W. 5 lks. dist. marked ¼ S 13 T' An aspen tree 5 ins. diam. bears N 79° 50' E 21 lks. dist. marked ¼ S. 13. T.
44.50	Leave timber bears N. and S.
80.00	The cor. of secs. 26-27-34 and 35 This cor. stands 97½ ft. below cor. of secs. 25-26-35 and 36 Land mountainous, rough broken slope Soil gravelly and stony 3rd rate Timber aspen of small size and a few pine scattering Mountainous land 80.00 chs.
	N 0° 11 W. bet. secs. 26 and 27 Over rolling slope W. in oak brush
14.75	Dry wash in ravine 40 ft. deep course W. Ascend W
34.30	Top of spur 70 ft. high running W. Descend W
40.00	Set a lava stone 22 x 10 x 5 ins. 17 ins. in the ground for ¼ sec. cor. marked ¼ on W. face; raised a

Subdivision of T 24 S R 1 E

chains	
	Pits impracticable
53,52	Stream 3 lks wide in ravine 35 ft. deep course W.
	Ascend it
72,40	Top of spur 85 ft. high runs W.
	Descending
74,00	Enter timber bears E. and W.
80,00	Set a lava stone 18 x 9 x 7 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 An aspen tree 6 ins. diam. bears N. 80° 15' E. 23 lks dist. marked T 24 S R 1 E S 23 B.T. An aspen tree 7 ins. diam. bears S 0° 30' E 71 lks. dist. marked T 24 S R 1 E S 26 B.T. An aspen tree 5 ins. diam. bears S 46° 20' W. 75 lks. dist. marked T 24 S R 1 E S 27 B.T. An aspen tree 4 ins. diam. bears N 64° 45' W. 96 lks. dist. marked T 24 S. R. 1 E. S. 22 B.T.
	Land mountainous, steep rolling slope
	Soil gravely and rocky 3d rate
	Timber aspen of small size. -
	Mountainous land 80.00 chs.

	S 89° 48' E on a random line bet. secs. 23 and 26
40,00	Set limp. 1/4 sec. cor.
80,22	Intersect N. and S. line 10 lks. N of cor. of secs. 23-24-25 and 26
	Thence N 89° 44' W. on a true line bet. secs. 23 and 26 Descending on rugged slope
4,70	Enter timber bears N. and S.
33,46	Stream 4 lks. wide in bottom of gulch 30 ft. deep course N 80 W.
	Thence on side of gulch
40,11	Set a trachyte stone 17 x 10 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 No trees of proper size within limits
80,22	The cor. of secs. 22-23-26 and 27
	This cor. stands 930 ft. below cor of secs. 23-24-25 and 26
	Land mountainous, steep broken slope
	Soil gravelly sand and bowlder

Subdivision of T 24 S R 1 E

chains	
	Timber aspen and cedar of small size Mountainous land 80,22 chs. -
	N 0°1' W. bet. secs. 22 and 23 Descending in timber W
3,90	Stream 5 lks. wide in gulch 15 ft. deep course W.
	Ascending on W slope gradually
6,00	Leave timber bear. N.E. and S.W.: thence in oak brush
10,00	Top of spur 60 ft. high running W: thence on rolling W. slope
40,00	Set a lava stone 18 x 8 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 ft. base 1½ ft. high W. of cor Pits inspected. -
67,00	Top of spur running W; begin descent in timber bear E. and W
68,95	Dry wash in gulch 65 ft. deep course N.
	Ascending gradually; leave timber
80,00	Set a lava stone 18 x 7 x 6 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 inspected. -
	Land mountainous, steep rolling slope
	Soil gravelly wash and huge lava boulders. Stone
	Timber aspen of small size; oak brush scattering
	Mountainous land 80,00 chs. -
	July 20: At this cor. I set off 20°37'30" E. on the decl. and at 12h 6m p.m., I.m.2 observed the sun on the meridian: the resulting bet. is 38°43'30" ✓
	S 89°44' E on a random line bet. secs. 14 and 23
4,00	Set limp. 1/4 sec cor.
80,06	Intersect N. and S line 30 lks. S of cor. of secs. 13-14-23 and 24
	Thence S mag N 89°6'7" W. ✓ on a true line bet. secs. 14 and 23
	Ascending on W. slope in aspen brake and brush
40,03	Set a lava stone 17 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 [illegible] ft. -

Subdivision of T. 24 S. R 1 E

chains

52,78 Stream 3 lks. wide in gulch 35 ft. deep course N 80° W

59,50 Leave brake enter oak brush; bears NW and SE

80,06 The cor. of secs. 14-15-22 and 23

This cor. stands 920 ft. below cor. of secs. 13-14-23 and

Land mountainous, steep broken slope

Soil gravely wash and bowlders. 3d rate

Timber aspen brake of small size

Mountainous land 80,06 chs.

N 0° 1' W. bet. secs. 14 and 15

Descending gradually on W. slope

5,06 Stream 3 lks. wide in gulch 30 ft. deep course W.

Ascend to

15,00 Top of spur 60 ft. high running W

Begin gradual descent

23,50 Ravine 50 ft. deep course W.; thence ascending to

34,00 Top of spur 170 ft high course W.

Descending

36,40 Enter aspen brake bears E. and W.

38,90 Stream 4 lks. wide in bottom of gulch 200 ft. deep course W.; begin ascent and leave timber bears E and

40,00 Set a lava stone 18 x 9 x 7 ins. 12 ins. in the g 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. —

Thence on rolling slope ascending to

65,50 Top of spur running S. 75° W 340 ft. above stream

Descending on broken slope

68,33 Old road bears. E. and W. at head of draw course W

Ascend to

77,00 Top of spur runs. N 75° W.

Descending gradually

80,00 Set a lava stone 24 x 9 x 6 ins. 18 ins. in a mound of stones 2½ ft. base on flat top of bowlder 8 x 8 ft. wide 3 ft. above ground. for cor. of secs. 10-11-14 and 15 marked with 4 notches on S. and 2 notches on E. edges.

Pits impracticable. —

No natural bearing objects could be obtained within limits

Land mountainous broken and rolling

Soil gravely wash and bowlders. 3d rate

Subdivision of T 24 S R 1 E

Chains	Mountainous land 80,00 chs -
	S 89° 57' 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 at cor. of secs. 11-12-13 and 14
	Thence I run;
	N 89° 57' W. on a true line bet. secs. 11 and 14
	Descending in oak brush, on S.W. slope
7,96	Stream 4 lks. wide course N.W.; in bottom of narrow gulch 200 ft. below cor. -
	Enter Alder and aspen brake bears N W and S E and descend on N W. slope
27,00	Leave brake at foot of slope, bears N.E. and S.W.
	Enter sloping bench and dense undergrowth -
31,55	Same stream 4 lks wide course S. W.
40,05	Set a lava stone 18 x 10 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.
	A log cabin now deserted, by side of a large spring flowing N.W. bears. S 27° 30' W. 20.62 chs. dist.
	Descending gradually on S.W. slope
57,20	Sweet Water Creek 5 lks. wide entering narrow gulch at this point. course N. 30° W. in fringe of alder brush. -
	Begin ascent: leave dense undergrowth -
69,00	Top of slope, and ridge bears. N 25° W and S 25° E 250 ft. above creek.
	Descend
80,10	The cor. of secs. 10-11-14 and 15
	This cor. stands 100 ft. below top of ridge
	Land mountainous; rolling hillside and creek bottom
	Soil gravely wash and boulders 2nd and 3d rate -
	Timber aspen brake and fringe of alder along stream
	Dense undergrowth of oak. wild rose and sagebrush
	Mountainous land and dense undergrowth 80,10 chs -
	July 20. At 3h 30m p.m. l.m.t. I set off 38° 44' on the lat. arc and 20° 36' N. on the decl. arc and determine a true meridian with the solar at the cor. of secs. 10-11-14 and 15

Subdivision of T 24 S R 16

chains N. 0° 1' W. bet. secs. 10 and 11
Over rolling slope, descending to
3,00 In head of draw course N.W.
Ascend to
20,00 Top of spur 95 ft. high running W.
Descend gradually
31,35 Road from Grass Valley to Fish Lake course S.W. and E. in head of gulch draining S.W and 4,00 chs. W. of divide thence down way to creek
Ascend gradually
40,00 Set a lava stone 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, —
43,30 Top of ridge bears N 13° W and S 13° E., and spur runs W. —
Begin descent on broken slope
80,00 Set a trachyte stone 18 x 7 x 6 ins. 12 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; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. — Pits impracticable
This cor stands on E. slope 250 ft. below top of ridge. —
Land mountainous broken and rolling
Soil gravelly wash and rocky 3d rate
No timber; oak brush scattering
Mountainous land 8,00 chs.

S 89° 57' E. on a random line bet. secs. 2 and 11
40,00 Set temp 1/4 sec. cor.
79,84 Intersect N and S. line 8 lks. S of cor. of secs. 1-2-11 and 12
Thence Same
West on a true line bet. secs. 2 and 11
Descending
4,80 Bottom of gulch course N. 50 ft. below cor
Ascending. to
13,10 Top of spur running N. 100 ft. above gulch
Descending gradually on rolling slope N.
39,92 Set a lava stone 16 x 8 x 5 ins. 11 ins. in the ground

Subdivision of T 24 S R 1 E

chains	An aspen tree 4 ins. diam. bears. S 36° 0' W. 24 lks. dist. marked 1/4 S. B. T.
	An aspen tree 4 ins. diam. bears. S 40° 12' E 14 lks. dist. marked 1/4 S B.T.; raised a mound of stones 2 ft. base 1 1/2 ft. high N. of cor.
61,02	Sweet Water Creek 3 lks. wide in bottom of narrow gulch 300 ft. deep course N.
	Ascend to
79,84	The cor. of secs. 2-3-10 and 11
	This cor. stands 415 ft. above creek.
	Land mountainous
	Soil gravely wash and bowlders. 3d rate
	No timber; oak and aspen brush most of the way
	Mountainous land 79,84 chs.
	N 0° 1' W. bet. secs. 2 and 3
	Descending in oak brush on N E slope
39,00	Descent becomes steep and broken
40,00	Set a lava stone 18 x 10 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 1 1/2 ft. high W. of cor. - Pits impracticable
77,06	Sweet Water Creek 3 lks. wide in gulch 850 ft. below cor. of secs. 2-3-10 and 11 course N.W.
80,62	Intersect N. bdy. of Tp. 14,07 chs. W. of cor. of secs. 34 and 35 which is a stone firmly set marked and witnessed as described by the surveyor general
	Set a lava stone 17 x 9 x 6 ins. 12 ins. in the ground for closing cor. of secs. 2 and 3 marked C. C. on S. with 2 groves on E and 4 groves on W. faces; raised a mound of stones 2 ft. base 1 1/2 ft. high S. of cor. - Pits impracticable
	Land mountainous
	Soil gravely wash and rocky 3d rate
	No timber; oak brush
	Mountainous land 80.62 chs.
	July 20. 1895
	July 21: At 7h 10m a.m., t.m.t. I set off 38° 41' on the lat. arc and 20° 29' N. on the decl. arc and determine a true meridian with the solar at the cor.
	- - 34 on S.L. of Tp.

Subdivision of T 24 S R 1 E

Chains	
	Thence S cur
	N 0°2' W. bet. secs. 33 and 34
	On rolling slope W. in timber
3,50	Leave timber bears E and W
29,00	Top of spur 60 ft. high running W.
	Descend to
35,50	Bottom of slope bears N.E. and W.; enter marshy meadow
40,00	Set a lava stone 18×7×6 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
	A stock coral bears. N 46°30' W. 15,00 chs. dist.
42,20	Stream 2 lks wide course W.
46,50	Leave meadow bears. E. and N.W.; and ascend
49,60	Top of spur running W. 30 ft. high.
	Begin descent
53,75	Bottom of slope bears. N.E. and S.W.; enter creek bottom
54,40	Stream 4 lks. wide course S.W.
55,00	Ascend on slope bears. N E and S.W.
61,00	Top of spur running E 60 ft. high; descend to
63,15	Foot of slope bears. N.W. and S.E. enter creek bottom and dense undergrowth
64,87	Stream 4 lks. wide course S.E
77,80	Same stream 4 lks wide course S.W.
80,00	Set a trachyte stone 18×9×8 ins. 12 ins. in the ground for cor. of secs. 27-28-33 and 34 marked with 1 notch on S. and 3 notches on E. edges. raised a mound of stones 2 ft. base 1½ ft. high W. of cor
	Pits impracticable
	Land mountainous, slope, and marshy meadow and creek bottom
	Soil gravelly wash and bowlders on slope and bottom; meadow sandy loam 1st and 3d rate
	Timber, mountain mahogany; dense undergrowth of sagebrush weeds and thorn
	Mountainous land and dense undergrowth 69,00 chs.
	S 89°39' E on a random line bet. secs. 27 and 34
4,00	Set temp 1/4 sec. cor.
7,92	Intersect N and S. line 33 lks. S of cor. of secs. 26-27 34 and 35
	Thence S cur

Subdivision of T 24 S 12 E

Chains	
	N 89° 59' W. on a true line bet. secs. 27 and 34.
	Descending on rolling or slope
0,70	Bottom of gulch course N.
	Ascend W
3,50	Top of moraine ridge bears N and S 100 ft. high
	Descending
39,96	Set a lava stone 18 x 10 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 unpracticable.
69,45	Foot of slope bears N and S. 8 60 ft. below cor. of secs. 26-27-34 and 35; entered creek bottom and dense undergrowth
73,70	Stream 4 lks wide course S.W.
79,92	The cor. of secs. 27-28-33 and 34
	Land mountainous slope and rolling creek bottom soil gravelly sand and boulders. 2nd and 3d rate No timber: dense undergrowth of sagebrush weeds and thorn
	Mountainous land and dense undergrowth 79.92 chs
	N 89° 39' W. on a random line bet. secs. 28 and 33
40,00	Set iron 1/4 sec. cor.
63,05	Intersect N. and S. line 16 lks N. of cor. of secs. 28-29-32 and 33 which is a stone firmly set marked and witnessed as described by the surveyor general.
	Thence N
	S. 89° 46' E on a true line bet. secs. 28 and 33
	Ascending on W. slope
22,25	Top of ridge 300 ft. above cor. bears N and S
23,05	Set a lava stone 21 x 9 x 5 ins - 16 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 unpracticable
23,36	Descend
44,20	Foot of slope 300 ft. below 1/4 sec. cor. bears N and S.
	Entered shallow draw
48,20	Begin ascent bears N and S.
58,00	Top of ridge 40 ft. high bears N and S
	Descend W
61,54	Foot of slope bears N and S.; entered creek bottom

Subdivision of T 24 S R 1 E

chains	Land mountainous, rolling, rough and broken. Soil gravely wash and boulders 3rd rate. Timber, a few scrubby mahogany and cedar scattering. Mountainous land 63,05 chs.
	N 0° 2' W bet. secs. 27 and 28.
	In creek bottom and dense undergrowth.
3.40	Leave creek bottom bears. N. E. and S. W. and ascend
12,70	Top of ridge 140 ft. high. bears. N 30° E and S 15° W.
	Descend gradually on rolling slope
40,00	Set a lava 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 stones 2 ft. base 1 1/2 ft. high W. of cor. - Pits impracticable
45,00	Enter bottom of open gulch course S. 25° W
48,00	Old wood road from S.W. turns N.: thence along road
55,25	Leave road, turns N. E.
62,00	Leave bottom of gulch bears. N E and S.W.; and ascend gradually
73,00	Begin ascent on broken slope. bears. N E and S.W.
80,24	Intersect S. bdy. of sec 21. 17,50 chs. W. of cor. of 21-22-27 and 28
	Set a lava stone 18 x 7 x 6 ins. 12 ins. in the ground for closing cor. of secs. 27 and 28 marked C.C. on S. with - 3 grooves on E and 2 on S faces; raised a mound of stones 2 ft. base 1 1/2 ft. high S. of cor. - Pits impracticable. -
	Land mountainous rolling, and gulch and creek Soil gravely wash and boulders. 2nd and 3rd rate No timber: dense undergrowth of sagebrush, oak brush and thorn
	Mountainous land and dense undergrowth 80,24 chs.
	From cor. of secs. 22-23-26 and 27 I run N 89° 53' W. on a random line bet. secs. 22 and 27
40,00	set limb. 1/4 sec. cor.
62,60	The cor. of secs. 21-22-27 and 28 bears N. 38 lks. dist. being a stone firmly set marked and witnessed as described by the Surveyor-general. -

chains	
	Thence On my S. 89° 32' E. on a true line bet. secs. 22 and 27 Ascending on broken slope in oak and mahogany brush
22,60	set a lava stone 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
62,60	The cor. of secs. 22-23-26 and 27 This cor stands 6 30 ft. above cor. of secs. 21 and 22 Land mountainous soil gravely wash and huge boulders. 3d rate No timber; oak, mahogany and some aspen brush 62,60 chs. Mountainous land 62,60 chs. July 21: The sky being overcast during the morn hour I was unable to observe the sun on the meridian.

	From cor. of secs. 14-15-22 and 23 On my N. 89° 32' W. on a random line bet. secs. 15 and 22
4,00	Set stone 1/4 sec cor
62,48	The cor. of secs. 15-16-21 and 22 bears S. 16 lks. dist. being a stone firmly set marked and witnessed as described by the surveyor general. I obliterate the marks on E. edge making this the cor. of secs. 21 and 22: and raise a mound of stones 2 ft. base 1½ ft. high S. of cor. Thence On my S 89° 40' E on a true line bet. secs. 15 and 22 Ascending gradually in marshy meadow in dense undergrowth
5,70	Old log cabin deserted and partly decayed bears. South 15,76 chs. dist.
6,50	Leave meadow and dense undergrowth. bears. N and S and ascend on broken, rolling slope
22,48	Set a lava 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
42,28	Stream 3 lks. wide in gulch 30 ft. deep. course S W.
62,48	The cor. of secs. 14-15-22 and 23 This cor stands 6 00 ft. above cor. of secs 21 and 22

Subdivision of T 24 S R 1 E

Chains	
	Soil gravely wash and sandy loam covered with bowlders 2nd and 3d rate No timber; mahogany and oak brush; and thorn and weeds undergrowth Mountainous land and dense undergrowth 62,48 chs.
	From cor. of secs 10-11-14 and 15 True West on a true line bet secs. 10 and 15 Descending on broken slope, in oak brush
16,60	Old road bears S.E and N.W.
4,00	Set a trachyte stone 17x10x9 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
5,00	Head of gulch 600 ft. below sec. cor. course S.W. thence on S. slope descending gradually
8,00	Set a lava stone 18x7x6 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 Land mountainous, rolling slope Soil gravely wash and bowlders. 3d rate No timber; oak brush scattering Mountainous land 80,00 chs. –
	S 0°2' E bet secs. 15 and 16 Descending in oak brush
5,40	Bottom of gulch 150 ft. below cor. course W. Ascend
16,00	Top of spur running N. 200 ft. above gulch; thence over rolling slope N.
36,12	Top of spur running S.W. Beg in descent on S. slope
[illegible]	Set a trachyte stone 22x10x5 ins. 16 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
74,95	West Fork of Lost Creek 8 lks. wide course W. in bottom of gulch 290 ft. below top of spur. Road bears E & W Ascends to
79,52	Intersects N. bdy of secs. 21 1744 chs. W. of cor. 1

Subdivision of T. 24 S. R. 1 E.

Chains	Secs. 21 and 22
	Set a brachyte stone 21 x 11 x 8 ins. 16 ins. in the ground for closing cor. of secs. 15 and 16 marked C.C. on N. with 3 grooves on E. and S. faces; raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits impracticable.
	This cor. stands on N. slope in huge boulders and 65 ft. above creek.
	Land mountainous
	Soil gravely wash and boulders. 3d rate
	No timber; oak brush scattering
	Mountainous land 79.52 chs.
	From cor. of secs. 9-10-15 and 16 I run
	West on a random line bet. secs. 9 and 16
41.00	At limp. 1/4 sec. cor.
62.64	Intersect N. and S. line 34 lks S. of cor. of secs. 8-9-16 and 17 which is a stone firmly set marked and witnessed as described by the surveyor general, I obliterate the marks on E edge of stone marking it the cor of secs. 16 and 17 and raise a mound of stones 2 ft. base 1½ ft. high S of cor.
	Thence I run
	S. 89° 41' E. on a true line bet. secs. 9 and 16
	Ascending on N. W. slope in oak brush
22.64	Set a brachyte stone 18 x 9 x 7 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.
42.66	Top of ridge 320 ft. above cor of secs. 16 and 17 bears N. E. and S. W.
	Begin descent
54.70	Bottom of ravine 240 ft. below top of ridge course S
	Ascend it
62.64	The cor. of secs. 9-10-15 and 16
	Land mountainous
	Soil gravely and rocky 3d rate
	No timber; oak brush scattering
	Mountainous land 62.64 chs.
	N. 0° 21' W. bet. secs. 9 and 10

Subdivision of T. 24 S. R. 1 E.

Chains	
17,00	Top of ridge 275 ft. above sec. cor. bears N E and S W
	Descend
27,60	Bottom of gulch 160 ft. deep course from E. to S. 75° W.
	Begin ascent
30,30	Road from Grass Valley to Fish Lake course N 75° E and S 75° W.
37,25	Top of ridge sloping E. to saddle, bears E. and W. 200 ft. above bottom of gulch
	Begin gradual descent over rolling surface
40,00	Set a lava stone 18 x 10 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
57,00	Head of gulch 90 ft. deep course W. -
	Ascend to
66,05	Top of ridge 140 ft. high bears W. and S. E.
	Descend to
75,12	Road from Sevier Valley to Fish Lake course E and W. in bottom of gulch 180 ft. deep: drains E., 5,00 chs. E of divide. -
	Ascend on E slope in scattering cedars
80,00	A fragment of rock 3 x 2 x 2 ft. on top of a ledge of rock 10 ft. high facing E., for cor. of secs. 3-4-9 and 10 marked with 5 notches on S and 3 notches on E. edges. from which
	A cedar tree 6 in. diam. bears N 32° 15' W. 10 lks. dist. marked T. 24 S. R. 1 E. S. 4 B.T.
	A cedar tree 6 in diam. bears S. 6° 0' W. 68 lks. dist marked T. 24 S R 1 E S 9 B.T.
	No other trees within limits, raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	Land mountainous
	Soil gravely and rocky 3d rate
	Timber a few scrubby cedar scattering
	Mountainous land 80,00 chs.
	July 21, 1895
	East on a random line bet. secs. 3 and 10
40,00	Set temp. 1/4 sec. cor.
80,00	Intersect N and S line at cor. of secs. 2-3-10 and 11
	[illegible]

Subdivision of T 24 S R 1 E

Chains	
	West on a true line bet. secs. 3 and 10
	Ascending for oak brush
5,15	Top of ridge 60 ft. above cor. bears N 25° W and S. 20° E. —
	Begin descent on broken slope
40,00	Set a lava stone 19 x 10 x 7 ins. 14 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
75,80	Dry wash in bottom of gulch 725 ft. below top of ridge course N.
75,92	Road to water bears N and S.
	Ascend in scattering cedar
87,00	The cor. of secs. 3-4-9 and 10
	This cor. stands 65 ft. above road
	Land Mountainous
	Soil gravely and rocky 3d rate
	Timber a few scrubby cedar; and oak brush.
	Mountainous land 80,00 chs.

	N 0° 2' W bet. secs. 3 and 4
	Descending on broken slope in scattering cedars.
15,90	Spring branch 2 lks. wide in bottom of gulch 260 ft. below cor. course N. 35° W.
	Ascend on W slope, broken and rolling
35,00	Leave cedar enter oak brush bears E and W.
38,00	Top of spur running W. 200 ft. above gulch
	Descend
40,00	Set a trachyte stone 18 x 7 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.
41,00	Bottom of ravine 50 ft. deep course W.
	Ascending to
50,82	Top of ridge 90 ft. high bears N 75° W and S 75° E
	Descend to
56,90	Bottom of gulch 125 ft. deep course N. W.
	Begin ascent
81,14	Intersect N. bdy of Tp. 14.65 chs. W. of cor. of secs. 33 and 34 which is a stone firmly set. marked and witnessed as described by the surveyor

Subdivision of T 24 S R 1 E

Chain	Set a trachyte stone 17 x 8 x 6 in. 12 in. in the ground for closing cor. of secs. 3 and 4 marked C.C. on S with 3 groves on E and W. faces; raised a mound of stones 2 ft. base 1½ ft. high S of cor. Pits impracticable.—
	Land mountainous
	Soil gravely and rocky 3d rate
	Timber scrubby cedar; and oak brush
	Mountainous land 81,14 chs.
	July 22: at 8h 45m a.m., 7 m.t. I set off 38°45' on the lat. arc, and 20°16' 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
	West on a random line setting temp. ¼ sec. and sec. cors. at intervals of 40,00 chs.; and at 222,78 chs. Intersect the Salt Lake meridian 32 lks. S. of cor. of secs. 1-6-7 and 12 T 24 S R S 1 E and 1 W which is a stone firmly set marked and witnessed as described by the surveyor general.—
	The falling answers to a correction of 0°5', or 12 lks. N. per mile counting from the cor. of secs. 3-4-9 and 10: therefor I run
	S. 89° 55' E. on a true line bet. secs. 6 and 7
	Descending on broken slope
22,78	Set a lava stone 18 x 10 x 5 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.—
25,40	Edge of break to canon; bears N.E. and S.W.; begin precipitous descent on rocky cliffs
34,00	Bottom of canon 400 ft. deep. from S.W. turns N.W.
35,40	Lost Creek, west fork 6 lks. wide course N.W.
36,70	Begin ascent in rocky cliffs bears N and S
45,14	Top of canon 320 ft. above stream, bears N and S
47,00	Begin descent
51,23	Bottom of ravine 60 ft. deep course N.W.
	Ascend
62,78	Set a trachyte stone 18 x 10 x 8 in. 12 in. in the ground for cor. of secs. 5-6-7 and 8 marked

Subdivision of T 24 S R 1 E

Chains	mound of stones 2 ft. base 1 1/2 ft. high W of cor. Pits impracticable.- Land mountainous Soil rocky and gravely 3d and 4th rate Two timber.- Mountainous land 62,78 chs.
	S. 89° 55' E. on a true line bet. secs. 5 and 8 Descending on N. slope
19,40	Bottom of gulch 115 ft. deep. course N.W., ascend gradually
25,00	Enter cedar timber bears N.W. and S.E.
4000	Set a lava stone 18 x 8 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, from which A cedar tree 14 ins. diam. bears. S 52° 0' W. 47 lks. dist. marked 1/4 S B.T. A cedar tree 16 ins. diam. bears N. 26° 30' E 102 lks. dist. marked 1/4 S.B.T.; raised a mound of stones 2 ft. base 1 1/2 ft. high N. of cor.
50,00	Leave cedar timber bears N and S.
78,00	Top of slope and ridge bears. N. and S 175 ft. high
80,00	Set a lava stone 18 x 11 x 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 1 1/2 ft. high W. of cor. Pits impracticable.- Land mountainous rolling Soil gravely wash and bowlders. 3d rate Timber cedar. Mountainous land 8,00 chs.- July 22: At this cor I set off 20° 14' N. on the deel. arc and at 12h 6m p.m., l.m.t. observe the sun on the meridian; the resulting lat. is 38° 45'
	S 89° 55' E on a true line bet. secs. 4 and 9 Descending
8,43	Road from Grass Valley to Sevier Valley bears N and S in head of gulch draining N 4,00 chs N of divide Ascend on N slope
12,00	Enter timber bears N and S
24,00	Top of spur running N 200 ft. high.

Subdivision of T. 24 S. R. 1 E.

Chains

40,00 Set a Trachyte stone 21 x 11 x 6 ins. - 16 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. —

40,30 Bottom of ravine course N 160 ft. deep Ascending

48,77 Road from Sevier Valley to Fish Lake course N. and S. E.

52,00 Top of spur running N. 200 ft. above ravine Descend to

59,60 Bottom of gulch 57 ft. deep course N. 20° W. Ascend to

68,00 Top of ridge sloping S to saddle, bears N and S Descend on S E slope. in timber bears N and S

— 80,00 The cor of secs. 3-4-9 and 10
Land mountainous
Soil gravelly and rocky 3d rate
Timber scrubby cedars.
Mountainous land 80,00 chs -

From cor. of secs. 4-5-8 and 9 S and N 0° 3' W. bet. secs. 4 and 5
On top of ridge in dense undergrowth -

5,00 Ridge runs N.W.: begin descent on N. E. slope

30,00 Descend on N. slope

40,00 Set a Trachyte 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 ft. base 1½ ft. high W. of cor. — Pits impracticable
This cor. stands near bottom of gulch 400 ft. below cor. of secs. 4-5-8 and 9;
Descending gradually

48,33 Dry wash in bottom of gulch 60 ft. below 1/4 sec. cor. course N.W.
Begin ascent

59,00 Junction of roads from Fish Lake and Grass Valley bears E 5,75 chs. dist.

60,00 Enter timber bears E and W.

65,00 Top of point of ridge from N.W. 120 ft. high. -
Descend on E slope.

Subdivisions of T. 24 S. R. 16

Chains	
74,90	Road to Series Valley course N. 30° W. at bottom of slope, in head of gulch draining N. 30° W.
	Thence in bottom of open gulch, in loose white sand
81,58	Intersect N. bdy. of Tp. 14, 32 chs. W. of cor. of secs. 32 and 33 which is a stone firmly set marked and witnessed as described by the surveyor general
	Set a trachyte stone 18 x 8 x 6 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; raised a mound of stones 2 ft. base 1½ ft. high S. of cor. — Pits impracticable.
	Land mountainous, rolling and broken
	Soil gravelly wash and boulders. 2nd and 3d rate
	Timber scrubby cedars.
	Dense undergrowth of sagebrush and stone
	Mountainous land and dense undergrowth - 87.58 chs.

	Same cor. of secs. 4-5-8 and 9 Same
	S. 0° 3' E. bet. secs. 8 and 9
	On top of ridge in dense undergrowth
3,50	Ridge runs S.W.; begin descent
14,90	Road from Grass Valley to Series Valley bears N.E. and S.W. in head of open gulch draining S. —
	Descending gradually on rolling slope W.
37,50	Ravine 30 ft. deep course S.W.; begin ascent on W. slope
40,00	Set a trachyte stone 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. —
47,35	Top of spur running W. 110 ft. high.
	Descend on rolling slope to
61,00	Bottom of gulch 115 ft. deep course W.
	Ascend to
76,50	Top of spur running S.W. 90 ft. high
	Descend
79,30	Intersect N. bdy. of sec. 17. 17.32 chs. W. of cor. of secs. 16 and 17.;
	Set a trachyte stone 18 x 8 x 7 ins. 12 ins. in the ground for closing cor. of secs. 8 and 9 marked C.C. on N. face with 4 grooves on E. and S. faces raised a mound

Subdivision of T 24 S R 21 E

Chains	Pits impracticable. ✓
	Land mountainous rolling
	Soil gravely wash and boulders 3d rate
	No timber: dense undergrowth of sagebrush oakbrush and thorn
	Mountainous land and dense undergrowth 79.30 chs.
	From cor. of secs. 5-6-7 and 8 I run
	N 0° 30' W. bet. secs. 5 and 6
	Descending
15,10	Bottom of gulch 75 ft. deep course N. 80 W.
	Ascend W
29,25	Top of ridge 210 ft. high bears. N 75° W and S 80 E
	Begin descent on broken rolling slope
40,00	Set a trachyte stone 17 x 9 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 ft. base 1½ ft. high W. of cor. — Pits impracticable
	Thence on N. W. slope descending
81,46	Intersect N. bdy of T 14,90 chs. W. of cor. of secs. 31 and 32 which is a stone firmly set marked and witnessed as described by the Surveyor general
	Set a trachyte stone 18 x 6 x 6 ins. 12 ins in the ground for closing cor. of secs. 5 and 6 marked C C on S. with 1 grove on W and 5 groves on E. face.; raised a mound of stones 2 ft. base 1½ ft. high S. of cor. Pits impracticable. ✓
	Land Mountainous broken and rolling
	Soil gravely and rocky 3d rate
	No timber; sagebrush undergrowth
	Mountainous land 81.46 chs. -
	From cor. of secs. 5-6-7 and 8 I run
	S 0° 30' E on a random line bet. secs. 7 and 8
38,80	The 1/4 sec. cor bet. secs. 7 and 8 bears. E 17,14 chs. dist; same being a stone firmly set marked and witnessed as described by the surveyor general.
	Thence from said cor. I run
	N 0° 30' W. on a true line bet. W. half of secs. 7 and 8
	Ascending on broken slope
24,00	Top of spur running W. 160 ft. above cor.

Subdivision of T. 24 S. R. 21 E.

Chains

38,80 Intersect S. bdy of secs. 5 & 17, 14 chs S 89° 58' E of cor. of secs. 5 & 6 -

I set a trachyte stone 17 x 8 x 6 ins. 12 ins in the ground for closing cor. of secs. 7 and 8 marked C. C. on S. with 5 grooves on S. and E. faces; raised a mound of stones 2 ft. base 1½ ft. high S. of cor. - Pits unfathomable

Land Mountainous -

Soil gravelly wash and boulders 3d rate

No timber ; sagebrush undergrowth

Mountainous land 38,80 chs -

July 22 : At my camp, located on Sweet Water Creek in the S. W. ¼ of sec. 11 T 24 S. R 21 E at 7h 35m p.m. I am. I observe Polaris in accordance with instructions in the Manual and mark a point in the line then determined on a stone previously set in the ground 5 chs N. of my station. —

Astron. t. m. t. of obs. July 22	7. 35m.
U. C. Polaris July 21	17 23.65s
Horn angle of Polaris at obs.	14. 11.4
Subtract from	23. 56.1
Time argument for Table II	9. 44.7

Azimuth of Polaris at obs. 0° 57' E

July 22, 1895 -

July 23 : at 7h 0m a.m, l.m.t. I lay off the azimuth of Polaris 0° 57' to the West and mark the true meridian thus determined on the stone set July 22, 5 chs N. of my station. —

At 7h 30m a.m, l.m.t. having carefully tested the adjustments of my instrument I set off 38° 45' on the lat. arc and 20° 5' N. on the decl. arc. and determine with the solar a true meridian; and mark a point in the same on the stone previously mentioned 5 chs north of my station, this mark agrees within any material difference with the one made in the true meridian as established by observation on

T

adjustments of the instrument are true.-
July 23. 1895.

General Description

The portion of this township is all mountainous rolling and broken, not suited for cultivation unless it be a few very small patches, but it is all well adapted for pasture and grazing and the soil full of boulders and in places rocky is very fertile producing an abundant growth of nutritious grasses without irrigation.-

The south-eastern portion of the township is covered with a dense growth of aspen timber mainly of small size and little value, but also some pine timber of good size and fine quality; the hills oak brush and scattering groves of cedar.-

There are no mines nor quarries in the township nor did I discover any indications of minerals of any kind.- The overlying rock formation is everywhere a black lava, mainly trachyte, but in the north-western corner the great erosion has exposed the underlying tertiary sands and clays. and a few places.-

The township is watered by a few small streams of pure water which afford drinking water for stock, large herds of which roam over the timber everywhere.-

There are no permanent settlers in this portion of the township but settlements will be made in secs. 14-22 and 33 when the land shall be open to entry; at present the various cabins corals as indicated on the map and described in the foregoing field notes is held in common shearing and branding purposes-

I was unable to definitely locate the desert entries upon which order for survey of this township was issued excepting Alfred W Kessler and Garry S. Gates whose claims held in common is located close to the E. bdry of this Tp. in secs. 18 T. 24 S. R. 2 E. On the entry of Christian Christiansen Aagard in

impracticable to make final proof under the desert law all these entries was abandoned and have been cancelled on the records but as before stated will be re-entered in a different form. —

Andrew P Hanson
U.S. Deputy Surveyor

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PAGE

No of Notes	
(1)	Description of mound omitted in notes through error as follows :- Raised a mound of stones 2 ft. base 1½ ft. high W. of cor. -

A P Harrison
U.S. Deputy Surveyor

Volume
#
R0239

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PAGE

A list of the names of the individuals employed by Andrew P Hanson, U. S. Deputy Surveyor, to assist in running, measuring, and ...ng the lines and corners described in the foregoing field notes of the survey of the subdivision ...ices of Tp 24 S R 1 E

...the Salt Lake Base and Meridian, in Utah, showing ...spective capacities in which they acted:

Andrew F Riepen Chainman
Wm H Trone "
Joshua Gardner axeman
Wm P McKeever Flagman

Final Oath of Assistants:

We hereby certify that we assisted ..., U. S. Deputy Surveyor, in surveying all ...se parts or portions of the ...

... Meridian, ..., as are represented in the ...egoing field notes as having been surveyed by him and under his direction; and that said survey has been in all ...pects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, ...ording to the instructions furnished by the U. S. Surveyor General for ...

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

SEAL

6—151

I, ..., U. S. Deputy Surv
solemnly swear that, in pursuance of instructions received from .....
Surveyor General for ....., bearing date of the .....
....., 18 , I have well, faithfully, and truly, in my own proper person, and
conformity with the instructions furnished by the U. S. Surveyor General for .....
surveying manual, and the laws of the United States, surveyed all those parts or portions of .....

.....Meridian, in the ....., as are represented in t
going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear
the corners of said survey have been established and perpetuated in strict accordance with the surveying
printed instructions, the special written instructions of the U. S. Surveyor General for .....
and in the specific manner described in the field notes, and that the foregoing are the true field notes of such
and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of
approved August 8, 1846.

.....
U. S. Deputy Su

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

SEAL

.....

.....

Approval.

Office of the U. S. Surveyor General,

Salt Lake City, Utah May 23d, 18

The foregoing field notes of the survey of the Subdivisions of T 24 South Range No 1 East of the Salt Lake B & Meridian, Utah

.....

.....

.....

.....

..... ex

Andrew P Hanson

under his Contract No. 198, dated March 4th, 1895, having been
examined, the necessary corrections and explanations made, the said field notes, and the surveys they des
hereby approved.

.....
U. S. Surveyor G

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

.....
U. S. Surveyor G

6—151

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(4—679.)

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BOOK A-239

FIELD NOTES

OF THE SURVEY OF

East Boundary

of

Township No 24 South Range No 1 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Andrew P Hanson, U. S. Deputy Surveyor,

nder his Contract No. 198, dated March 4th, 1895.

urvey commenced July 18, 1895.

urvey completed July 18, 1895.

(50)—2,000.) 6—151

6.37.45
14.46

Andrew F. Riessen Chairman

Wm. S. Trone "

Joshua Gardner Axeman

Wm. P. McKeever Flagman

BOOK A-239

INDEX DIAGRAM.

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

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

Meanders Page.....

We, _____

_____

_____

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

_____

_____

_____

_____

_____, *Chai*

_____, *Chai*

_____, *Chai*

_____, *Chai*

Subscribed and sworn to before me this _____
day of _____, 18 .

_____

_____

We, _____

_____

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

_____

_____

_____

_____

Subscribed and sworn to before me this _____
day of _____, 18 .

_____, *Ax*

_____, *Ax*

_____

_____

_____

East boundary of T 24 S R 1 E

chains

Survey commenced July 18, 1895 and executed with a W. & L. E. Gurley light mountain transit No 7 with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc which is also the least count of the verniers of the latitude and declination arcs. —

The instrument was examined tested on the true meridian at Salt Lake City found correct and was approved by the surveyor general for Utah March 16, 1895. —

Having recently tested the instrument on a true meridian established by observation on Polaris and knowing the solar apparatus to be correct, I considered it unnecessary to repeat the test at this time. —

At the cor. of Tps. 24 and 25 S. RS. 1 and 2 E: latitude 38°41' N longitude 111°47' W. I set off. 38°41' on the lat. arc. and 21° 0.1' N. on the decl. arc and at 10h a.m. J.m.t. determine with the solar a true meridian. —

The magnetic bearing of the true meridian thus established at 10h a.m. is N. 16° 3' W.; the angle then determined reduced by the table page 100, gives the mean mag. decl. 16° 2' E. —

From the Tp. cor. already described I run

North, on E. bdy of Tp. 24 S R 1 E, bet. sees 31 and 36

Ascending on S E slope in aspen brake and scattering timber

12,00 Enter timber

40,00 set a lava stone 18 x 11 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. —

No bearing trees of proper size within limits

80,00 set a lava stone 23 x 10 x 5 in. 17 in. in the ground for cor. of sees. 25-30-31 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 675 ft. above cor. of Tps.

Land mountainous

Soil gravelly and stony 3rd rate

East boundary of T 24 S R 1 E

Chains	Mountainous land 80,00 chs.
	North bet secs. 25 and 30
	Ascending on S E slope in timber
40,00	Set a lava stone 18 x 9 x 8 ins. 12 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	A pine tree 3 ins diam. bears S 24° 30' W. 61 lks. dist. marked 1/4 SEC BT
	An aspen tree 5 ins. diam. bears N 58° 15' E 16 lks. dist. marked 1/4 S B.T.
80,00	Set a lava stone 23 x 11 x 6 ins. 18 ins. in a m of stones 3 ft. base on rocky surface, for cor. of secs. 19-24-25 and 30 marked with 2 notches on S. and 4 notches on N edges from which
	A pine tree 10 ins. diam. bears N 36° 40' E. 37 lks. dist. marked T 24 S R 2 E S 19 B.T.
	A pine tree 11 ins. diam. bears N 12° 33' W. 46 lks. dist. marked T 24 S R 1 E S 24 B.T.
	A pine tree 6 ins. diam. bears S 86° 52' W. 43 lks. dist. marked T. 24 S. R 1 E S 25 B.T.
	A pine tree 10 ins. diam. bears S 60° 20' E. 65 lks. d' marked T 24 S. R 2 E S 30 BT
	This cor. stands 600 ft. above cor of secs. 25-30-31 and 36
	Land mountainous
	Soil rocky and gravely 3d rate
	Timber aspen of small size, and pine
	Mountainous land 80,00 chs.
	July 18: At this cor. I set off 21° 0' N. on the decl. arc and at 12h 6m p.m., t.m.t. observe the sun on the meridian; the resulting lat. is 38° 43'
	North bet. secs 19 and 24
	Ascending on broken E. slope in pine timber
36,60	Top of slope and break course E. -
	Begin descent on N. E slope in slide rock
40,00	Set a lava stone 20 x 11 x 6 ins. 15 ins. in the gro for 1/4 sec. cor. marked 1/4 on W face: from which
	An aspen tree 6 ins. diam. bears S 87° 5' E 44 lks. dist. marked 1/4 S B T
	A pine tree 11 ins. diam. bears S 40' W 101 lks. dist. marked 1/4 S. B.T.
[illegible]	[illegible]

East boundary of T. 24 S. 12 E.

chains	
	for cor. of secs. 13-18-19 and 24. marked with 3 notches on S and N. edges. from which
	An aspen tree 8 in. diam. bears S 74° 45' E 33 lks. dist. marked T 24 S R 12 E S. 19 B.T.
	An aspen tree 6 in. diam bears S 59° 40' W. 44 lks. dist. marked T. 24 S R 1 E. S. 24 B.T.
	An aspen tree 6 in. diam. bears N. 46° 58' E. 30 lks. dist. marked T 24 S R 2 E S 18 B.T.
	Also other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	This cor. stands 450 ft. below top of break on E slope
	Land mountainous
	Soil rocky & sale
	Timber pine on S. slopes; on N slope aspen of small size and scattering pine
	Mountainous land 8,00 chs.

	North bet. secs. 13 and 18
	Descending gradually on E slope in timber
.71	Leave timber
29.15	Old wood road bears N 30° W and S 30° E
38.90	Enter timber
40,00	Set a lava stone 18 x 9 x 5 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face; from which
	An aspen tree 10 in. diam. bears S 50° 30' E 58 lks. dist. marked 1/4 S 13. T.
	An aspen tree 12 in. diam. bears S 47° 16' W. 89 lks. dist. marked 1/4 S 13. T.
46,65	Old Wood road bears N. E. and S.W.
60,00	Leave timber bears N.W. and S. E
68,10	Road from Grass Valley to Fish Lake course N.W. and S.E.
71,84	Dry wash 35 ft. deep course N.W.; begin ascent
77,00	Cabin of Alfred W. Kessler and Garry S Gatei bears S 38° 30' E 1,200 lks.
78,00	Top of spur 65 ft. high running W
	Descend on N.W. slope
80,00	Set a Haehyte stone 21 x 10 x 6 in. 15 in. in the ground for cor of secs. 7-12-13 and 18 marked with 4 notches on S. and 2 notches on N. edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	This cor. stands 6.50 ft. below cor of secs. 13-18-19 and 24

East boundary of T 24 S R 16 E

Chains

Soil gravely 2d and 3d rate
Timber aspen and scattering pine
Mountainous land 8,000 chs.

North bet. secs. 7 and 12
Descending on N.W. slope

11,10 Bottom of gulch 50 ft. deep course N.W. ascend

17,75 Top of ridge sloping W., 90 ft. high bears N 60° W and S. 60° E.
Begin descent

40,00 Set a lava stone 18 x 9 x 7 ins. 12 ins. in the ground for ~~W 200~~ cor. marked 1/4 on W. face; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
Pits impracticable

43,65 Edge of brush to Lost creek bears N.W. and S.E.
Begin descent on steep slope over ravines and washes

— 8,00 Set a white rocked stone 22 x 10 x 7 ins. 16 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; raised a mound of stones 2 ft. base 1½ ft high W. of cor.
Pits impracticable. –
Thin cor. stands on E. slope in oak brush 380 ft. below W. of brush
Land mountainous steep slope very rough
Soil clay and shale 3d rate
No timber; oak brush on N. 20 chs.
Mountainous land 8,000 chs.

North bet. secs. 1 and 6
Descending on N E slope in oak brush

40,00 Set a sandstone 19 x 11 x 5 ins 14 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. –

42,00 Enter creek bottom and dense tangle of timber and undergrowth; bears N.W. and S.E. 430 ft. below cor to secs 1-6-7 and 12. –

43,57 Lost creek 16 lks. wide course N.W. swift current pure clear water

52,00 Leave creek bottom bears N W and S E; and ascend on

East boundary of T 24 S R 1 E

Chains	
63,00	Top of spur running W. to creek.-
	Descend
66,45	Bottom of gulch 75 ft. deep drains W.
	Ascend
69,00	Top of slope; thence on W. slope, broken and gullied
81,95	Intersect N. bdy. of Tp. 14,46 chs. W. of cor. of Tps. 23 and 24 S Rs. 1 and 2 E. which is a stone firmly set marked and witnessed as described by the surveyor general. – I destroy marking for T. 24 S on this cor. and set a lava stone 26 x 11 x 9 ins 20 ins. in the ground for closing cor. of Tps. 24 S. Rs. 1 and 2 E marked CC 24 S. on S., R 1 on W., and R 2. on E. faces with 6 groves on S, E and W. sides; raised a mound of stones 2 ft. base 1½ ft. high S of cor. Pits impracticable. –
	This cor. stands 150 ft. above creek on W. slope in oak brush.-
	Land mountainous
	Soil clay shale and gravel 3d rate
	Timber, fringe of Cottonwood and aspen along creek. and oak brush.
	Mountainous land 81,95 chs.-
	July 18, 1895

Boundaries of T 24 S R 1 E

Latitudes Departures and closing errors

Line designated	True bearing	Distance	Latitudes N	Latitudes S	Departures E	Departures W
		chs.	chs.	chs.	chs.	chs.
Salt Lake Meridian	South	480,00		480,00		
S. bdy. of T. 23 S R 1 E	East	464,38			464,38	
E. bdy. of T 24 S R 1 E	North (West)	481,95	481,95			
N. bdy of T. 25 S. R. 1 E.	East (N 89° 39' W)					159,56
" " " " " "	S 89° 39' E			1,82		303,51
Convergency					0,58	
			481,95	481,82	464,96	463,07
Totals			481,82		463,07	
			0,13		1,89	
Errors in lat.				in dep.		

The unsurveyed portion of this township is all mountainous land, broken and rugged; but the soil

East boundary of T 24 S R 21 E

watered affords excelent feashire without irrigation.
The south eastern corner of the township is covered with
a fine growth of pine and aspen timber.
The township should be subdivided. –

Andrew P Swanson
U.S. Deputy Surveyor

Volume
#
R0239

A list of the names of the individuals employed by Andrew P Hansen, U. S. Deputy Surveyor, to assist in running, measuring, and ...king the lines and corners described in the foregoing field notes of the survey of the east boundary of Tp. 24 S. R. 1 E.

...the Salt Lake Base and Meridian, in Utah, showing ...respective capacities in which they acted:

Andrew F. Rieper Chainman
Wm St Trone "
Joshua Gardner Axeman
Wm T McKeever Flagman

Final Oath of Assistants:

We hereby certify that we assisted ..., U. S. Deputy Surveyor, in surveying all ...ose parts or portions of the ..... Meridian, ..., as are represented in the ...oregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all ...espects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, ...ccording to the instructions furnished by the U. S. Surveyor General for .....

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

SEAL

6—151

I, ..., U. S. Deputy Surveyor,

solemnly swear that, in pursuance of instructions received from ....., U

Surveyor General for ....., bearing date of the .....

....., 18 , I have well, faithfully, and truly, in my own proper person, and in

conformity with the instructions furnished by the U. S. Surveyor General for .....,

surveying manual, and the laws of the United States, surveyed all those parts or portions of .....

.....

.....

.....

.....

.....Meridian, in the....., as are represented in the

going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear th

the corners of said survey have been established and perpetuated in strict accordance with the surveying m

printed instructions, the special written instructions of the U. S. Surveyor General for.....

and in the specific manner described in the field notes, and that the foregoing are the true field notes of such su

and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Con

approved August 8, 1846.

.....

U. S. Deputy Surve

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

day of ....., 18 .

SEAL

.....

.....

Approval.

Office of the U. S. Surveyor General,

Salt Lake City, Utah, May 23, 189

The foregoing field notes of the survey of The East Boundary of T

No 24 South Ranges 1 East of the Salt Lake B

& Meridian, Utah

.....

.....

.....

.....

.....

.....execut

Andrew P. Hanson

under his Contract No. 198, dated March 11, 1895, having been criti

examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe

hereby approved.

.....

U. S. Surveyor Gener

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

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

.....

U. S. Surveyor Gene

6—151

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(4—679.)

493

Ko. 3. YB

BOOK A-239

FIELD NOTES

OF THE SURVEY OF

Subdivision Lines

of

Township No 24 South Range No 2 East

Of the Salt Lake Base and Meridian,

Utah

AS SURVEYED BY

Andrew P Hansen, U. S. Deputy Surveyor,

Under his Contract No. 198, dated March 4, 1895.

Survey commenced July 24, 1895.

Survey completed July 30, 1895.

(6 620—2,500.) 6—151

59. 49. 73

1. 58. 24

Andrew F Riefsen Chainman

Wm S. Trone "

Joshua Gardner Axeman

Wm P McKeever Flagman

6—151

BOOK A-239

INDEX DIAGRAM.

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

6	5	4	3	2	1
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19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page.....

We, _____

_____

_____

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

_____

_____

_____

_____

_____, *Chainn*

_____, *Chainm*

_____, *Chain*

_____, *Chain*

Subscribed and sworn to before me this _____
day of _____, 18 .

_____

_____

We, _____

_____

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

_____

_____

_____

_____

Subscribed and sworn to before me this _____
day of _____, 18 .

_____, *Axema*

_____, *Axem*

_____

_____

_____

Subdivision of T 24 S. R 2 E

chains	
	Survey commenced July 24, 1895 and started with a W & L E Gurley light mountain transit No 7, with solar attachment. – The horizontal limb is provided with two double Vernier 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 City, found correct and was approved by the surveyor general for Utah March 16, 1895. –
	Note: Having recently tested the solar apparatus on a true meridian established by observation on Polaris near the cor. of secs. 10-11-14 and 15, Tp. 2 S R 1 E in connection with the survey of said Tp and knowing it to be correct I consider it unnecessary to repeat the test at this time. —
	July 24.: At the cor. of secs. 1-2-35 and 36 on S boly of Tp 24 S R 2 E in latitude 38° 41' N. longitude 111° 42' W. at 6 h 30 m p.m., 2. m. 2. I set off 38° 41' on the lat. arc and 9° 47' N. on the decl. arc and determine with the solar a true meridian. –
	The magnetic bearing of the true meridian at 5 h 30 m p.m. is N 15° 35' W; the angle thus determined reduced by the table page 100 gives the mean mag. decl. 15° 36' E. –

	From the cor. already described I run
	N 0° 1' W. bet. secs. 35 and 36
	Descending in burnt timber
21,00	Leave burnt, enter green timber scattering
40,00	Set a lava stone 18 x 9 x 7 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 1 1/2 ft. high W of cor. – Pits impracticable.
	No bearing trees within limits –
+2,80	Stream 3 lks. wide course N.W. in ravine 600 ft. bind cor on Tp line, thence over point of ridge to
37,38	Bottom of gulch course S 80° W and stream 2 lks. wide. –
	Begin ascent in aspen timber

Subdivision of T 24 S. R. 2 E.

chains

ground for cor. of secs. 24-26-35 and 36 marked with 1 notch on S. and E. edges, from which
An aspen tree 12 ins diam bears N 76° 32' E. 29 lks. dist. marked T 24 S R 2 E S 25 B.T.
An aspen tree 8 ins. diam bears S 57° 43' E 62 lks. dist. marked T 24 S R 2 E S 36 B.T.
An aspen tree 11 ins. diam. bears S 26° 15' W. 71 lks dist. marked T 24 S. R 2 E S 35 B.T.
An aspen tree 9 ins. diam. bears N 74° 45' W. 67 lks. dist. marked T 24 S R 2 E. S. 26 B.T.
Land mountainous rolling and sloping
Soil gravely and rocky 3d rate
Timber pine and aspen of fair quality
Mountainous land 80,00 chs.
July 24 1895

S 89° 56' E on a random line bet. secs. 25 and 36

40,00 Set limb 1/4 sec. cor.

79,70 Intersect E. bdy. of Tp. 10 lks. N. of cor. of secs. 25-30-31 and 36
Thence S and
N 89° 52' W. on a true line bet secs. 25 and 36
Ascending in timber

10,45 Top of slope and ridge bears N and S 300 ft above cor.; leave timber and run on S W slope
Descending gradually in scattering trees and

39,85 set a large stone 20 x 9 x 5 ins. 15 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

70,90 Enter aspen timber

79,70 The cor. of secs. 25-26-35 and 36
This cor. stands on S. W slope 330 ft. below top of ridge.
Land mountainous broken and rolling
Soil gravely and rocky 2nd and 3d rate
Timber pine of heavy growth on E. slope. scattering pine trees, and aspen of small size
Mountainous land 79,70 chs.

N 0° 1' W bet. secs. 25 and 26
Ascending in timber

Subdivision of T 24 S R 26 E

Chains	
40,00	Set a lava stone 18 x 9 x 6 ins: 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face: from which a pine tree 8 ins diam bears N 60° E. 35 lks dist. marked 1/4 S B.T.
	a pine tree 6 ins. diam bears N 35° W. 15 lks. dist. marked 1/4 S B.T.
52,30	Ravine 25 ft. deep from N. trends S W.: thence on W slope of ravine
69,00	Leave timber
80,00	Set a lava stone 21 x 12 x 8 ins. 15 ins. in the ground for cor. of secs. 23-24-25 and 26 marked with 2 notches on S and 1 notch on E edges; raised a mound of stones 2 ft. base 1½ ft. high W of cor. — Pits impracticable. — Thru cor chains 8.75 ft. above cor of secs. 25-26-35 and 36
	Land mountainous
	Soil gravely and rocky 2nd and 3d rate
	Timber aspen and pine
	Mountainous land 80,00 chs.

July 25: At. 9 h 10 m a.m., 2 m.t. I set off 38° 43' on the Eat. arc. and 19° 38' 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

S 89° 52' E on a random line bet. secs. 24 and 25

40,00	Set temp. 1/4 sec. cor.
80,15	Intersect E. bdy. of Tp. at cor. of secs. 19-24-25 and 30

Thence I run

N 89° 52' W on a true line bet secs. 24 and 25

Descending on bottom slope in timber

33,05	Stream 3 lks. wide course S in gulch 260 ft. below cor.
	Leave timber and ascend in lava boulders
40,07½	Set a lava stone 24 x 12 x 6 ins. 18 ins. in a mound of stones 3 ft. base for 1/4 sec. cor. marked 1/4 on N. face: — Pits impracticable
61,60	Ascent becomes precipitous
64,75	Top of ridge bears N and S. 525 ft. above stream
	Begin descent on rolling slope S.W. in timber

Subdivision of T24SR26

Chains	
79,80	Bottom of slope and ravine 12 ft. deep course S
	Ascend to
80,15	The cor. of secs. 23-24-25 and 26
	This cor. stands 170 ft. below top of ridge
	Land mountainous
	Soil rocky and gravely 3rd and 4th rate
	Timber pine and aspen of good growth
	Mountainous land 80,15 chs.
	N. 0° 1' W. bet. secs. 23 and 24
	Ascending on W. side of ravine
37,40	Top of spur running S. W. and S. from Mt. Terrel. 490 ft. above sec. cor.
	Descend on rocky slope
40,00	Set a lava stone 25 x 10 x 7 ins. 18 ins. in a mound of stones 3 ft. base for 1/4 sec. cor. marked 1/4 on W. face. Pits impracticable.
	This cor. stands 55 ft. below top of spur on W. slope in rock slide
	Thence on steep W. slope in lava slide
65,00	Highest point of Mt. Terrel bears E. 18,50 chs. dist. being part of a ridge running nearly N. and S.; elevation of peak 11,000 ft. and 400 ft. above this point. - A perpendicular wall of lava bears N. and S. about 6 chs. E., and 50 ft. high
	Ascend
70,00	Top ridge running N.W. from peak 100 ft. high
	Descend to
80,00	Set a lava stone 20 x 9 x 6 ins. 15 ins. in the ground for cor. of secs. 13-14-23 and 24 marked with 3 notches on S and 1 notch on E. edges; raised a mound of stones 2 ft. base 15 ft. high W. of cor. - Pits impracticable
	This cor. stands 60 ft. below top of ridge on N.E. slope
	Land mountainous
	Soil rocky 4th rate
	No timber
	Mountainous land 80,00 chs.
	S 89° 52' E on a random line bet. secs. 13 and 24
80,00	Set temp. 1/4 sec. cor.
80,26	Intersect E. bdy. of Tp. 19 [illegible] S. of cor. of secs. [illegible]

Subdivision of T 2 - S R 2 C

Chains	
	Thence 3 runs
	West on a true line bet. secs. 13 and 24.
	On rocky slope N in timber, ascending gradually
40,13	Set a lava stone 24 x 10 x 7 ins. 18 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 36° 15' W. 52
	lks. dist. marked 1/4 S B.T.
	No other trees within limits - Pits impracticable
	Thence ascending on steep rocky slope
44,50	Leave timber
60,00	Top of broken ridge running N. from peak 525 ft.
	above 1/4 sec. cor.
	Thence over broken lava field and huge boulders
	on N. slope
76,00	Begin descent to
79,50	Bottom of ravine draining N.W. 90 ft. deep.
	Ascend to
80,26	The cor. of secs. 13-14-23 and 24
	Land mountainous
	Soil rocky 4th rate
	Timber pine of large growth but open
	Mountainous land 80.26 chs.
	July 25: At this cor. I set off 19° 36' 30" on the
	deel arc and at 12h 6m p.m., 7 m.t. observed the sun
	on the meridian the resulting lat. is 38° 44'
	N 0° 1' W. bet. secs. 13 and 14
	Descending over broken surface
4,00	Bottom of draw course N.W. 50 ft. below cor.
16,50	Top of ridge; descending on slide rock.
24,75	Bottom of basin 100 ft. deep bears SE.
	Ascend.
28,00	Top of main ridge running N.W. from peak:
	Begin descent on steep rocky slope and slide
37,00	Leave rocky slide: enter scattering timber
39,15	Spring branch 3 lks. wide course E about 10 chs to sink
41,00	Set a lava stone 18 x 9 x 7 ins. 12 ins. in the ground
	for 1/4 sec. cor. marked 1/4 on W. face from which
	A pine tree 5 ins. diam. bears S. 54° 30' E. 45 lks. dist.
	marked 1/4 S.B.T.
	No other trees within limits: raised a mound of
	stones [illegible]

Subdivision of T 24 S R 26 E

Chains	
40,15	Spring branch 2 lks. wide course E. for 10 chs. 6 links
	Ascending over ravine and washes
5-3,00	Top of spur running E. 150 ft. high
	Descend
60,50	Spring branch 2 lks. wide course E
63,10	Bottom of ravine 30 ft. deep and stream 3 lks wide
	course E & thence ascending
68,00	Enter pine timber
76,75	Leave " " bears E. and W.
80,00	Set a lava stone 18 x 10 x 6 ins. 12 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. & raised a
	mound of stones 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable.
	This cor. stands 700 ft. below cor. of secs. 13-14-23 and 24
	Land mountainous
	Soil rocky and gravly 3rd and 4th rate
	Timber pine of fair size, mainly scattering
	Mountainous land 80,00 chs.

	East on a random line bet. secs. 12 and 13
4,00	set temp. ¼ sec. cor.
80,14	Intersect E bdy of Tp. 32 lks. N of cor. of secs. 7-12-13 and 18
	Thence I run
	N. 89° 46' W. on a true line bet. secs. 12 and 13
	Ascending
22,50	Top of ridge bears N.E. and S.W. 375 ft. above cor.
	Begin descent on rocky slope
25,00	Enter pine timber bears N.E. and S.W.
40,07	Set a lava stone 18 x 10 x 9 ins. 12 ins. in the ground for ¼ sec. cor. marked ¼ on N. face:
	from which
	A pine tree 6 ins. diam. bears N 15° 30' E 73 lks. dist. marked 1/4 S 13 T.
	A pine tree 8 ins. diam. bears S 63° 45' W. 81 lks dist. marked 1/4 S. 13 T.
57,60	Bottom of gulch, and stream 4 lks. wide course N E 360 ft. below Top of ridge
	Ascend on rocky slope
77,00	[illegible]

Subdivision of T 24 S. 82 E

Chains	
80,14	The cor. of secs. 11-12-13 and 14
	This cor stands on E slope 450 ft. above stream
	Land mountainous
	Soil rocky and gravely 3d rate
	Timber pine of good growth
	Mountainous land 80,14 chs -
	N 0°1' W bet secs. 11 and 12
	Ascending
3,00	Top of ridge running N.E. and S.W.
	Descend on N.W. slope: enter timber
35,00	Foot of N.W. slope: begin gradual ascent over rolling slope N.E.
40,00	Set a lava stone 18 x 8 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	A pine tree 5 ins. diam. bears. N 62° 20' E. 28 lks. dist. marked 1/4 S.B.T.
	A pine tree 14 ins. diam. bears. S 53° 15' W. 33 lks. dist. marked 1/4 S.B.T.
	Raised a mound of stones 2 ft. base 1½ ft high W of cor.
55,25	Stream 4 lks. wide course N.E.
60,15	" " " " " E.
63,00	Begin gradual ascent on rolling slope bears N.E. and S.W.
80,00	Set a lava stone 19 x 11 x 5 ins. 14 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 bearing trees within limits
	Land mountainous
	Soil gravely 2nd and 3d rate
	Timber pine scattering
	Mountainous land 80,00 chs -
	S 89° 46' E on a random line bet. secs. 1 and 12
40,00	Set temp 1/4 sec. cor.
80,00	Intersect E bdy of Tp 33 lks. S of cor. of secs. 6-7 and 12
	Thence S run
	[illegible]

Chains	Ascending on even slope
8,30	Top of ridge bears N 10° W and S 10° E 150 ft above cr. —
	Descend
15,00	Enter pine timber
34,90	Cabin of Al Blood bears S 8,68 chs distant
36,50	Leave timber at foot of steep slope bears N and S 10° E
	Enter sloping bench, and descend gradually
39,80	Wood road course N and S.
40,00	Set a hacheyte stone 18 x 10 x 7 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 cr. — Pits impracticable
	This cr stands 490 ft below top of ridge
41,80	Cabin of John Golden bears N 20,10 chs dist.
47,85	Ditch to shingle mill, 6 lks wide course N.
	Mill bears N 5° 12' W 28,00 chs dist.
	Descend steep bank to
49,00	Nevada Creek 10 lks wide course N in bottom of narrow gulch 60 ft below 1/4 sec cor.
50,70	Begin ascent on broken slope
61,00	Top of spur running S E; thence over rolling surface in scattering timber
69,25	Stream 4 lks wide course S E.
	Ascend
75,00	Stream 3 lks wide course S E.
80,00	The cr of secs 1-2-11 and 12
	This cr stands 500 ft above creek
	Land mountainous
	Soil gravelly and stony 2d and 3d rate
	Timber pine of good growth
	Mountainous land 80,00 chs.

	N 0° 1' W bet secs 1 and 2
	Ascending gradually on broken rolling surface in scattering timber
2,25	Stream 3 lks wide course E
7,35	Stream 3 lks wide course E
14,00	Leave timber
28,50	Top of ridge bears N 12½° E and S 28° W 160 ft high
	Begin descent in timber bears N E and S W
39,50	Stream 3 lks wide in bottom

Subdivision of T 24 S R 22 E

Chains	course N. E.
40,00	Set a lava stone 18 x 9 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. from which a pine tree 14 ins. diam. bears N 60° 10' W. 8 lks. dist. marked 1/4 S B.T. a pine tree 5 ins. diam. bears S 47° 15' E 17 lks. dist. marked 1/4 S B T
41,20	Ascend in scattering timber
57,50	Top of ridge bears N. E. and S. W. 200 ft. above 1/4 sec. cor. Cabin of Brigham Castle bears N 80° E 20.50 chs. dist
	Descend and enter aspen timber
56,00	Descend on W. slope gradually on broken rolling surface
80,76	Intersect N. bdy of Tp. 32,50 chs. W. of cor. of secs. 35 and 36. - Set a lava stone 26 x 12 x 7 ins. 20 ins. in a mound of stones 3 ft. base for closing cor. of secs. 1 and 2 marked C.C. on S with 1 grove on E. and 5 groves on W faces. from which An aspen tree 10 ins. diam. bears S 43° 45' E 12 lks. dist. marked T 24 S R 22 E S 1 B.T. No other trees of proper size within limits Pits impracticable Land mountainous Soil grassy and rocky 3d rate Timber pine and aspen of small size mostly Mountainous land 80,76 chs.

July 25, 1895

From cor. of secs. 2 - 3 - 34 and 35 on S. bdy of Tp. 2 run N 0° 1' W bet secs 34 and 35 over marshy meadow in dense undergrowth

9,60	Leave marshy ground enter rolling bench.
23,80	Stream 3 lks. wide course S 80° W.
40,00	Set a trachyte stone 18 x 10 x 9 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
48,58	Stream 3 lks. wide course W.
56,25	Stream 4 lks. wide course W.

Subdivision of T 24 S R 2 E

Chains	
	boulders bears E and W.
74,40	Stream 3 lks wide course W.
76,70	Leave timber and lava bed bears E and W.
80,00	Set a lava stone 18 x 10 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.
	The newly built cabin of Lars Nielson bears. S 71°53' W 18,95 chs. dist.
	This cor. stands 200 ft. above cor of secs. 2-3-34 and 35
	Land sloping, rolling bench and marshy meadow
	Soil black loam and sandy 1st rate
	Timber, narrow strip of pine. —
	Dense undergrowth of willow, weeds, sagebrush and thorn
	Dense undergrowth 80,00 chs. —
	S 89° 56' 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 10 lks. S. of cor. of secs. 25-26-35 and 36
	Thence I run
	West on a true line bet. secs. 26 and 35
	Descending in timber on broken slope
40,00	Set a lava stone 24 x 14 x 7 ins. 18 ins in a mound of stones 3 ft. base for 1/4 sec. cor. marked 1/4 on N. face from which
	An aspen tree 5 ins. diam. bears. N 21° 8' W. 45 lks. dist. marked 1/4 S.B.T.
	An aspen tree 5 ins. diam. bears S 42° E. 44 lks. dist marked 1/4 S.B.T.
57,50	Spring branch 3 lks. wide course S 30° W. in ravine 45 ft. deep; thence over broken slope S. descending gradually to
68,00	Leave timber bears N.W. and S.E.
80,00	The cor. of secs. 26-27-34 and 35
	This cor. stands 760 ft. below cor. of secs. 25-26-35 and 36
	Land mountainous broken and sloping
	Soil gravely and stony 2nd and 3d rate
	Timber aspen of small size mostly, and a few pine
	Mountainous land 80,00 chs.

Subdivision of T 24 S R 2 E

Chains N 0°1' W. bet. secs. 26 and 27
Ascending on rolling slope
9,04 Stream 3 lks. wide course W. in ravine 40 ft. deep.
22,00 Top of spur running W. begin descent
25,50 Ravine 90 ft. deep. course W
Ascending in scattering timber
40,00 Set a lava stone 21×9×6 ins. 15 ins. in the ground for 1/4 sec cor. marked 1/4 on W. face from which
An aspen tree 5 ins. diam. bears. N 68°45' W. 40 lks. dist. marked 1/4 S.B.T.
An aspen tree 5 ins. diam. bears. N 9°10' E 65 lks. dist. marked 1/4 S.B.T.
This cor. stands 300 ft. above cor. of secs. 26-27-34 and 35
48,20 Top of spur running E 75 ft. above 1/4 sec. cor.
Descend to
56,55 Stream 3 lks. wide in bottom of ravine 130 ft. deep. course W.
Begin ascent
70,25 Enter aspen timber on top of spur running W. 175 ft. above stream; thence rolling slope W.
78,00 Leave timber bears E. and W.
78,48 Spring branch in bottom of ravine 60 ft. deep. course W stream 1 lk. wide
Ascend to
80,00 Set a lava stone 18×11×9 ins. 12 ins. in the ground for cor. of secs. 22-23-26 and 27 marked with 2 notches on S. and E. edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
Pits impracticable
This cor. stands on S.W. slope 530 ft. above cor of secs. 26-27-34 and 35
Land mountainous rolling and broken
Soil gravely and stony 3d rate
Timber aspen of small size, mostly brake
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 and 26
Thence I run
West on a true line bet. secs. 23 and 26

ubdivision of T 24 S R 2 E

Chains

0,50 Top of ridge running N. and S: begin descent on broken slope

30,00 Bottom of ravine 460 ft. below sec. cor. course S. thence over rolling slope S., in timber bears N.W. and S.E.

40,00 Set a lava stone 18 x 9 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face: raised a of stones 2 ft. base 1½ ft. high N. of cor. –
Pits impracticable. –
No bearing trees of proper size within limits

41,15 Top of spur running S. and S.W.
Begin descent

75,40 Stream 1 lk. wide course S. 60 W. in bottom of ravine 40 ft.
Descending gradually on broken S. slope to

80,00 The cor. of secs. 22-23-26 and 27
This cor. stands 950 ft. below sec. cor. 1 mile E.
Land mountainous
soil gravely and rocky 3d rate
Timber aspen of small size and scattering pine
Mountainous land 80,00 chs.

N 0° 1' W bet. secs. 22 and 23
Ascending on broken W. slope

28,90 Stream 3 lks wide in ravine 50 ft. deep course W. in

40,00 Set a lava stone 17 x 10 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face: raised a m of stones 2 ft. base 1½ ft. high W of cor. –
Pits impracticable

51,25 Top of spur running W.; descend to

55,60 Stream 5 lks. wide course W. in bottom of gulch 125 ft.
Ascend to

80,00 Set a lava stone, 17 x 9 x 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, raised a mound of stones 2 ft. base 1½ ft. high W. of cor. – Pits impracticable
This cor. stands 360 ft. above cor. of secs 22-23-26 and 27
Land mountainous rolling and broken.
Soil gravely wash, stony 2nd and 3d rate
Timber a few pine scattering and bunches of aspen
Mountainous land 80,00 chs.
July 26: At this cor. I set off 19° 23' N on the decl. are. 24 m 6 m 7 m 8 obs

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

chains	Meridian the resulting lat. is 38° 43' 30"
	East on a random line bet. secs. 14 and 23
40,00	Set temp. 1/4 sec. cor.
79,92	Intersect N. and S. line 16 lks. S of cor. of secs. 13-14-23 and 24
	Thence I run
	S 89° 53' W. on a true line bet. secs 14 and 23
	Ascending to
3,00	Top of spur running N. W. from peak. 85 ft. above cor. thence:
	Descend on slide rock to
8,20	Leave slide rock bears N and S
10,70	Enter timber bears N and S
39,96	Set a lava stone 18 x 8 x 6 ins 12 ins in the ground for 1/4 sec cor. marked 1/4 on N. face: from which a pine tree 11 ins diam. bears N. 55° 30' W. 68 lks. dist. marked 1/4 S. B. T.
	No other trees within limits: raised a mound of stones 2 ft. base 1½ ft. high N. of cor.
79,92	The cor. of secs. 14-15-22 and 23
	This cor. stands 1100 ft. below cor. of secs. 13-14-23 and 24
	Land mountainous
	Soil rocky and gravely 3d rate
	Timber pine; and aspen of small size mainly
	Mountainous land 79,92 chs. - -
	N 0° 1' W. bet. secs. 14 and 15
	Ascending on W. slope
4,75	Top of spur running W. 50 ft. above cor.
	Begin descent
9,55	Stream 2 lks. wide course W in ravine 60 ft. deep.
	Ascend over rolling slope to
22,60	Top of spur running W. 75 ft high
	Descend
30,90	Spring branch 3 lks. wide course W. in ravine 90 ft. deep
	Ascend to
37,85	Top of spur running W. 160 ft. high; enter pine timber bears E. and W.
40,00	Set a lava stone 18 x 9 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which

Subdivision of T 24 S R 2 E

chains marked 1/4 S 13 T
A pine tree 11 ins diam bears S 49° 5' W. 81 lks. dist. marked 1/4 S 13. T.
47,75 Stream 5 lks. wide course W. in bottom of gulch 200 ft. deep
Leave timber and ascend; timber bears E and W.
65,00 Top of spur running W. 275 ft. above gulch.--
Thence over rolling slope in pine timber with
80,00 Set a lava stone 18 x 11 x 9 ins. 12 ins. in the g for cor. of secs. 10-11-14 and 15 marked with 4 notches on S. and 2 notches on E. edges; raised mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable.
No bearing trees could be obtained within limits.
This cor stands 5.40 ft. above cor of secs. 14-15-22 and 23
Land mountainous
Soil gravelly 3d rate
Timber pine of large size mainly scattering
Mountainous land 8,00 chs.

N 89° 53' E on a random line bet. secs. 11 and 14
40,00 Set temp. 1/4 sec. cor.
80,00 Intersect N. and S. line 14 lks S. of cor. of secs. 11-12-13 and 14
Thence S now
S 89° 47' W. on a true line bet. secs. 11 and 14
Ascending
4,74 Top of ridge, bears N.E. and S.W. 120 ft. above cor.
Begin descent on N. slope over ravines and ridges; in
28,00 In head of ravine course N 10° E 175 ft. below top of
Begin ascent on N.E. slope, broken and rolling
40,00 Set a lava stone 18 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 stones 2 ft. base 1½ ft. high N of cor.
Pits impracticable.
No bearing trees within limits
49,00 Top of break and ridge bears N. and S.E. 500 ft. cor. of secs 11-12-13 and 14; leave timber
Descending on even slope
53,60 Enter. pine timber
76,70 Leave " "
80 [illegible]

Subdivision of T 24 S R 2 E

chains	This cor stands 465 ft. below top of ridge Land mountainous Soil rocky and gravely 3d rate Timber pine of large growth rather open Mountainous land 80,00 chs.
	July 26: At 3h 30m p.m., L.M.T. I set off 38° 44' on the lat. arc and 19° 21' 30" 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 0° 1' W bet. secs. 10 and 11 Descend to
1,10	Bottom of gulch 30 ft. below cor. course W. Begin ascent
22,20	Enter pine timber on top of ridge 300 ft above cor. bears E. and W.; thence descending to
38,60	Bottom gulch 60 ft. deep course W. Begin ascent
39,90	Leave timber bears E. and W.
40,00	Set a trachyte stone 17×10×8 in. 12 in. in the ground for 1/4 sec cor. marked 1/4 on W. face. from which. A pine tree 36 in. diam. bears. S 48° 30' E 18 lks. dist. marked 1/4 S. B. T. A pine tree 12 in. diam. bears. S 63° 35' W 91 lks. dist. marked 1/4 S B T
49,00	Top of spur running W. 175 ft. high. Enter timber bears E and W., and descend gradually on rolling slope
80,00	Set a lava stone 24×11×6 in. 18 in. in a mound of stones 2½ ft. base for cor. of secs. 2-3-10 and 11 marked with 5 notches on S and 2 notches on E edges, from which A pine tree 30 in. diam. bears. S 2° 12' W. 83 lks. dist. marked T 24 S. R 2 E S 10 B. T. A pine tree 14 in. diam. bears. S 29° 19' E 78 lks. dist. marked T. 24 S. R. 2 E. S. 11 B. T. A pine tree 15 in. diam. bears. N 36° 50' E. 26 lks. dist. marked T 24 S R 2 E S 2 B. T. No other trees within limits; Pili impracticable

Chains	Soil gravely and stony 2d and 3d rate.
	Timber pine of large growth.
	Mountainous land 8,000 chs.
	N 89° 47' E on a random line bet rees 2 and 11
40,00	Set temp. 1/4 cor.
79,90	Intersect N. and S. line 21 chs. N. of cor. of sec.
	1-2-11 and 12
	Thence S and
	S 89° 56' W. on a true line bet. sec. 2 and 11
	Ascending on broken slope & in scattering timber
26,50	Stream 3 chs. wide course N E
37,70	Enter high slope and lava rock slide bears N and S
39,95	Set a lava stone 26 x 12 x 8 ins 20 ins. in a
	mound of stones 3 ft. base for 1/4 sec. cor.
	marked 1/4 on N. face. - Pits inaccessible
	No trees of proper size within limit
42,50	Ascending on N. slope
47,50	Leave lava slide bears N and S
51,10	Top of slope, and ridge bears N W and S E
	900 ft. above cor of sec. 1-2-11 and 12
51,80	Begin descent in pine timber
76,00	Head of spring draw N. 85° W. stream 2 chs wide
79,90	The cor. of sec. 2-3-10 and 11
	This cor. stands 380 ft. below top of ridge
	land mountainous
	Soil gravely and rock slide 2d and 4th rate
	Timber pine of large size; scattering on E. side of hill
	Mountainous land 7990 chs.
	N 0° 1' W. bet secs 2 and 3
	Descending gradually in timber over rolling surface
1,25	Spring branch 2 chs. wide course N 80° W.
8,15	Spring branch 2 chs. wide course N W. in ravine 10 ft. deep
10,50	Leave timber bears N E. and S W.
12,60	Enter head of Opin gulch course S W.
22,02	Trail course N E and S W in bottom of gulch
	Begin gradual ascent
28,00	Ascend on S slope
40,00	Set a lava stone 18 x 10 x 6 ins. 12 ins. in the ground
	for 1/4 sec. cor. marked 1/4 on W. face. I raised a

Chains	
	Pits impracticable
43,40	Enter timber bears E. and W.
61,00	Leave " " " " " "
78,76	Enter timber on top of ridge bears E and W. 730 ft. above bottom of gulch
	Descend to
80,28	Intersect N. bdy. of Tp. 32,24 chs. W. of cor. of secs. 34 and 35.
	Set a lava stone 24 x 9 x 7 ins. 18 ins. in a mound of stones 2 ft. base for closing cor. of secs. 2 and 3 marked C C on S with 2 grooves on E and 4 grooves on W. faces. from which
	A pine tree 10 ins. diam. bears S 19° 9' W. 8 lks. dist. marked T 24 S R 2 E S 3 B.T.
	A pine tree 12 ins. diam. bears S 61° 27' E 9 lks. dist. marked T 24 S R 2 E S 2 B.T.
	This cor. stand close to the edge of break - N. from here the surface falls abruptly about 400 ft. to bottom of old crater
	Land mountainous
	Soil gravely and stony 2d and 3d rate
	Timber pine of fair growth
	Mountainous land 80 28 chs.
	July 26. 1895

July 27: At 7h. 30m A.M., T.m.T. I set off 38° 41'. on the lat. arc and 19° 13'. N. on the decl. arc and determine a true meridian with the solar at cor. of secs. 3-4-33 and 34 on S. bdy. of Tp.

	Thence on a
	N 0° 2' W. bet. secs. 33 and 34
	On timber ascending on E slope to
19,00	Top of spur running E. 150 ft. above cor.; thence over rolling slope to
40,00	Set a lava stone 24 x 9 x 6 ins. 18 ins. in a mound of stones 2½ ft. base for 1/4 sec. cor. marked 1/4 on W. face, from which
	An aspen tree 9 ins. diam. bears S 49° 5' 7' W. 18 lks. dist. marked 1/4 S. B.T.
	An aspen tree 11 ins. diam. bears S 81° 21' E 6 lks. dist. marked 1/4 S. B.T.

Subdivision of T 24 S R 26 E

Chains	
49.75	Spring branch 3 lks wide course E.
80.00	Set a lava stone 24 x 11 x 6 in. 18 in in ground and mound of stones 3 ft. base for cor. of secs. 27-28-33 and 34 marked with 1 notch on S. and 3 notches on E. edges. from which
	An aspen tree 4 in. diam. bears S 68° 17' W 1.6 lks. dist. marked T 24 S R 26 E S 33 B.T.
	An aspen tree 4 in. diam. bears N 36° 28' E 15 lks dist. marked T 24 S R 26 E S 27 B.T.
	An aspen tree 4 in. diam. bears N 65° 53' W. 6 lks dist marked T 24 S R 26 E. S. 28 B.T.
	No other trees of proper size within limits.
	Pits impracticable. -
	This cor. stands on E slope and rocky surface in dense aspen timber 300 ft. below top of spur
	Land mountainous, steep broken slope
	with gravelly wash, rocky 2nd and 3d rate
	Timber aspen, mostly small size and dense
	Mountainous land 80.00 chs.
	S 89° 56' E on a random line bet. secs. 27 and 34
40.00	At temp. 1/4 sec. cor.
79.90	Intersect N and S line at cor. of secs. 26-27-34 and 35
	Thence I run
	N 89° 56' W. on a true line bet. secs. 27 and 34
	Descending gradually in dense undergrowth
6.50	Stream 4 lks wide course S.W.
	Enter marshy meadow bear East.
20.10	Seven mile Creek 10 lks wide course S. in bottom of wide open gulch. 150 ft below sec cor.
	Begin gradual ascent, leave marsh
39.95	At a trachyte stone 18 x 8 x 7 in. 12 in in the ground for 1/4 sec cor. marked 1/4 on N. face; raised a mound of stones 2 ft. base 1 ft. high N. of cor. Pits impracticable
	This cor. stands on top of ridge or spur running S. 1.00 ft. above creek. -
	Leaving it
46.25	Bottom of draw 40 ft. deep course S. E.; thence ascending gradual
49.50	Road from Grass Valley to Fish Lake course N and E
62.50	A stake 2 x 2 in. 24 in. diam. bears N 17 W 6.25 lks dist.

Subdivisions of T 24 S R 22 E

chains	
	Enter aspen timber and begin ascend on steep broken slope, bears N 30° W and S 30° E; leave dense undergrowth
79,90	The cor. of secs. 27-28-33 and 34
	This cor. stands 330 ft. above 1/4 sec. cor.
	Land mountainous, and rolling valley
	soil in valley gravely wash, and loam 1st rate
	balance gravely 2nd rate
	Timber aspen of small size and a few scattering pine
	Dense undergrowth of Willow weeds, and sagebrush
	Mountainous land and dense undergrowth 79,90 chs
	N 0° 2' W. bet. secs. 27 and 28
	Descending on N. E slope in timber
25.70	Leave Timber at foot of slope bears. N 30° W and S 30° E
	Enter dense undergrowth
31,90	Spring branch 8 lks. wide course E. swift current good water
	Spring bears. W. 2 chs.: enter dense willow tangle
37,20	Seven mile creek 5 lks wide, swift current, course S. E.
	Thence along creek
47,00	Set a lava stone 26 x 11 x 7 ins. 20 ins. in ground and
	mound of stones 3 ft. base for 1/4 sec. cor. marked 1/4 on
	W. face Pits witness/ easily.
	This cor. stands close to bank of creek in dense willow
	tangle, and 300 ft. below cor. of secs. 27-28-33 and 34
44,20	Creek turns N. W.
45,70	Leave willow and creek bottom and ascend on rolling slope
	bears N 30° W. and S 30° E
47,10	Road from Grass Valley to Fish Lake course N.W. and S.E.
80,00	Set a lava stone 18 x 9 x 8 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 witness/ easily.
	This cor. stands on S. W. slope 100 ft. above creek.
	Land Mountainous slope, and creek bottom
	soil in bottom loam 1st rate balance gravely wash 2nd rate
	Timber aspen of small size and dense.
	Dense undergrowth of Willow thorn and sagebrush
	Mountainous land and dense undergrowth 80,00 chs
	S 89° 56' E on a random line bet. secs. 22 and 27
4,00	Set temp. 1/4 sec. cor

Subdivision of T 24 S R 2 E

Chains	
	26 and 27
	Thence I run
	N 89°43' W on a true line bet. secs. 22 and 27
	Descending gradually on rolling surface in dense undergr.
16,25	Stream 4 lks, wide course S 25° W.; a spring bears. N 40° E 14,00 chs. dist.
	Begin ascent
19,55	Top of spur running S W. 50 ft. high
	Descend
25,50	Stream 6 lks. wide course S 10° W. in bottom of draw. 60 ft. deep.
	Ascend to
32,70	Top of spur running S., 75 ft. high
	Descend gradually on rolling slope S.W.
40,00	Set a lava stone 18×10×6 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.
	A cabin said to belong to Godfredson, but deserted, bears. S 51°20' E 8,16 chs. dist.
80,00	The cor. of secs. 21-22-27 and 28
	This cor stands 300 ft. below top of spur
	Land mountainous, rolling, broken slope
	Soil gravely wash 2d rate
	No timber; dense undergrowth of sagebrush willow and thorn
	Mountainous land and dense undergrowth 80,00 chs.
	N 0°2' W. bet. secs 21 and 22
	Ascending gradually, in dense undergrowth.
34,40	Dry wash 10 ft. deep course W
40,00	Set a trachyte stone 22×10×6 ins. 16 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
48,60	Seven mile creek 6 lks. wide course S.W.
80,00	Set a trachyte stone 18×10×8 ins. 12 ins. in the ground for cor. of secs. 15-16-21 and 22 marked 24 S. on on N.E. and 2 E on S.E. faces with 3 notches on S. and E. edges raised a mound of stones 2 ft. base 1½ ft. high W. of cor. Pits impracticable
	[illegible]

Subdivision of T. 24 S R 2 E

chains	
	Land. sloping creek bottom or bench Soil gravely wash 1st rate No timber:- Dense undergrowth of of sagebrush thorn and willow Dense undergrowth 80,00 chs. July 27; At this cor. I set off 19°10' N. on the decl. arc and at 12h 6m p.m., l.m.t. observe the sun on the meridian; the resulting lat. is 38°43'30"
	S 89°43' E. on a random line bet. secs. 15 and 22
40,00	Set temp. 1/4 sec. cor.
80,00	Intersect N. and S. line 16 lks. S. of cor. of secs. 14-15-22 and 23 Thence I run N. 89°50' W. on a true line bet. secs. 15 and 22 Descending on W. slope
8,00	Foot of mountainous slope bears N and S. 75 ft. below cor. Enter rolling bench and descend gradually in dense undergrowth
30,00	Enter dense willow tangle bears N.E. and S.W.
34,96	Stream 4 lks. wide course S.W.
35,30	Leave willows bears N E and S.W.
40,00	Set a trachyte stone 18 x 8 x 7 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
80,00	The cor. of secs. 15-16-21 and 22 This cor. stands 480 ft. below cor. of secs. 14-15-22 and 23 Land mountainous slope and rolling bench Soil gravely wash 1st and 2nd rate No timber.- Dense undergrowth of sage, thorn and willow Mountainous land and dense undergrowth 80,00 chs
	N. 0°2' W. bet. secs. 15 and 16. Ascending gradually on S.W. slope in dense undergrowth
6,00	Top of ridge bears E. and W. 65 ft. above cor. Begin gradual descent on rolling slope
16,52	Dry wash in draw course W., 50 ft. deep.

Subdivision of T 24 S R 2 E

Chains

30,00 Top of ridge bears E. and W. 70 ft. high
Descend

33,47 Wood road course N. 80° E. and S. 80° W.

36,42 Stream 5 lks. wide in bottom of gulch 160 ft. deep.
course W.
Begin ascent on steep slope

40,00 Set a lava stone 21 × 11 × 6 ins. 15 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 W. of cor.
Pits impracticable. –
A stock coral 150 ft. diam. bears. S 61° 10' W 15,00 chs. dist.
This cor. stands on S. slope 115 ft. above creek.

53,75 Top of ridge 200 ft above 1/4 sec. cor. bears. E and W
Descend on rolling slope

69,00 Enter aspen timber bears E and W

80,00 Set a lava stone 23 × 10 × 9 ins. 18 ins. in a mound of stones 3 ft. base for cor. of secs. 9-10-15 and 16 marked with 4 notches on S. and 3 notches on E. edges from whe
An aspen tree 10 ins. diam. bears. N 21° 28' W. 31 lks. dist. marked T 24 S R 2 E. 9 B.T.
An aspen tree 6 ins. diam. bears. N 24° 25' E 42 lks. dist marked T 24 S R 2 E S 10 B T
An aspen tree 5 ins. diam bears. S 33° 30' E 39 lks. dist marked T 24 S R 2 E S 15 B.T.
An aspen tree 6 ins. diam. bears. S 25° 20' W. 15 lks. dist. marked T 24 S R 2 E S 16 B T
This cor. stands 250 ft. below top of ridge
Land mountainous, rolling and broken
Soil gravely wash 2d rate
Timber aspen. –
Dense undergrowth of sagebrush and thorn
Mountainous land and dense undergrowth 80,00 chs

S 89° 50' E on a random line bet. secs. 10 and 15

40,00 Set temp. 1/4 sec cor.

80,00 Intersect N. and S. line 22 lks. S. of cor. of secs. 10-11-14 and 15
Thence I run
West on a true line bet. secs 10 and 15
Descending on side of ravine

17,00 [illegible]

Subdivision of T 24 S R 2 E

Chains	
	Begin ascent
30,25	Top of ridge 175 ft. high course N.E. and S.W.
	Descend to
40,00	Set a lava stone 18×9×7 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. –
	Thence over rolling slope, descending
61,10	Wood road course N 25° E and S 25° W.
63,55	Enter aspen timber bears N and S.
80,00	The cor. of secs. 9-10-15 and 16
	This cor. stands 4,75 ft. below cor of secs. 10-11-14 and 15
	Land mountainous
	Soil gravely wash rocky 2nd and 3rd rate
	Timber aspen
	Mountainous land 80,00 chs. –
	N 0° 2' W. bet. secs. 9 and 10
	Descending in timber on N.W. slope
4,00	Leave timber bears N E and S.W.
11,00	Bottom of gulch 130 ft. deep. course S.W.; ascend
11,42	Wood road course N.E. and S.W.
15,00	Enter timber bears N.E. and S.W.
26,60	Top of ridge bears N E and S.W. 260 ft. above gulch
	Descend
35,00	Leave timber bears N.E. and S.W.
38,75	Stream 3 lks. wide in bottom of gulch 110 ft. deep course S.W.
	Ascend.
40,00	Set a lava stone 18×9×6 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
52,00	Wood road course N. E. and S W
66.05	Enter timber bears N.E. and S.W.
80,00	Set a lava stone 24×14×6 ins. 18 ins. in a mound of stones 2½ ft. base for cor. of secs. 3-4-9 and 10 marked with 5 notches on S. and 3 notches on E. edges from which
	An aspen tree 5 ins. diam. bears N 65° 20' W. 7 lks. dist. marked T 24 S R 2 E. S. 4 B. T.
	– 4 – [illegible] 70 . 18 l. [illegible]

Subdivision of T 24 S. R. 2 E

chains	dist. marked T. 24 S. R. 2 E. S 3 13. T. ✓
	An aspen tree 6 in. diam. bears S 11° 15' W. 19 lks.
	dist. marked T 24 S R 2 E S 9 13. T. ✓
	An aspen tree 8 in. diam bears S 13° 2' E 36 lks
	dist. marked T 24 S R 2 E S 10 B T ✓
	This cor stands on rocky surface and S. slope 460 ft
	above cor. of sees. 9-10-15 and 16
	Land Mountainous
	Soil gravely wash and rocky 3d. rate
	Timber aspen, of small size mostly, and a few
	scattering pines
	Mountainous land 80,00 chs.
	East on a random line bet. sees. 3 and 10
40,00	Set temp. 1/4 sec. cor.
80,00	Intersect N and S line 21 lks. S of cor. of sees. 2-3-10 and 11
	Thence S 89° 57' W. on a true line bet. sees. 3 and 10
	Descending on rolling slope in scattering timber
18,00	Old saw mill setting bears N. 10.00 chs
28,15	Stream 3 lks. wide in bottom of gulch 125 ft. deep.
	course S. W. Leave scattering timber
30,08	Wood road bears N.E. and S.W.
	Begin ascent
35,00	Enter aspen timber bears N E and S.W.
49,00	Set a lava stone 18 x 10 x 7 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 E of cor. —
	Pits inaccessible: -
	no trees of proper size for bearing trees, within limits
56,00	Top of spur running S 25° W from plateau
	Begin descent
65,80	Leave timber bears N and S.
67,45	Stream 2 lks. wide course S 10° W in bottom of gulch 100 ft. deep.
	Ascend
74,60	Enter timber bears N and S
80,00	The cor. of sees. 3-4-9 and 10
	Land mountainous rolling and broken
	Soil gravely and stony 3d rate
	Timber [illegible]

Subdivision of T 24 S R 2 E

Chains

Mountainous land 8000 chs.

N 0° 2' W bet secs. 3 and 4
Ascending on spruce in timber
14,00 Top of slope bears S.E. and N.W.; thence on edge of break W. from plateau on rolling broken slope
40,00 Set a lava stone 18 x 11 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; from which An aspen tree 4 ins diam. bears N 43° 30' E 40 lks dist. marked 1/4 S.B.T.
No other trees of proper size within limits.-
Raised a mound of stone 2 ft. base 1½ ft. high W. of cor
Pits impracticable.
61,00 Begin descent on N. slope
67,00 Bottom of gulch 200 ft. deep course W.
Ascending; leave timber bears E. and W.
71,00 Top of slope; thence on edge of break W. from plateau
80,72 Intersect N. bdy. of Tp. 32 E. chs. W. of cor of secs. 33 and 34
Set a lava stone 21 x 10 x 6 ins. 15 ins. in the ground for closing cor. of secs. 3 and 4 marked C C on S with 3 grooves on E. and W. faces. from which An aspen tree 8 ins. diam. bears N 40° E 21 lks. dist marked T 24 S R 2 E S 3 and 4 C.C.B.T.
An aspen tree 7 ins. diam. bears S 79° W 6 40 lks. dist. marked T 24 S R 2 E S 3 B.T.
Raised a mound of stone 2 ft. base 1½ ft. high S. of cor
Note There being no other trees within limits and wishing to witness the cor. properly it being on a steep mountain hillside and unsafe I used the tree on N. of Edge.-
Land mountainous broken and rolling
Soil gravely and rocky 3rd rate
Timber aspen of small size, and scattering pine
Mountainous land 80,72 chs.-

July 27, 1895

From cor. of secs. 4-5-32 and 33 on S. bdy. of Tp.
0 ins
N 0° 3' W. bet secs. 32 and 33
Descending on bottom slope in timber
4,00 Set a lava stone 18 x 10 x 7 ins. 12 ins. in the ground

Subdivision of T 24 S R 2 E

chains	A pine tree 6 in. diam. bears N 19° 50' W. 83 lks dist. marked 1/4 S B.T.
	A pine tree 10 in. diam. bears S. 66° 30' E 112 lks. dist. marked 1/4 S.B.T.
48,12	Bottom of gulch 370 ft. below cor. to secs. 4-5-32 and 33.
	Thence on W slope to
55,00	Begin descent on N. slope to
80,00	Set a trachyte stone 18 x 10 x 6 in. 12 in. in the ground for cor. of secs. 28-29-32 and 33 marked with 1 notch on S and 4 notches on E. edges; from which
	A pine tree 7 in. diam. bears N 17° 11' W. 15 lks. dist. marked T 24 S R 2 E S. 29 B.T.
	A pine tree 8 in. diam. bears N 44° 14' E 9 lks. dist. marked T 24 S R 2 E S. 28 B.T.
	A pine tree 6 in. diam. bears S. 55° 57' E. 33 lks. dist. marked T. 24 S. R. 2 E. S. 33. B.T.
	A pine tree 11 in. diam. bears S 29° 53' W. 49 lks. dist. marked T 24 S R 2 E S 32 B.T.
	This cor. stands 900 ft. below cor. of secs. 4-5-32 and 33
	Land mountainous
	Soil rocky and gravely 3d rate
	Timber pine of large size, and heavy growth on N half; on S. half rather scattering
	Mountainous land 80,00 chs.
	S 89° 56' E on a random line bet secs. 28 and 33
40,00	Set temp. 1/4 sec. cor.
80,22	Intersect N and S. line 16 lks. S. of cor. of secs. 27-28-33 and 34
	Thence I run
	S 89° 57' W on a true line bet. secs. 28 and 33. ascending broken slope in timber
40,11	Set a lava stone 18 x 10 x 6 in. 12 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
	No bearing trees of proper size within limits
	Thence on N. slope ascending gradually
67,70	Top of spur running N. 785 ft. above cor of secs. 27-28-33 and 34
	Begin descent on N. slope
[illegible]	[illegible]

Subdivision of T 24 S R 2 E

chains	
	Land mountainous Soil rocky and gravelly 3d rate Timber aspen and scattering pine on E half: on W. half pine of heavy growth Mountainous land 80,22 chs. -
	N 0° 3' W. bet secs. 28 and 29 Descending in pine timber
11,60	Leave timber bears N. E. and S. W.
16,15	Bottom of gulch 280 ft. below sec. cor. course N. E.: a stream 2 lks. wide in bottom of gulch. Trail NE & SW Ascend on E. slope
35,60	Spring branch 2 lks wide flows. E in wash 8 ft. deep.
40,00	Set a lava stone 18×9×6 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. - Old sawmill setting bears. S 57° 10' E 24,00 chs.
46,00	Top of spur running E; thence descending on N. E. slope
50,00	Enter pine timber bears. E and W.
77,75	Leave timber bears. W. and N. E.
80,00	Set a lava stone 21×11×7 in. 16 in. 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 600 ft. below cor. of secs. 28-29-32 and 33 Land mountainous broken and sloping Soil gravely and stony 3d rate Timber pine of heavy growth Mountainous land 80,00 chs. -
	July 28: At 9h 45m A.m., l.m.t. I set off 38° 43' on the lat. arc and 18° 57' 30" N on the decl. arc. and determine with the solar a true meridian at the cor of secs 20-21-28 and 29 Thence I run N. 89° 57' E. on a random line bet. secs. 21 and 28
40,00	Set temp. 1/4 sec. cor.
80,00	Intersect N and S. line 8 lks. N. of cor. of secs. 21-22-27 and 28 Thence I run

Chains	
	Descending gradually in dense undergrowth -
6,13	Road from Grass Valley to Fish Lake course N. 10° W and S. 10° E.
11,00	Seven mile creek 6 lks. wide course S. in bottom of g 50 ft. below cr.
16,45	Ascending on rolling slope bears N. and S., in timber
32,00	Top of ridge bears N and S 320 ft. above creek. Begin descent in scattering timber
38,60	Leave timber
40,00	Set a lava stone 18 x 9 x 7 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 cr. - Pits impracticable. -
40,90	Wood road bears N. and S at foot of slope. Enter marshy meadow
41,71	Stream 3 lks wide course N
48,15	Leave meadow enter slope bears N. and S.; road to old mill bears N. and S Ascending; leave dense undergrowth -
63,70	Enter pine timber bears N. and S.
75,60	Leave " " " N & and S W.
80,00	The cor. of secs. 20-21-28 and 29 Land mountainous slope and creek bottoms Soil sandy loam and rock 2nd rate - Timber aspen of small size on E. part; on W. part pine of heavy growth. Dense undergrowth of sagebrush willow and thorn. Mountainous land and dense undergrowth. 80,00
	N 0° 3' W. bet. secs. 20 and 21 Descending gradually
5,94	Stream 5 lks. wide course N. 65° E. 40 ft. below cr. Ascending
11,90	Enter aspen timber bears N. E. and S. W.
20,30	Top of spur running S 80° E 200 ft. above stream Begin descent
24,01	Leave timber bears E. and W.
35,75	Foot of slope bears E. and W.; enter swampy meadow and dense undergrowth -
40,00	Set a lava stone 17 x 9 x 8 ins. 12 ins. in the ground for 1/4 sec cor. marked 1/4 on W. face; raised a mound

Subdivision of T 24 S R 22 E

Chains	
	Pili impracticable
46,00	Leave meadow and dense undergrowth; bears E and W. thence ascending on rolling slope
63,00	Top of spur running E 240 ft. above meadow
	Begin descent on N. E. slope
73,15	Old road bears N W and S E
79,92	Road from Grass Valley to Fish Lake course E and W.
80,00	Set a lava stone 18 x 10 x 6 ins. 12 ins in the ground for cor. of secs. 16-17-20 and 21 marked with - 3 notches on S. and 4 notches on E. edges; raised a mound of stones 2 ft. base 1½ ft. high. W. of cor. -
	Pili impracticable
	The door of an old log cabin now deserted bears S 27° 48' W 6.11 chs. dist.
	This cor stands on E slope in swale draining E 75 ft. below top of spur
	Land mountainous slope and marshy meadow
	Soil gravelly loam and ash 2nd rate
	Timber aspen of small size
	Dense undergrowth of willow and sedge.
	Mountainous land 80.00 chs.
	July 28: At this cor I set off 18° 56' E on the declination and at 12 46 m p.m. 2 m ? - observe the sun on the meridian; the resulting lat. is 38° 43' 30"
	East on a random line between secs. 16 and 21
4,00	Set temp. 1/4 sec. cor.
80,30	Intersect N. and S. line 37 chs. S. of cor. of secs. 15-16-21 and 22
	Thence I run
	S. 89° 44' W. on a true line between secs. 16 and 21
	Descending gradually on rolling bench
14,45	Wood road bears N. and S. in bottom of draw. running S. to creek 30 ft. below cor.
	Ascend gradually to
19,50	Top of ridge 25 ft. above draw bears N. and S.
	Begin descent on rolling slope
38,80	Dry wash in bottom of gulch 250 ft. below ridge course N 35° W.
	Ascending gradually
40,15	Set a a lava stone 18 x 11 x 8 ins. 12 ins. in the

Chains	
	raised a mound of stones 2 ft. base 1½ ft. high N. of cor. – Pits impracticable
7,00	Top of ridge 50 ft. high bears N and S
	Descend gradually W
5.40	Stream 4 lks. wide course N in gulch 5 5 ft. below top of ridge
	Ascending gradually W
70,80	Wood road course N 60° E and S 60° W.
73,75	Forks of roads bears S 1,00 chs dist.
80,30	The cor. of secs. 16-17-20 and 21
	This cor. stands 300 ft. above stream
	Land mountainous, rolling and broken.
	Soil gravely wash 2nd rate
	No timber
	Mountainous land 80,30 chs –

	N 0° 30' W. bet. secs. 16 and 17
	On rolling slope E
12,50	Begin ascent
17,00	Top of ridge 100 ft. above cor. bears N. 80° E and S. 80° W.
	Descend
27,20	Edge of bank to Lost Creek bears N 80° E and S 80° W.: thence descending on steep slope, in timber, bears E and W.
38,50	Spring branch 4 lks. wide course N. 65° W.
40,00	A stone 3 x 2 x 1½ ft. above ground for 1/4 sec. cor. marked 1/4 on W. face from which Quaking Aspen tree 4 in. diam. bears N 85° 10' E 7 lks. dist. marked 1/4 S. B. T.
	A pine tree 4 in. diam. bears N 38° 30' W. 10 lks. dist. marked 1/4 S. B. T.
50,85	Spring branch 4 lks. wide course N 60° W.
54,75	Lost Creek 15 lks. wide in bottom of narrow gulch 600 ft. below top of ridge; course N. 80° W.
	Begin ascent on steep, rocky, and rolling slope
55,76	Stream 8 lks. wide course S.W. 30 ft. above creek. swift current.
61,00	Top of spur 225 ft. above creek course S 60° W.
	Descend W
63,50	Bottom of ravine and dry wash 50 ft. deep course S.W.
	Ascend on S E slope in aspen and oak brush.: leave timber
4 m	[illegible]

Subdivision of T 24 S R 2 E

chains	
	Ascending on W. slope
8,00	Set a lava stone 22×13×9 ins. 16 ins. in the ground for cor. of secs. 8-9-16 and 17 marked with - 4 notches on S. and E. edges.; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. - Pits impracticable
	This cor. stands 500 ft. above creek.
	Land mountainous
	Soil gravely and rocky; and red clay in gulch. 3d rate
	Timber pine and aspen dense but small size mainly
	Mountainous land 80,00 chs.
	N. 89°44' E. on a random line bet. secs. 9 and 16
40,00	set temp. 1/4 sec cor.
80,20	Intersect N. and S. line 16 lks. N. of cor. of secs. 9-10-15 and 16
	Thence I run
	S. 89°51' W. on a true line bet. secs. 9 and 16
	Descending on N slope in timber
2,90	Leave timber bears. N.E. and S.W.
12,00	Wood road in bottom of gulch course N E and S.W.: gulch drains S.W.
	Ascend
14,50	Enter timber bears. N.E. and S.W.
21,00	Top of spur running S.W.; leave timber bears. N E and S W
	Descend to
27,60	Dry wash in bottom of gulch, course S.W. 75 ft. deep.
	Ascend and enter timber bears N.E. and S.W.
38,00	Top of slope enter broken slope S
40,10	set a lava stone 18×9×7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which an aspen tree 9 ins. diam. bears. N 10°30' E. 15 lks. dist. marked 1/4 S B T.
	An aspen tree 8 ins. diam. bears. S 74°10' E 11 lks. dist. marked 1/4 S. B. T. - raised a mound of stones 2 ft. base 1½ ft. high N. of cor.
42,05	Edge of precipice 40 ft. deep bears N. and S. - Descend to
44,60	Enter bottom of gulch 150 ft. below 1/4 sec. cor. course S 25° W.; leave timber bears N and S.
44,95	Stream 3 lks. wide course S 25° W.
47,70	Leave bottom of gulch bears. N 25° E and S 25° W. and ascend
8	[illegible]

Subdivision of T 24 S R 2 E

Chains	
52,00	Top of spur 140 ft. high, running S.W.
	Descend to
64,75	Bottom of ravine 370 ft. below top of spur; leave timber enter brush.
65,00	Stream 2 lks wide course S 20° W.
	Ascend to
80,00	Top of spur running S. 20° W.
	Descend
80,20	The cor. of secs. 8-9-16 and 17
	Land mountainous
	Soil gravely and rocky 3d rate
	Timber aspen, of small size mainly
	Mountainous land 80.20 chs.
	N. 0° 3' W. bet secs. 8 and 9
	Ascending gradually on W slope over washes and ridges; in brush and scattering timber
40,00	Set a trachyte stone 18 x 9 x 8 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
	No bearing trees of proper size within limits
	This cor. stands on top of spur running W 250 ft. above cor. of secs. 8-9-16 and 17
	Descending gradually on broken slope W.
67,18	Stream 4 lks. wide in ravine 280 ft. below 1/4 sec. cor. course W
	Begin ascent on broken slope
80,00	Set a lava stone 18 x 10 x 6 ins. 12 ins. in the ground for cor. of secs. 4-5-8 and 9 marked with 5 notches on S. and 4 notches on E. edges; from which
	A pine tree 10 ins. diam. bears N 25° 48' W. 92 lks dist. marked T. 24 S. R. 2 E. S. 5 B.T.
	A pine tree 8 ins. diam. bears N 83° 15' E 78 lks dist. marked T 24 S R 2 E S 4 B.T.
	No other trees of proper size within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. -
	This cor stands 90 ft. above stream
	Land mountainous steep broken slope
	[illegible]

Subdivision of T. 24 S. R. 26.

chains	
	Timber aspen of small size, mainly brake and brush and scattering pine trees Mountainous land 80,00 chs.
	N 89° 51' E on a random line bet. secs. 4 and 9
4,00	Set temp. 1/4 sec. cor.
51,12	Intersect N. and S. line 12 chs. N. of cor. of secs. 3-4-9 and 10
	Thence S. [illegible]
	S 89° 56' W on a true line bet. secs. 4 and 9
	Descending on steep broken slope W. in aspen timber
4,00	Set a lava stone 17 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 1 1/2 ft. high. N. of cor. - Pits impracticable.
	On bearing tree of proper size within limits
50,12	The cor. of secs. 4-5-8 and 9
	This cor. stands 5 x 5 ft. below cor. of secs. 3-4-9 and 10
	Land mountainous
	Soil gravelly and rocky, and in parp. clay breaks.
	Timber aspen of small size and some pine
	Mountainous land 80,12 chs.
	N 6° 3' W. bet. secs. 4 and 5
	Over rolling slope W. ascending to timber and brush
5,57	Top of spur running W.
	Descend to
12,92	Bottom 3 chs. wide in ravine 60 ft. deep course W.
	Ascend
35,75	Top of spur running W. 191 ft. high
	Begin descent
40,00	Set a trachyte stone 18 x 11 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 ft. base 1 1/2 ft. high W. of cor. - Pits impracticable.
45,65	Bottom of ravine 45 ft. deep and stream 3 chs. wide course S 70° W
	Ascend to
54,50	Top of spur running S.W. 58 ft. high
	A log cabin bears N 88° 12' E 18,24 chs. dist. surrounded by fence inclosing about 12 acres of ground; rolling

Subdivision of T 24 S R 2 E

Chains	Cabin described and name of claimant not learned.
	Descend W
65,42	Stream 2 chs. wide course S.W. in gulch 30 ft. deep
	ascend and leave timber
72,20	Top of ridge 65 ft. high course N.E. and S.W.; descend
80,96	Intersect N. bdy. of Tp. 20.60 chs. W. of cor. of secs.
	32 and 33
	set a trachyte stone 21×11×6 ins. 16 ins. in the ground
	for closing cor. of secs. 4 and 5 marked C.C. on S.
	with 4 gutter on E and 2 grooves on W. faces; raised
	a mound of stones 2 ft. base 1½ ft. high S. of cor.
	Pits inspectionable. —
	Land Mountainous.
	Soil gravelly and stony 2nd and 3d rate.
	Timber aspen of small size mainly and a few
	pine scattering
	Mountainous land 80.96 chs.
	July 28. 1895.

	July 29; At 7h 15m a.m., L.M.T. I set off 38° 41' on the
	lat. arc and 18° 45' W on the dec. arc and determined
	a true meridian with the solar at the cor. of secs. 5-6
	31 and 32 on S. bdy. of Tp
	Thence I run
	N 0° 3' W bet. secs. 31 and 32
	Over rolling slope W.
10,00	Head of draw course W.; begin ascent
26,00	Top of spur running S.W.
	Descend
26,40	Enter timber bears N.E and S.W.
30,10	Dry wash in bottom of gulch 10 ft. deep course S.W.
	Ascend on steep rocky slope
30,54	Top of gulch bears N.E and S.W.; begin gradual ascent
	on W. slope
40,00	Set a lava stone 18×9×6 ins. 12 ins. in the ground for
	W sec. cor. marked 1/4 on W. face; from which
	an aspen tree 7 ins. diam. bears S 47° 15' E. 11 lks.
	dist. marked 1/4 S.B.T.
	On other trees within limits; raised a mound of
	stones 2 ft. base 1½ ft. high W of cor.
	bears timber bears E and W.

Subdivision of T 24 S R 22 E

Chains	
	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 1½ ft. high N. of cor. Pits impracticable.
	This cor. stands 5.00 ft. above cor. of secs. 5-6-31 and 32
	Land mountainous rolling and clothing
	Soil gravely ash 2nd rate
	Timber pine and aspen
	Mountainous land 8,00 chs.
	S. 89° 56' E. on a random line bet secs. 29 and 32
4,00	at limb. 1/4 sec. cor.
8,00	Intersect N. and S. line at cor. of secs. 28-29-32 and 33
	Thence S. on
	N 89° 56' W on a true line bet. secs. 29 and 32
	Descending on bottom N. slope in timber
8,00	Stream 2 lks. wide course N in gulch 60 ft. below cor.
	ascend gradually &
13,00	ridge 40 ft. high bears N. and S.; leave timber bear tracks
	Descend gradually &
17,50	Very rocky course S in open draw 3,00 chs S of low divide
	between Daniels Canon and Seven Mile
	Ascend
18,95	Trail bears N.E. and S
23,95	Enter timber bears N. and S.
38,60	Leave timber bears N.E. and S.W.
40,00	at a blazed stone 18 x 12 x 5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face: from which
	An aspen tree 9 ins. diam. bears S 60° E 47 lks. dist. marked 1/4 S. B.T.
	No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high N. of cor.
46,00	Top of spur running S 260 ft. above draw
	Descend
68,40	Head of gulch and spring branch 2 lks wide course S. 350 ft. below top of spur
	Thence on S W slope descending gradually
80,00	The cor. of secs. 29-30-31 and 32
	Land mountainous, rolling
	Soil gravely ash 2nd rate

Subdivision of T 24 S R 2 E

Chains Mountainous land 80,00 chs.

N 89° 56' W on a random line bet. secs. 30 and 31

40,00 Set temp 1/4 sec. cor.

73,00 Intersect W. bdy. of Tp. 10 lks. N of cor. of secs. 25-30-31 and 36

Thence Drum

East on a true line bet. secs. 30 and 31

Descending in timber on E. slope

14,55 Dry wash in gulch 300 ft. below cor. course S

Begin ascent on S.W. slope; leave timber bears N.

33,00 Set a trachyte stone 17×10×9 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

34,00 Top of spur running S. 275 ft. above gulch

Enter timber bears N and S., and descend

45,00 Leave timber bears N. and S.

50,45 Bottom of gulch and dry wash 230 ft. below spur; course S.; a spring bears S. 5 chs. flows S

Ascend W

73,00 The cor. of secs. 29-30-31 and 32

This cor stands 280 ft. above gulch.

Land mountainous, rolling

Soil gravely wash rocky 2nd and 3rd rate

Timber aspen of small size and scattering pine

Mountainous land 73,00 chs.

N 0° 3' W. bet. secs. 29 and 30

Ascending on broken S. slope

40,00 Set a trachyte stone 22×11×6 ins. 16 ins in the g 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

49,60 Enter aspen timber bears N.E. and S.W.

65,00 Leave " " enter scattering pine timber

80,00 Set a trachyte stone 18×10×7 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. from which a spruce tree 6 ins. diam. bears. S 33° 30' W. 24 lks. dist marked T 24 S R 2 E S 30 B.T.

Subdivision of T 24 S R 22 E

Chains	
	Stones 2 ft. base 1½ ft. high N. of cor. Pit impracticable. – This cor stands on S slope 500 ft. above cor of secs. 29-30-31 and 32 Land mountainous broken and rolling Soil gravelly rock strewn with large lava boulders. 3rd rate Timber aspen of small size and fine scattering Mountainous land 80,00 chs. —
	S 89° 56' E on a random line bet. secs. 20 and 29
40,00	set temp. ¼ sec. cor.
79,76	Intersect N and S line at cor. of secs. 20-21-28 and 29
	Thence S run N 89° 58' W. on a true line bet. secs. 20 and 29 Ascending, on rolling slope N.E
14,50	Stream 3 chs. wide in ravine 15 ft. deep, course N.
23,20	Enter timber bears. N and S.
25,75	Stream 4 chs. wide in ravine 20 ft. deep course N.E.
39,88	Set a lava stone 21×11×5 in. 16 in. in the ground for ¼ sec. cor. marked ¼ on N. face from which A pine tree 6 in. diam. bears S 82° 16' E 17 lks. dist. marked ¼ S.B.T. An aspen tree 5 in. diam. bears N 24° 45' E 9 lks. dist. marked ¼ S.B.T. Raised a mound of stones 2 ft. base 1½ ft. high N. of cor. This cor. stands on E. slope 450 ft. above cor. of secs. 20-21-28 and 29 Thence ascending in lava boulders. bears N.W. and S.E.
49,00	Ascent becomes steep and rocky
62,90	Top of brush and ridge 500 ft. above ¼ sec. cor. course N 75° W and S 75° E. Begin gradual descent on S. slope in scattering timber
79,76	The cor. of secs. 19-20-29 and 30 Land mountainous Soil rocky and gravelly 2nd and 4th rate — Timber pine and aspen of fair growth Mountainous land 79,76 chs. Note: The sky being overcast during the noon hour I was unable to observe the sun while on the meridian

Subdivision of T. 24 S. 12 E.

Chains	
4,00	Set temp. 1/4 sec. cor.
73,40	Intersect N. body of Tp. 10 lks. N. of cor. of secs. 19-24-25 and 30
	Thence Grun
	N 89° 56' E on a true line bet. secs. 19 and 30
	Descending in timber on rocky slope E.
10,60	Leave timber bears N. and S and rocky slope.
16,35	Bottom of gulch and dry wash. 250 ft. below sec. cor. course S
	Ascend
18,80	Enter timber bears N. and S.
23,30	Leave " " " " "
33,40	Set a lava stone 18 x 9 x 7 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 –
	Thence ascending gradually on rolling slope S
63,00	Enter scattering timber bears N. and S.
73,40	The cor. of secs. 19-20-29 and 30
	This cor. stands 370 ft. above bottom of gulch
	Land mountainous
	Soil rocky and gravely 3d rate
	Timber aspen of small size and some pine
	Mountainous land 73,40 chs.
	N 0° 3' W. bet. secs. 19 and 20
	Ascending in scattering timber
12,26	Top of ridge and edge of break. 100 ft. above cor. bears N. and S. 75° E.
	Begin descent on rocky slope and slide
25,00	Descend on lava bed in large boulders.
4,00	Set a lava stone 24 x 12 x 6 ins. 18 ins. in a mound of stones 2½ ft. base for 1/4 sec. cor. marked 1/4 on W. face; Pits impracticable
	No trees of proper size within limits
	Descending gradually on broken slope and huge lava boulders. on spur running N. from break
71,00	Leave timber bears E and W.
80,00	Set a lava stone 18 x 9 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, from which [illegible]

Subdivision of T 24 S. R 2 E

chains	
	marked T. 24 S. R 2 E. S. 17 B.T.
	a pointed trachyte stone 2 x 5 ft. x 7 ft. high bears N 34° 28' W. 31 lks. dist. marked T 24 S R 2 E S 18 B O
	No other bearing objects within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	This cor. stands 750 ft. below top of break in forks of creek.
	Land mountainous
	Soil rocky 3d and 4th rate
	Timber pine and aspen of large growth; in places scattering
	Mountainous land 80,00 chs.
	S 89° 56' E on a random line bet. secs. 17 and 20
40,00	Set temp. 1/4 sec. cor.
80,00	Intersect N. and S. line 9 lks. S. of cor. of secs. 16-17-20 and 21
	Thence I run
	West on a true line bet. secs. 17 and 20
	Ascending
5,10	Road from Grass Valley to Fish Lake course N 75° W.
	S 80° E and S. E.
5,95	Top of ridge 60 ft. above cor. course N. and S.
	Descend
8,85	Enter timber bears N and S.
23,50	Spring 20 lks. diam in bottom of gulch 200 ft. deep drains N 15° W.
	Begin ascent
26,37	Spring branch 3 lks. wide course N 75 ft. above spring in gulch
32,00	Top of spur running N.; 150 ft. high
	Descend to
39,75	Spring branch 3 lks. wide at foot of slope; course N.W.
	Descending gradually
40,00	Set a lava stone 18 x 11 x 5 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on N. face; from which
	An aspen tree 4 in. diam. bears S. 18° 7' E. 76 lks. dist. marked 1/4 S B.T.
	An aspen tree 10 in. diam bears S 56° 30' W. 126 lks. dist. marked 1/4 S.B.T.
42,90	Stream 4 lks. wide course N.W.
48,48	" 5 lks " " N.

Chains

54,50 Leave timber
61,00 Top of ridge 230 ft. above stream : enter rolling brush
69,60 Begin descent bearing N. and S ; enter timber course N and S
77,45 Stream 4 lks. wide course N 15° W. in gulch 150 ft. deep
Thence in bottom of gulch : leave timber
80,00 The cor. of secs. 17-18-19 and 20
Land mountainous rolling and rugged
Soil gravely wash stony 3d rate
Timber aspen and scattering pine
Mountainous based 80,00 chs.

S 89° 56' W. on a random line bet. secs. 18 and 19
40,00 Set timb. 1/4 sec. cor.
73,08 Intersect W. bdy. of Tp. at cor. of secs. 13-18-19 and 24
Thence S run
N 89° 56' E on a true line bet. secs. 18 and 19
Descending on rolling slope
17,24 Stream 3 lks. wide in bottom of gulch 200 ft. below cor. course N.
18,34 Wood road course N and S
19,95 Stream 4 lks. wide course N.W.
21,00 Enter timber and begin ascent, bearing N W and S E
27,00 Top of ridge bears N. and S. 75 ft. high
Descend
33,08 Set a large stone 18 x 10 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 1 1/2 ft. high N. of cor. -
Pits impracticable.
No trees of proper size within limits
46,57 Stream 4 lks. wide in gulch 210 ft. deep course N.
Ascend on rolling surface to
61,00 Top of ridge 160 ft. high course N and S
Descend and leave timber bearing N and S
70,60 Enter bottom of gulch and willow brush 175 ft. below top of ridge course N.
71,73 Stream 4 lks. wide course N. 20° E.
72,60 Leave willow brush bearing N. and S
73,08 The cor. of secs. 17-18-19 and 20
Land mountainous broken and rolling

Subdivision of T 24 S R 2 E

Chains	
	Timber aspen of small size mostly scattering Mountainous land 73,08 chs.
	N 0° 30' W. bet. secs. 17 and 18.
	Descending gradually, in bottom of gulch
12,08	Stream 4 lks. wide course N 30° W.
	Enter timber bears N W and S E. and ascend to
14,00	Top of slope bears N. W. and S. E. begin gradual descent on rolling surface
29,10	Leave timber bears. E. and W.
32,12	Road from Grass Valley to Fish Lake course N 80° W. and S 80° E
36,50	Edge of break to East. creek. 275 ft. below cor. bears. N 80° W and S 80° E.
	Begin descent on steep broken slope; in timber
40,00	Set a lava stone 21 x 10 x 6 ins. 16 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:-
	No trees of proper size within limits
	This cor. stands on N E slope on side of spur running N. in dense aspen brush
80,00	Set a lava stone 18 x 9 x 5 ins. 12 ins. in the ground for cor. of secs. 7-8-17 and 18 marked with 4 notches on S and 5 notches on E edges: from which
	An aspen tree 5 ins. diam. bears N 21° 30' E. 5 lks. dist. marked T 24 S R 2 E S 8 B.T.
	An aspen tree 4 ins. diam. bears N 50° 30' W. 41 lks. dist. marked T 24 S R 2 E S. 7 B.T.
	An aspen tree 4 ins. diam. bears S 43° 28' E 42 lks. dist marked T 24 S. R. 2 E. S. 17 B.T.
	No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	This cor. stands 790 ft. below top of break.
	Level mountainous slope
	Soil gravelly sand and clay 2nd rate
	Timber aspen, of small size mainly and very dense
	Mountainous land 8,00 chs.
	July 29 - 1895

Subdivision of T24SR2E

Chains	
4,00	Set temp. 1/4 sec. cor.
80,10	Intersect N. and S. line 20 lks. S of cor. of secs. 8-9-16 and 17
	Thence I run
	S 89° 57' W. on a true line bet. secs. 8 and 17
	Descending on W slope in brush and timber
20,00	Foot of break 540 ft. below cor. bears N and S; descend on rolling bottom
39,50	Lost Creek 17 lks. wide course N.W. 720 ft below cor. of secs. 8-9-16 and 17; swift current pure water
	Ascending over rolling gullied slope
40,05	A stationary sandstone 4 x 2 x 2 ft. above ground for 1/4 sec cor. marked 1/4 on W. face, from which
	An aspen tree 4 ins. diam. bears N 20° 56' E 5 lks. dist. marked 1/4 S.B.T.
	An aspen tree 7 ins. diam. bears S 80° 12' W. 6 lks. dist. marked 1/4 S.B.T.
65,08	Stream 6 lks wide in ravine 30 ft. deep course N.
80,10	The cor. of secs. 7-8-17 and 18
	This cor. stands 225 ft. above creek.
	Land mountainous, rolling and steep slope
	Soil gravely wash and clay covered with bowlders 2nd rate
	Timber, aspen of small size but dense
	Mountainous land 80,10 chs.
	S 89° 56' W on a random line bet. secs. 7 and 18
4,00	Set temp. 1/4 sec. cor.
72,92	Intersect W. bdy. of Tp. 10 lks. S. of cor of secs. 7-12-13 and 18
	Thence I run
	East on a true line bet. secs. 7 and 18
	Ascending gradually on rolling slope
14,57	Edge of break to Lost Creek bears N. and S. 125 ft. above cor.
	Begin descent on steep broken slope, in timber
[illegible]	Spring branch 5 lks wide in ravine 100 ft. below top of break, course N. 15° E
	Ascend to
2,45	Top of spur running N. 45 ft high
	Descend
32,92	Set a lava stone 24 x 9 x 6 ins. 18 ins. in a mound [illegible]

Subdivision of T 24 S R 2 E

chains	
	face: from which
	An aspen tree 6 in. diam. bears S. 56°15' W. 21 lks. dist.
	marked 1/4 S.B.T.
	An aspen tree 5 in. diam bears. N 60°30' W. 39 lks.
	dist marked 1/4 S.B.T.
47,02	Stream 3 lks. wide course N
49,90	" " " " " "
55,90	Stream 5 lks wide in ravine 30 ft. deep
	Ascend to
58,00	Top of sharp ridge 60 ft. above stream course N and S
	Descend to
63,00	Foot of slope 200 ft below top of ridge bears N and S
	Descend gradually on N slope
66,35	Stream 4 lks. wide course N. in ravine 25 ft. deep
72,92	The cor. of secs. 7-8-17 and 18
	Land mountainous
	Soil gravely wash and clay and in places swampy
	2d rate
	Timber aspen of small size and scattering pine trees
	willow and alder brush and tangle.-
	Mountainous land 72,92 chs. —
	July 30: At 9h 0m a.m. l.m.t. I set off 38°44' on the
	lat. arc. and 18°29'30" N. on the decl. arc and
	determine a true meridian with the solar at the
	cor. of secs. 7-8-17 and 18
	Thence I run
	N 0°3' W. bet. secs. 7 and 8
	Descending on broken slope in timber
33,56	Lost Creek 17 lks. wide course N. 75° W. 250 ft. below cor.
	Begin ascent on rolling slope
40,00	Set a lava stone 18 x 10 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.-
	No trees of proper size within limits
64.9.4	Stream 4 lks. wide in ravine 15 ft. deep course S.W.
80,00	Set a lava stone 21 x 9 x 6 in. 15 in. in the
	ground for cor. of secs. 5-6-7 and 8 marked with
	5 notches on S. and E. edges; raised a mound
	of stones 2 ft. base 1½ ft. high W. of cor. —

Chains	No bearing trees of proper size within limits This cor. stands 300 ft. above creek Land mountainous, rolling and broken Soil gravely ash, clay, and beds of boulders 2nd and 3d rate Timber aspen of small size mainly brake and brush Mountainous land 80,00 chs.
	N 89° 51' 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 S 89° 51' W on a true line bet. secs. 5 and 8 Descending on rolling broken slope S.W. in timber
28,00	Top of ridge running S.W. thence on W. slope
40,00	Set a lava stone 18 x 9 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face I raised a mound of stones 2 ft. base 1½ ft. high N. of cor. Pits inaccessible
56,50	Stream 4 lks. wide in ravine 400 ft. below cor of secs. 4-5-8 and 9 Begin gradual ascent on S. slope in
80,00	The cor. of secs. 5-6-7 and 8 Land mountainous broken and rolling Soil rocky and gravely 3d rate Timber, aspen, of small size, much brake and brush Mountainous land 80,00 chs. -
	West on a random line bet. secs. 6 and 7
40,00	set. temp. 1/4 sec. cor.
72,60	Intersect W. bdy of Tp. 21 lks. S. of cor. of secs. 1-6-7 and 12 Thence I run S 89° 51' E on a true line bet. secs. 6 and 7 Descending in oak brush
17,40	Enter timber and tangle at bottom of slope.
18,90	Lost creek. 400 ft. below cor., course N.; 16 lks wide deep rapid current. -
	Begin ascent in oak brush and brake
32,60	Set a lava stone 18 x 7 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face I raised a

Subdivision of T24SR2E

Chains	
	Piti impracticable
42,00	Top of spur running S.W 230 ft. above creek; thence on rolling slope S.
72,60	The cor. of secs. 5-6-7 and 8
	Land mountainous broken and rolling
	Soil rocky wash, of gravel and clay 3d rate
	Timber aspen of small size; oak and thorn brush. -
	Mountainous land 72,60 chs. -
	July 30: at this cor. I set off 18°27'30" N on the decl. arc and at 12h6m p m l m l - observe the sun on the meridian; the resulting lat. is 38°45'
	N 0°3' W. bet secs. 5 and 6
	Ascending on broken slope in brake and brush
28,00	Top of spur running S.W. 200 ft. above cor.
	Thence over rolling surface
40,00	set a trachyte stone 17×10×8 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. - Piti impracticable. -
50,15	Head of gulch course S W.;
	Ascend to
61,30	Top of ridge bears. N 80° W and S 60 E: 150 ft. high
	Begin descent on rolling slope
81,34	Intersect N. bdy of Tp. 20.78 chs. W. of cor. of secs. 31 and 32 which is a stone firmly set marked and witnessed as described by the surveyor general
	Set a trachyte stone 18×10×7 ins. 12 ins in the ground for closing cor. of secs. 5 and 6 marked C.C on S with 5 groves on E, and 1 groove on W. faces.; raised a mound of stones 2 ft. base 1½ ft. high S. of cor. -
	Piti impracticable
	Land Mountainous rolling and broken
	Soil gravely wash and bowlders. 3d rate
	Timber aspen of small size, mainly brake, scattering; oak brush scattering
	Mountainous land 81,34 chs. -
	July 30, 1895

Subdivision of T 24 S R 26

General Description

This Township is all mountainous land with the exception of a small amount of creek bottom, which is all rolling and closing, but would be adapted to cultivation did not the high altitude prevent the maturing of crops.-

The soil is mainly a gravelly waste mixed with lava bowlders of all sizes, but is very productive and an abundant growth of nutritious grasses is found nearly everywhere while the bottom lands produce a fine crop of wild hay without irrigation.-

The larger portion of the township is covered with timber of which aspen predominates; of small size and valuable only for fence or firewood but large stretches of pine and spruce timber is also found of large growth and excelent quality.-

There are no mines nor quarries within the township nor did I discover any outcrops nor other indications of mineral of any kind.- The underlying rock formation is a black lava, mainly trachyte, with the exception of the brush and bottom of Lost Creek where the great erosion has exposed the underlying tertiary clays.-

Everywhere is evidences of enormous glacial action, huge bowlders and moraine drift is scattered everywhere.-

The township is well watered by the headwaters of Fremont River or Seven Mile Creek and by Lost Creek a tributary of the Sevier River Nonge Creek and Otter Creek also head in this township; all these streams are pure clear water.-

There are bona fide settlers on this township all being but temporary residents during the summer season and owing to the high altitude and deep snow spend the winter on a lower location: but a number of entries will be made as soon as possible.- There are no improvements in the township other than the cabins and corrals as [illegible]

Subdivision of T 24 S R 2 E

I was unable to learn the location of desert entries Nos 2331 and 2332 made by Alma S Gabr and Josiah F Martin respectively upon lands in this township; the parties having abandoned the claims which have since been cancelled on the records.-
There are probably nowhere else within Utah a township with the same pasture capacity throughout the summer months; there was during the time of survey seven herds of sheep averaging 3000 head to the herd or about 21,000 heads; about 1000 head of horse cattle and several hundred head of horses all permanently located within this township.-
The cattle men and sheep owners are constantly at war, each claiming the other are destroying the country; — as a matter of fact both are trespassers on the public domain receiving great benefit without giving anything in return. - and either doing vastly more damage than all the sawmills, choppers, and timber fires combined but that the sheep is more destructive to the forests than any other animal can not be doubted.-
I have seen large stretches of young timber with every tree barked for a distance of two to three feet and the new sprouts eaten off and trampled down even with the ground, and all forest will very soon disappear unless protected from this enemy.—
The northern half of country covered by this survey, and known as the Fish Lake mountains is interesting as no other part of Utah:- it is rich in natural beauty and grand scenery in miles of primitive forests and streams of pure water abounding in game and fish.- and nowhere else on the continent can the work of the mighty forces of nature, the contortions of the earths crust the volcano, and the glaciers, be studied as here I belive nearly every state has within its borders a reserve or park, set aside; this region ought to forever be made one.-

Andrew P Hanson
U.S. Deputy Surveyor

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List of Names.

A list of the names of the individuals employed by Andrew F Hansard, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the subdivision lines of Tp. 27 S R 3 E – Tp 27 S R 2 E – Tp 26 S R 3 E – Tp 26 S R 2 E – Tp 25 S R 1 E – Tp 25 S R 2 E – Tp 25 S R 3 E – Tp 25 S R 5 E – Tp 24 S R 1 E and Tp 24 S R 2

of the Salt Lake Base and Meridian, in Utah, showing the respective capacities in which they acted:

Andrew F. Rieper	Chainman
Wm H Paine	"
Joshua Gardner	Axeman
Wm P McKeever	Flagman
G S. Forsyth	Chainman

Final Oath of Assistants:

We hereby certify that we assisted Andrew F Hansard, U. S. Deputy Surveyor, in surveying all those parts or portions of the subdivision lines of Tp 27 S R 3 E; Tp 27 S R 2 E; Tp 26 S R 3 E; Tp 26 S R 2 E; Tp 25 S R 1 E; Tp 25 S R 2 E; Tp 25 S R 3 E; Tp 25 S R 5 E; Tp 24 S R 1 E and Tp 24 S R 2 E.

of the Salt Lake Base and Meridian, Utah, as 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 U. S. Surveyor General for Utah.

Andrew F. Rieper	Chainman
Wm H Paine	"
G. S. Forsyth	"
Wm P. McKeever	Flagman
Joshua Gardner	Axeman

Subscribed and sworn to before me this 1st day of August, 1895.

SEAL

Henry W. Patterson
Notary Public

6—151

I, Andrew P. Hanson, U. S. Deputy Surveyo
solemnly swear that, in pursuance of instructions received from Geo. W. Sawa,
Surveyor General for Utah, bearing date of the 4th d
March, 1895, I have well, faithfully, and truly, in my own proper person, and in
conformity with the instructions furnished by the U. S. Surveyor General for Utah
surveying manual, and the laws of the United States, surveyed all those parts or portions of Townships 27
S R 3 E - 27 S R 2 E - 26 S R 3 E - 26 S R 2 E - 25 S R 1 E - 25 S R 2 E - 25 S R 3 E - 25 S R
24 S R 1 E and Township 24 S R 2 E
of the Salt Lake Base
and
Meridian, in the State of Utah, as are represented in the
going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear th
the corners of said survey have been established and perpetuated in strict accordance with the surveying ma
printed instructions, the special written instructions of the U. S. Surveyor General for Utah
and in the specific manner described in the field notes, and that the foregoing are the true field notes of such su
and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Co
approved August 8, 1846.

Andrew P. Hans
U. S. Deputy Surve

Subscribed and sworn to before me this 15th
day of January, 1896

SEAL

Geo. W. Sawa
U.S. Surveyor General
for Utah.

Approval.

Office of the U. S. Surveyor General,

Salt Lake City, Utah May 28d, 189

The foregoing field notes of the survey of The Subdivision lines of
Township 24 South, Ranges 2 East of the Salt
Lake Base & Meridian, Utah

execu
Andrew P. Hanson
under his Contract No. 198, dated March 4th, 1895, having been cri
examined, the necessary corrections and explanations made, the said field notes, and the surveys they descri
hereby approved.

U. S. Surveyor G

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

U. S. Surveyor Gen

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(4—679.)

BOOK A-239

J.B.

FIELD NOTES

OF THE SURVEY OF

Subdivision and Meander Lines

of

Township No. 26 South Range No. 2 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Andrew P. Hansen, U. S. Deputy Surveyor,

Under his Contract No. 198, dated March 4, 1895.

Survey commenced June 3, 1895.

Survey completed June 10, 1895.

(12503—2,000.)

Andrew F Riepen Chainman

Wm S C Trones Chainman

Joshua Gardner Axeman

Wm P McKeever Flagman

BOOK A-239

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

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Meanders Page.....

We, _____

_____

_____

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

_____

_____

_____

_____

_____, *Chainm*

_____, *Chainm*

_____, *Chainm*

_____, *Chainm*

Subscribed and sworn to before me this _____
day of _____, 18 .

_____

_____

We, _____

_____

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

_____

_____

_____

_____

Subscribed and sworn to before me this _____
day of _____, 18 .

_____, *Axem*

_____, *Axem*

_____

_____

_____

Subdivision of T. 26 S. R. 2 E.

chains

Survey commenced June 3. 1895 and executed with a W. & L. E. Gurley light mountain transit no. 7 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 March 16. 1895. -

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:

At the cor. to Tps. 26 and 27 S. Rs. 2 and 3 E. latitude 38°30' N longitude 111°41' W.: I set off 38°30' N on the lat. arc; and 22°24' on the decl. arc and at 5h p.m. t.m.t. determine with the solar a true meridian and mark a point thereof on a stone firmly set in the ground 5.12 chs. N of the cor.

At 8h 32m p.m. t.m.t. I observe Polaris at upper culmination in accordance with Manual of Instructions and mark a point in the true meridian then determined on the stone set 5.12 chs. N. of the cor. -

June 3. 1895

June 4. At 7h 30m t.m.t. I set off 38°30' on the lat. arc. and 22°28' N. on the decl. arc and mark a point in the true meridian determined by the solar on the stone already set 5.12 chs. N. of my station; and by measurement I find that the solar apparatus by p.m. and a.m. observations defines position for true meridians respectively 0.4 in. west and east of the meridian established by observation on Polaris, therefor I reexamine the adjustments of the instrument and find the polar axis slightly in error, and carefully adjusting the same I again determine a true meridian with the solar and find the same to [illegible]

Subdivision of T. 26 S. R. 2 E.

	chains	and therefor conclude that the adjustments of the instruments are correct. — The magnetic bearing of the true meridian at 8 A.M. is N. 16° 3' W.; the angle thus determined reduced by the table, pag 100 Manual of Instructions gives the mean mag. decl. 15° 57' E.
		From the Tp. cor. already described I run North on the Fremont Valley Guide Meridian and E. bdy. of sec. 36; and at 39.94 chs. intersect the 1/4 sec cor.; and at 79.92 chs intersect the cor. to 25-30-31 and 36 therefor the line bears North. — From the Tp. cor. I run S. 89° 59' W. on S. bdy of sec. 36; at 39.88 chs. the 1/4 sec. cor bears S. 8 lks.; and at 79.92 chs. the cor. to secs. 1-2-35 and 36 bears N. 2 lks.; consequently the S. bdy of sec. 36 bears S 89° 59' W. Therefor the bearings are as stated by the surveyor general and my chaining practically agrees with the field notes of the original survey.
		I commence at the cor. to secs. 1-2-35 and 36 on the S. bdy of the Tp. which is a stone firmly set marked and witnessed as described by the surveyor general Thence I run N 0° 1' W. bet. secs. 35 and 36 ascending gradually over rolling surface on S.E. slope
97.75		Top of ascent, and ridge 145 ft. above cor. course E and W
		Begin descent on rolling slope
40.00		Set a stone stone 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 no natural bearing trees within limit
63.00		Edge of ravine; thence descending steep rocky slope
65.75		Bottom of narrow ravine 35 ft. deep course N.E.; thence ascending
73.00		Top of ridge sloping E. to ravines, 150 ft. above bottom of ravine course N.W.
		Begin descent on broken slope
8.00		Set a trachyte stone 20 x 11 x 5 ins. 15 ins. in the ground for cor. to secs. 25-26-35 and 36 marked with 1 notch on S. and E. edges from which A cedar tree 5 ins. diam. bears N. 6° 30' W. 9.9 lks.

chains	
	dist. marked T26SR2ES26BT
	No other trees within limits; raised a mound of
	stones 2 ft. base 1½ ft. high W. of cor.
	Land Mountainous broken and rolling
	Soil gravely and rocky 2d rate
	Timber a few scrubby pinion and cedar scattering
	Mountainous land 80,00 chs. —
	N 89° 59' E on a random line bet. secs. 25 and 36
40,00	Set temp. ¼ sec. cor.
79,94	Intersect E bdy. of Tp. 12 lks. N. of cor. to secs. 25-30-31 and 36 which is a stone firmly set marked and witnessed as described by the Surveyor general.
	Thence I run
	N 89° 56' W. on a true line bet. secs. 25 and 36
	On N. slope descending gradually
14,96	Bottom of gulch 60 ft. deep, course N 70° E; thence
	Ascending on broken slope
23,00	Descend to gulch
28,10	Bottom of gulch 50 ft. deep course S E.; Thence ascending on S.E. Slope
39,97	Set a lava stone 18 x 14 x 6 ins. 12 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 —
	No natural bearing objects within limits
49,95	Top slope and point of ridge from the N.W. sloping S to gulch: thence descending gradually on broken slope to
73,00	Bottom of gulch 75 ft. deep course S.E.:
	Thence on N E slope ascending
79,94	The cor. to secs. 25-26-35 and 36
	Land Mountainous rolling and broken
	Soil gravely and rocky 2d rate
	No timber
	Mountainous land 79.94 chs.
	June 4. at this cor. I set off 22° 29' N. on the decl. arc and at 11h 58m a.m. I.m.t. observe the sun on the meridian: the resulting lat. is 38° 31'
	N 0° 1' W. bet. secs. 25 and 26
	Descending on N E slope

chains

5,90 Bottom of gulch 60 ft. below cor. course S.E.; thence ascending on broken slope

16,80 Top of gulch; thence on gradual ascent

23,90 Top of ridge 210 ft. above bottom of gulch bears N.W and S
Begin descent to

30,00 Bottom of gulch 70 ft. deep course S. 65° E.; thence Ascending on broken slope

36,00 Top of gulch bears S 65° E.; thence ascending gradually

40,00 Set a lava stone 18 x 10 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; from which
A mountain mahogany tree 6 ins. diam. bears N. 46° E. 17 lks. dist. marked 1/4 S.B.T.
A mountain mahogany tree 5 ins. diam. bears S 56° 15' 36 lks. dist marked 1/4 S B.T.; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.

52,50 Enter timber

61,50 Leave "

73,00 Ascending on rocky slope

80,00 Set a lava 17 x 9 x 6 ins. 12 ins. in the ground for cor. to 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.
No natural bearing objects within limits.
This cor. stands on rocky slope S.W. 420 ft. above cor to secs. 25-26-35 and 36
Land mountainous
Soil gravely and rocky 2d and 3d rate
Timber scrubby pinion and mountain mahogany scattering
Mountainous land 80,00 Chs. —

S 89° 56' E on a random line bet. secs. 24 and 25

40,00 Set temp. 1/4 sec. cor.

80,02 Intersect E bdy. of Tp. 10 lks S. of cor. to secs. 19-24-25 and 30 which is a stone firmly set marked and witnessed as described by the Surveyor general
Thence Orun
West on a true line bet. secs. 24 and 25
Descending

9,30 Hollow draining S; thence ascending on rocky slope

25,00 Top of ridge 200 ft. high bears d S 25°

Subdivision of T 26 S R 2 E

Chains. Descending gradually on rocky slope S.W.

40,01 Set a lava stone 20 x 11 x 6 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which a pinion tree 16 ins. diam. bears S 18° E. 74 lks. dist. marked 1/4 S. B.T. A mountain mahogany tree 6 ins diam. bears N 61° E. 72 lks. dist. marked 1/4 S.B.T. raised a mound of stones 2 ft. base 1½ ft. high N of cor.

45,23 Wood road from Rabbit Valley course N. and S. in bottom of gulch 120 ft. below 1/4 sec. cor. thence ascending

50,00 Point of ridge from N.W. slopes S to gulch descending on S.W. slope; broken and rocky

60,50 Bottom of gulch 200 ft. deep course S.E. Ascending on rocky slope to

75,10 Top of rocky ridge course N. and S; sloping S descend to

80,02 The cor. to secs. 23-24-25 and 26 land mountainous and gravelly and rocky 3rd rate Timber a few scrubby pinion scattering Mountainous land 80.02 chs. —

N 0° 1' W. bet. secs. 23 and 24 Ascending on rocky slope

13,00 Top of ridge 200 ft. above cor. bears nearly E and W descending gradually

27,75 Wood road to Rabbit Valley course E and W in head of gulch draining E: thence ascending

40,00 Set a lava stone 18 x 12 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 ft. base 1½ ft. high W. of cor. Pits impracticable. — This cor. stands S slope 75 ft. above road

43,30 Enter aspen and pine timber

72,00 Top of ridge 400 ft. above 1/4 sec. cor. course S 60° E and S 65° W.: thence descending on steep rocky slope

73,70 Bottom of slope enter gulch course E 260 ft. below top of ridge. —

80,00 Set a lava stone 24 x 10 x 6 ins. 18 ins. in mound of stone 2 ft. base 1½ ft. high on top of flat rocky surface for cor. to secs. 13-14-23 and 24 mark

chains	An aspen tree 5 ins. diam. bears N 25° 30' E 17 dist. marked T 26 S. R. 2 E. S. 13 B.T.
	An aspen tree 4 ins. diam. bears S 57° 50' E 30 lks. dist. marked T 26 S R 2 E S 24 B.T.
	An aspen tree 4 ins. diam. bears S 30° 55' W. 22 lks. dist. marked T 26 S R 2 E S 23 B.T.
	An aspen tree 4 ins. diam. bears N 51° 05' W. 51 lks. dist. marked T 26 S R 2 E S 14 B.T.
	This cor. stands in the bottom of a narrow gulch. E and W.
	Land Mountainous
	Soil gravely and rocky 2d and 3d rate
	Timber aspen of small size, and pine of fair size scattering. -
	Mountainous land 80,00 chs. —
	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. 16 lks. N. of cor. to secs. 13-18-19 and 24 which is a stone firmly set marked and witnessed as described by the surveyor G
	Thence I run
	N 89° 53' W on a true line bet. secs. 13 and 24
	Ascending on rolling broken slope in timber
24,00	Top of ridge course N.W and S.E; 200 ft. above cor.
27,00	Leave timber and descend
37,40	Bottom of hollow draining S 25° E: thence gradually on S.E. slope
40,00	Set a lava stone 18 x 9 x 7 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. - no natural bearing objects limits. —
44,60	Top of ridge from N. sloping S to gulch: thence descending gradually
53,00	Edge of canon bears S 70° E and N 80° W: thence on steep rocky slope: in timber
62,00	Foot of slope: enter bottom of canon, turns S 70° E. 160 ft. thence in bottom of canon ascending gradually
— 80,00	The cor. to secs. 13-14-23 and 24
	Land Mountainous
	Soil gravely and rocky 3d rate

Subdivision of T 26 S R 2 E

Chains. Timber aspen of small size, and pine of fair size
scattering
Mountainous land. 80.00 chs. -
June 4, 1895

N 0°.1' W. bet. secs. 13 and 14
In timber
1.10 ascend and leave bottom of gulch
7.00 Top of gulch bears E and W; thence ascending gradually on
broken slope in large boulders
39.00 Enter. top of rocky ridge +60 ft. above sec. cor. bears. E and W.
40.00 Set a lava stone 26 x 10 x 5 ins. in mound of stones 2 ft.
base 1½ ft. high on flat top of boulder 4 x 5 x 5 ft. above
ground for 1/4 sec. cor. marked 1/4 on N. face;
from which
An aspen tree 6 ins. diam. bears S 19°15' W. 18 lks. dist.
marked 1/4 S 13 T
An aspen tree 4 ins. diam. bears N 10°10' E. 11 lks.
dist. marked 1/4 S. 13. T.
This cor. stands on top of ridge running E and W:
Descending gradually on broken rolling surface
62.10 Leave timber
64.00 Bottom of gulch 200 ft. deep course N 60 E; thence ascend
65.40 Enter timber
80.00 Set a lava stone 18 x 8 x 6 ins. 12 ins. in the ground for
cor. to secs. 11-12-13 and 14 marked with 4 notches
on S. and 1 notch on E. edges from which
A pine tree 36 ins. diam. bears N. 35°55' E 132 lks.
dist. marked T. 26 S. R. 2 E. S. 12 B.T.
No other trees within limits; raised a mound
of stones 2 ft. base 1½ ft. high W. of cor.
This cor. stands on S.E. slope 65 ft. above bottom of
gulch. -
Land Mountainous
Soil gravely and rocky 3d rate -
Timber aspen of small size and pine of fair size
Mountainous land 80.00 chs. -

S 89°53' E on a random line bet. secs. 12 and 13
40.00 Set limp 1/4 sec. cor.
80.25 Intersect E. bdy. of T 26 S. R. 2 E. N. of cor. to secs. 7-12-13
a stone - set and

Subdivision of T 26 S R 2 E

Chains	witnessed as described by the surveyor general
	Thence S and
	N 89° 55' W on a true line bet. secs. 12 and 13
	descending gradually in S. slope in timber
17,50	Ravine drain S. 35 ft. deep : thence ascending on
	rocky slope
25,00	Top of ridge 150 ft. above corner. bears N and S. ; slopes
	S to gulch. —
	Descending, and leave timber
40,13	Set a large stone 18 x 11 x 6 in. 12 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 —
	This cor. stands on slope S. to gulch 100 ft. above same
	Thence on broken rolling slope facing S.
56,00	Descend ridge and enter timber
74,30	Bottom of gulch 115 ft. deep course S. E. ; thence ascending
80,26	The cor. W. secs. 11-12-13 and 14
	Land Mountainous
	Soil rocky and gravelly 3rd rate —
	Timber aspen of small size, pinion and pine scattering
	Mountainous land 80,26 chs. —
	N 0° 1' W. bet. secs. 11 and 12
	Ascending on S E slope in timber
2,45	Top of ridge sloping E to gulch ; thence descending
7,50	Bottom of ravine 40 ft. deep course S. E. ; thence ascending
	on rocky broken slope
38,00	Top of ridge 120 ft above corner. bears N. 60° W. and
	S. 60 E. ; thence descending gradually in large boulders.
40,00	Set a large stone 20 x 10 x 6 in. 15 in. in the ground
	for 1/4 sec. cor. marked 1/4 on W. face, from which
	A pine tree 5 in. diam. bears S. 91° 30' E. 91 lks. dist.
	marked 1/4 S. B. T.
	A pine 6 in. diam. bears N. 80° 5' E 25 lks. dist.
	marked 1/4 S. B. T. ; raised a mound of stones 2 ft.
	base 1½ ft. high W. of cor. ; this cor. stands 30 ft. below top of ridge
54,20	Leave timber ; enter bottom of draw course E
57,10	Leave bottom of draw ; enter timber and ascend
69,50	Top of ridge 200 ft. above draw ; bears N. E and S. W.
	Descending on rocky slope N. W.
80,00	Set a large stone 20 x 8 x 5 in. 15 in. in the ground

Subdivision of T 26 S R 2 E

chains. for cor. to secs. 1-2-11 and 12 marked with 5 notches on S. and 1 notch on E. edges; from which
A pine tree 18 ins. diam. bears N 64° 30' E 5.3 lks. dist. marked T 26 S R 2 E S 1 / 13 T.
A pine tree 6 ins. diam. bears S 71° 15' E 9.1 lks. dist. marked T 26 S R 2 E S 12 / 13 T.
A pine tree 18 ins. diam. bears N. 67° 10' W. 19 lks. dist. marked T. 26 S. R 2 E S 2 / 13 T.
A pine tree 5 ins. diam. bears S 44° W 4.2 lks. dist. marked T 26 S R 2 E S 11 / 13 T. ; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
This cor. stands on steep rocky N. W. slope 300 ft below top of ridge -
Land mountainous
Soil rocky and gravely 2d and 3d rate -
Timber pine and aspen of fair quality
Mountainous land 80,00 chs. -

S. 89° 50' E on a random line bet. secs. 1 and 12
40,00 Set temp. 1/4 sec. cor.
80,42 Intersect E. bdy. of Tp. 12 lks. N. of cor. to secs. 1-6-7 and 12. which is a stone firmly set marked and witnessed as described by the Surveyor General. -
Thence on a new
N 89° 45' W. on a true line bet. secs. 1 and 12
Ascending, in timber
33,00 Top of ridge 325 ft. above cor. course N. W and S. E
Begin gradual descent on broken slope; leaving timber
40,21 Set a lava stone 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
57,00 Enter timber; thence on S. slope descending gradually
59,20 Begin ascent on E. slope
75,30 Top of sharp rocky ridge, of volcanic rock 500 ft. above surrounding surface course N. E. and S. W.; this is the eastern of old crater
Begin descent in slide rock on steep slope
80,42 The cor. to secs 1-2-11 and 12
This cor. stands 200 ft. below top of ridge. -
Land mountainous broken and rolling
Soil gravely and rocky 3d and 4th rate

division of T 26 S R 2 E

Chains Mountainous land 80,42 chs.
June 5. At this cor. I set off 22°36' N. on the decl. arc. and at 11h 58m a.m. 2 m 2 observe the on the meridian: the resulting lat. is 38° 35'

N 0°1' W. bet. secs. 1 and 2
Descending, rocky, N.W. slope; in timber
17,20 Leave timber: at foot of slope; thence along bottom of in slide rock. 300 ft. below sec. cor.
21,00 Leave slide rock and ascend on S.W. slope
30,25 Top of ridge 100 ft. high course E. and W.
Begin gradual descent: in dense undergrowth
33,50 Enter level, flat. basin
40,00 Set a lava stone 20 x 11 x 5 ins. 15 ins. in the g 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.
No natural bearing objects could be obtained within limi
51,90 Horse trail to Johnson flat course N.E. and S.W.
56,50 Leave flat: enter timber and ascend on S E slope
78,16 Intersect 5th Standard Parallel South which is the N. bdy of this Tp. 68 lks. E. of St. cor. to secs. 35 and 36 which is a stone firmly set marked and witnessed as des by the surveyor general.
Set a lava stone 24 x 10 x 6 ins. 18 ins. in the grou for closing cor. to secs. 1 and 2 marked C.C. on S. with 1 grove on E and 5 groves on W. faces. from which A pine tree 7 ins. diam. bears S 58°45' W. 74 lks. dist. marked T 26 S R 2 E S 2 B.T.
A pine tree 8 ins. diam. bears S. 35°30' E. 29 lks. dist. marked T 26 S R 2 E S. 1 B.T.: raised a mound of stones 2 ft. base 1½ ft. high S. of cor.
This cor. stands on rocky, S.E. slope 50 ft. below top of ridge and 300 ft. above bottom of basin
Land mountainous.
Soil rocky; and gravely in basin 2d and 3d rate.
Timber pine and aspen of good size and quallity.
Dense undergrowth of sage and thorn in bottom of basin
Mountainous land and dense undergrowth 78,16 chs.

At the cor. to secs. 2-3-34 and 35 on S. bdy. of Tp. which is a firmly mark

Chains	
	described by the surveyor general. I set off 38° 30' on the lat. arcs and 22° 37½' N. on the decl. arc; and at 4 P.M. 2 m. 2 s. June 6: determine a true meridian with the solar; thence I run
	N 0° 1' W. bet. secs. 34 and 35
	Ascending on S. slope
12,00	Top of ridge 95 ft. above cor. course E and W.; thence over rolling surface descending gradually
30,05	Bottom of gulch 60 ft. deep course E.
	Begin ascent on broken S. slope
40,00	Set a lava stone 18 x 12 x 5 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
	No natural bearing objects could be obtained within limits
73,00	Top of slope; entire rocky plateau sloping E.
80,00	Set a lava stone 18 x 9 x 6 ins. 12 ins. in the ground for cor. to 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. -
	This cor. stands 400 ft. above sec. cor. on S. bdy. of Tp.
	Land mountainous rolling and broken
	Soil gravely and rocky 2d rate
	No timber. -
	Mountainous land 80,00 chs. -

	N 89° 59' E on a random line bet. secs. 26 and 35
40,00	Set temp 1/4 sec. cor.
80,20	Intersect N. and S. line at cor. to secs. 25-26-35 and 36
	Thence I run
	S 89° 59' W. on a true line bet. secs. 26 and 35
	Ascending
7,00	Top of ridge bears N.W and S.E.; thence descending
14,10	Bottom of gulch 80 ft. deep course S. E.
	Ascending gradually on broken slope
40,10	Set a trachyte stone 18 x 12 x 7 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.
200	on E.

Subdivision of T. 26 S. R. 2 E.

chains

75,80 Leave timber; and ascend on rocky broken slope

80,20 The cor. to secs. 26-27-34 and 35

This cor stands 320 ft. above cor to secs. 25-26-35 and 36

Land mountainous

Soil gravely and rocky 2d and 3d rate

Timber aspen brake of small size, and pinion; and pine scattering

Mountainous land 80,20 chs.—

June 5, 1895

June 6: At 7h 35m a.m. I.m.t. I set off. 38° 31' on the lat. arc. and 22° 41' N. on the decl. arc. and determine a true meridian with the solar at the cor. to secs. 26-27-34 and 35.. thence I run

N 0° 1' W. bet. secs. 26 and 27

Ascending on rocky slope

6,00 Top of ridge from W. sloping E. and N. 75 ft. above cor.

Enter timber; and descend on rocky slope

13,50 Bottom of gulch 115 ft. below top of ridge course E

Begin ascent

18,90 Top of ridge 60 ft. high bears E. and W.

Descending on rocky slope

30,00 Bottom of gulch 135 ft. deep course E.; thence ascending

37,50 Top of ridge 150 ft. high bears E and W

Begin descent

40,00 Set a lava stone 18 x 9 x 8 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face, from which

An aspen tree 8 in. diam. bears N 1° 15' W. 41 lks dist. marked 1/4 S. B.T.

An aspen tree 7 in. diam bears N 13° 30' E 42 lks. dist. marked 1/4 S B.T.

42,15 Bottom of ravine 35 ft. deep course E

Begin ascent

46,00 Top of ridge slope E to gulch; thence descending

50,50 Bottom of gulch 190 ft. deep course S. 65° E; thence ascending on rocky slope; leaving timber

80,00 Set a lava stone 24 x 13 x 7 in. 18 in. in the ground for cor. to secs. 22-23-26 and 27 marked with 2 not

Subdivision of T 26 S R 2 E

Chains	
	S. stones 2 ft. base 1½ ft. high W. of cor. –
	Pits impracticable.
	No natural bearing object could be obtained within limits
	This cor. stands on S. slope and 460 ft. above cor. to secs.
	26-27-34 and 35 –
	Land mountainous
	Soil gravely and rocky 3d rate
	Timber pinion mountain mahogany and aspen. scattering
	Mountainous land 80,00 chs. –
	N 89° 39' E on a random line bet. secs. 23 and 26
40,00	set ¼ sec. cor.
80,26	Intersect N. and S. line 19 lks N of cor. to secs. 23-24-25 and 26.
	Thence 9 rods
	N 89° 53' W on a true line bet. secs. 23 and 26
	On rocky surface sloping S.
2,50	Hollow drains S; thence ascending
9,00	Rocky ridge 5 ft. high slopes S to gulch; thence descending gradually on S W slope
40,13	Set a lava stone 24 x 11 x 7 ins. 18 ins. in mound of stones 2 ft. base 1½ ft. high; on rocky surface for ¼ sec. cor. marked ¼ on N. face. – Pits impracticable
	no natural bearing object could be obtained within limits. –
	This cor. stands on slope facing S W. 200 ft. below cor. to secs. 23-24-25 and 26
43,50	Bottom of gulch 45 ft. below ¼ sec. cor. course S. E.
	Begin ascent on broken slope
68,58	Top of ridge 430 ft. above gulch course S. E. and N W
	Thence on slope facing S. descending gradually
80,26	The cor. to secs. 22-23-26 and 27
	Land mountainous
	Soil gravely and stony 3d rate
	No timber
	Mountainous land 80,26 chs. –
	N 0° 1' W. bet. secs. 22 and 23
	Ascending
5,00	Top of ridge 110 ft. above sec. cor. course N W and S E
	Begin descent on rocky N. E. slope

Subdivision of T. 26 S. R. 2 E.

chains	
17,00	Leave aspen brake
38,30	Bottom of gulch 430 ft. below top of ridge course S.E.
38,80	Enter aspen brake; and begin ascent
40,00	Set a lava stone 18 x 11 x 5 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
	No trees 4 ins. diam. within limits
41,00	Leave brake and ascend on steep rocky slope
63,00	Enter aspen brake and scattering timber
63,55	Top of ridge 500 ft. above 1/4 sec. cor. course S 60° E and N 65° W.; thence descending in timber
73,00	Leave timber
78,12	Wood road course nearly E and W; in head of gulch draining E
	Ascending on S.E. slope
80,00	Set a trachyte stone 18 x 10 x 7 ins. 12 ins. in the ground for cor. to 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
	This cor. stands 30 ft. above the wood road and about 100 ft. above cor. to secs. 22-23-26 and 27
	Land mountainous
	Soil gravelly and rocky 3d rate
	Timber aspen brake of small size but dense; and pine of fair size scattering. -
	Mountainous land 80,00 chs. -
	S 89° 53' E on a random line bet. secs. 14 and 23
40,00	Set temp. 1/4 sec. cor.
80,15	Intersect N. and S. line 16 lks. S of cor. to secs. 13-14-23 and 24
	Thence Drum
	West on a true line bet. secs. 14 and 23
	Ascending in bottom of gulch in timber
4,20	Leave bottom of gulch and timber; and ascend on S. slope in aspen brake
38,90	Top of rocky ridge sloping S. to gulch; 230 ft. above sec. cor.
	Leave brake and descend
40,07.5	Set a lava stone 18 x 10 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
	This cor. stands on slope [illegible]

Subdivision of T. 26 S. R. 2 E.

Chains	
	bears S. 9,00 chs.
57,45	Wood road running N.W. and S.E. in bottom of gulch draining E; thence in bottom of gulch
58,75	Fence bears. N.W. and S.E.; Enter Sam? Morrell's pasture
63,37	Spring branch 3 lks. wide flows S E from spring 3,00 chs dist.
65,00	Sam? Morrell's cabin bears. N 28° E 4.12 chs. dist.
69,36	Fence; leave pasture, and bottom of gulch; thence ascending
75,05	Wood road in bottom of gulch 20 ft. deep course S 65° W. and N 65° E.
80,15	The cor. to secs. 14-15-22 and 23
	This cor. stands 160 ft. above the spring in bottom of gulch and 300 ft. above cor. to secs. 13-14-23 and 24
	Land mountainous
	Soil gravely and rocky 2d rate; in pasture gravely loam 1st rate
	Timber aspen and scattering pine and dense aspen brake in patches. —
	Mountainous and heavily timbered land 80,15 chs. —
	June 6: at this cor. I set off 22° 42' W on the decl. arc and at 11h 58m a.m. l.m.t. observe the sun on the meridian; the resulting lat. is 38° 33'. —
	N 0° 1' W bet. secs. 14 and 15
	Ascending on steep slope S. E.
17,50	About 300 ft above sec. cor.; ascent becomes gradual and rolling
28,00	Enter timber course E. and W.
33,00	Top of ascent and ridge 430 ft. above sec. cor.; course E and W. thence ascending
40,00	Set a lava stone 17×9×6 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face; from which
	An aspen tree 5 in. diam. bears. N 78° 58' E 20 lks. dist. marked 1/4 S. B. T.
	An aspen tree 5 in. diam. bears. S 61° 30' W. 5 lks. dist. marked 1/4 S B. T.; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	This cor. stands 60 ft. below top of ridge on N. slope. in heavy timber
57,75	Leave timber, at foot of slope 200 ft. below 1/4 sec. cor.
60,52	Wood road bears E and W. in head of gulch draining E
60,90	Enter timber and ascend gradually
65,00	Top of spur 70 ft. high sloping W. from high ridge;
	[illegible]

Chains

65,00 Bottom of slope, bears N E and S.W.

76,50 Ascend on rocky slope

78.50 Top of ridge 100 ft. high, composed of black lava, course W. and N 70° E.; thence descending on rocky slope

8,000 Set a lava stone 24 x 12 x 5 ins. 18 ins. in the ground for cor. to secs. 10-11-14 and 15, marked with 4 notches S. and 2 notches on E. edges; from which a pine tree 6 ins. diam. bears S 23° 52' E 27 lks. dist. marked T 26 S R 2 E. S. 14 B.T.

A pine tree 6 ins. diam. bears S 69° 8' W. 39 lks. dist. marked T 26 S R 2 E S. 15 B.T.

A pine tree 7 ins. diam. bears N 31° 55' W 35 lks. dist. marked T 26 S R 2 E S 10 B T

A pine tree 6 ins. diam. bears N 15° 20' E 14 lks. dist. marked T 26 S R 2 E S 11 B.T.

This cor. stands on N. slope 60 ft. below top of ridge.

Land mountainous

Soil gravely and rocky 3d rate

Timber Aspen and pine of good size and quality

Mountainous and heavily timbered land 80,00 chs. -

East on a random line bet. secs. 11 and 14

40,00 Set temp. 1/4 sec. cor.

80,00 Intersect N and S line 10 lks. S of cor. to secs. 11-12-13 and 14

Thence S 89° 56' W. on a true line bet. secs. 11 and 14 ascending on S.E slope; in timber

40,00 Set a lava stone 18 x 11 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; from which an aspen tree 5 ins. diam. bears S 12° 30' W. 63 lks dist. marked 1/4 S. B.T.

An aspen tree 4 ins. diam bears N 64° 30' E. 38 lks. dist. marked 1/4 S. B.T.

Ascending gradually on rocky broken S slope

71,60 Top of ridge 460 ft. above sec. cor. course N E and S 75° W. Descending on rocky slope

8,000 The cor. to secs. 10-11-14 and 15

Land mountainous

Soil gravely and rocky 3d rate

Subdivision of T. 26 S. R. 2 E.

Chains	Mountainous and heavily timbered land 80.46 chs
	N. 0° 1' W. on a random line bet. secs. 10 and 11
4,00	Set temp. 1/4 sec. cor.
80,46	The cor. to secs. 2-3-10 and 11 bears W. 31 lks. dist.
	the same being a stone pointed set marked and
	witnessed as described by the surveyor general
	Thence S. run
	S. 0° 14' E. on a true line bet. secs. 10 and 11
	Ascending on N. slope in slide rock, and timber
11,20	Top of ridge of black lava 190 ft. above cor. course N.E.
	and S.W; this is the western rim of old crater and extends
	for several miles along the eastern side of Fish Lake
16,00	Descending on rocky S.E. slope
37,70	Leave timber
40,46	Set a lava stone 18 x 10 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 inaccessible. —
47,96	Foot of slope; enter margin of extinct crater lake of circular
	form, about 15,00 chs diam. lying E. of this line, 380 ft. below top of ridge
	thence in loose black sand (volcanic ashes) near water edge
54,90	Leave lake margin and ascend on rocky slope N.W.
63,75	Top of black lava cone 30 ft. high extending E. and W. 4,00 chs
73,90	Enter timber
80,46	The cor. to secs. 10-11-14 and 15
	This cor. stands 200 ft. above lake margin on N. slope
	Land mountainous
	Soil rocky and gravelly 3rd rate
	Timber pine and aspen of good size and quality
	Mountainous land 80,46 chs. —
	June 6, 1895

	From cor. to secs 2-3-10 and 11 as hereinbefore described
	Thence
	N. 89° 56' E. on a random line bet. secs. 2 and 11
4,00	Set temp. 1/4 sec. cor.
80,20	Intersect N. and S. line 10 chs. N. of cor. to secs. 2-11
	and 12.
	Thence S. run
	West on a true line bet. secs. 2 and 11
	[illegible]

chains

17,30 Leave timber at foot of steep descent; thence descen gradually

25,50 Bottom of slope 290 ft. below sec. cor. 1 enter bottom of extinct crater, lake, of circular form about 17,00 chs. diam. and about 5 to 6 acres. covered with water. N. of this line; — Thence in loose black sand or volcanic ashes. —

40,10 Set a lava stone 20×9×6 ins. 15 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. —
No natural bearing objects could be obtained for this cor. within limits. —

41,85 Leave bottom of lake, and ascend gradually

48,00 Ascend on rocky slope

55,00 Enter timber

72,75 Top of ridge 400 ft. above lake bottom course N.E. and S.W. Descending on rocky, slope

— 80,20 The cor. to secs. 2-3-10 and 11
This cor. stands 200 ft. below top of ridge on W. slope
Land mountainous
Soil rocky and gravely 3d rate
Timber pine of good size and quallity
Mountainous land 80,20 chs. —

See correction of this Tp. P.1 note 1

June 7: At 9h 30 m. a.m., l.m.t. I set off 38°30' on the lat. arc. and 22°47'30" N. on the decl. arc. and determine a true meridian with the solar at the cor. to secs 3-4-33 and 34 on S. bdy. of Tp. which is a stone pin set marked and witnessed as described by the surveyor general. — Thence I run
N 0° 2' W bet. secs. 33 and 34
Ascending gradually on broken slope facing S and W.

25,00 Top of slope, and ridge 170 ft. above cor. course S 80° E N 80° W; thence descending gradually on rolling

27,50 Enter timber bears. E. and W.

33,00 Leave " " " "

41,00 Set a trachyte stone 18×11×6 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. —
This cor. stands on N. slope 110 ft. below the grid

Subdivision of T 26 S R 22 E

Chains

30,43 Bottom of gulch 200 ft. below ¼ sec. cor. course S 60° E

Begin ascent

64,75 Enter timber, bears N. W. and S E

70,10 Leave " " " W " " "

80,00 Set a lava stone 22 x 14 x 6 in. 16 in. in the ground for cor. to secs. 27-28-33 and 34 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 on S. slope 300 ft above bottom of gulch

Land mountainous, broken and rolling

Soil gravely and rocky 2d rate

Timber pinion and cedar scattering

Mountainous land 80,00 chs. —

N. 89° 59' E. on a random line bet. secs. 27 and 34

40,00 Set limb ¼ sec cor.

80,16 Intersect N. and S. line at cor. to secs. 26-27-34 and 35

Thence I run

S 89° 59' W on a true line bet. secs. 27 and 34

On broken plateau, ascending gradually, in boulders.

24,50 Descend into S.W. slope

40,08 Set a trachyte stone 18 x 10 x 8 in. 12 in. in the ground for ¼ 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 in bottom of gulch course S. 20° E 270 ft. cor. to secs. 26-27-34 and 35 —

Ascending

47,00 Top of ridge 140 ft. above ¼ sec. cor. course N. 30° W and S 30° E / slope S. to gulch / thence descending on S.W.

63,90 Bottom of gulch 225 ft. deep course S. E.

Begin ascent on N. E. slope

76,10 Top of ridge 260 ft. above bottom of last gulch, bears NW and S E

Descending on S. slope

80,16 The cor. to secs. 27-28-33 and 34

Land mountainous, rolling and broken. —

Soil gravely and rocky 2d rate

No timber

Mountainous land 80,16 chs. —

Subdivision of T 26 S R 2 E

Chains	
	are, and at 11h 59m A.m., 7 m.t. observe the sun on the meridian; the resulting lat. is 38° 31'
	S. 89° 59' W. on a random line bet. secs. 28 and 33
4,00	Set temp. 1/4 sec. cor.
80,32	Intersect N. and S. line 23 lks. N. of cor. to secs. 28-29-32 and 33 which is a stone firmly set marked and witnessed as described by the surveyor general
	Thence I run
	N. 89° 49' E. on a true line bet. secs. 28 and 33
	Descending on broken rolling slope facing E; in timber
35,30	Leave timber bears N. and S. and enter aspen brake
40,16	Set a lava stone 18 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 stones 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable
	Descending gradually
41,34	Wood road course N.W. and S.E.
41,55	Bottom of gulch 370 ft. below cor. to secs. 28-29-32 and 33
	Course S.E.; thence ascending - Leave brake
52,20	Top of ridge 160 ft. above bottom of gulch bears N.W. and S.E.; slopes S.E. to gulch; thence descending
64,00	Bottom of gulch 65 ft. deep course S 30° E.
	Begin ascent on S. slope
80,32	The cor. to secs. 27-28-33 and 34
	This cor. stands on about same elevation as sec. cor. 1 mile W.
	Land mountainous
	Soil gravely and rocky 3d rate
	Timber pine and aspen of fair size and quallity, and aspen brake of small size in bottom of gulch
	Mountainous land 80,32 chs.
	N 0° 2' W bet. secs. 27 and 28
	Ascending
3,00	Top of ridge 50 ft. above cor. bears N.W. and S.E.
	Begin descent
10,55	Bottom of ravine 70 ft. deep drains S 70° E
	Ascending
20,15	Top of ridge 175 ft. above sec. cor.; bears W. and slopes E. to gulch; thence descending on N.E. slope
21,00	Enter aspen brake
25,20	Leave " "

Subdivision of T 26 S R 2 E

Chains

31,90 Bottom of gulch 165 ft. deep, course S.E.
Begin ascent on S.W. slope
40,00 Set a trachyte stone 22 x 9 x 6 ins. 16 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. —
This cor stands on S. slope 115 ft. above bottom of gulch
48,00 Top of ridge 90 ft. above 1/4 sec. cor. bears S.E. and N 30°
Thence ascending gradually on east side of ridge sloping to head of gulch
60,80 on top of rocky spur sloping E. from ridge; thence descen
67,75 Bottom of gulch 140 ft. deep course S 60° E. —
Begin ascent on S.E. slope
80,00 Set a trachyte stone 18 x 11 x 8 ins. 12 ins. in the ground for cor. to secs. 21-22-27 and 28 marked with 2 not 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 on E. slope 140 ft. above bottom of last and 240 ft. above cor. to secs. 27-28-33 and 34
Land mountainous
Soil gravely and rocky 3d rate
No timber
Mountainous land 80,00 chs.

N 89° 59' E on a random line bet. secs. 22 and 27
40,00 set limb 1/4 sec. cor.
80,00 Intersect N. and S. line 12 lks. S of cor. to secs. 22-23-26 and 27
Thence run
S 89° 54' W on a true line bet. secs. 22 and 27
Descending on S.W. slope
36,95 Bottom of gulch 170 ft. below cor. course S.E.
Begin ascent
40,00 Set a trachyte stone 18 x 10 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. —
This cor. stands on N.E. slope 60 ft. above bottom of gulch
49,00 Top of ridge 150 ft. above 1/4 sec. cor.; bears S.E. and N.W.

Subdivision of T 26 S R 2 E

Chains	
72,15	Bottom of gulch 200 ft. deep course S. 25° E.
	Ascend on E. slope
80,00	The cor. to secs. 21 - 22 - 27 and 28
	This cor. stands 175 ft. above bottom of last gulch and about
	on equal height with cor. to secs. 22-23-26 and 27
	Land mountainous
	Soil gravely and rocky 2d and 3d rate
	No timber
	Mountainous land 80,00 chs.
	S 89° 49' W. on a random line bet. secs. 21 and 28
40,00	Set temp 1/4 sec. cor.
80,40	Intersect N. and S. line 10 lks. N. of cor. to secs. 20-21-28 and 29. which is a stone firmly set marked and witnessed as described by the S
	Thence I run
	N 89° 44' E. on a true line bet. secs. 21 and 28
	Ascending on broken rocky slope W.
10,00	Enter timber
12,80	Top of ridge 200 ft. above cor. bears N. E. and S. W.
13,60	Descend on E. slope in large bowlders
20,65	Foot of slope 140 ft. below top of ridge; enter nearly level draw, draining S. E. to head of gulch; thence in dense undergrowth.
40,20	Set a lava stone 20 x 9 x 6 ins; 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; raised a mound of stones 2 ft. base 1/2 ft. high N. of cor. —
	Pits impracticable
	Leave draw and ascend on broken slope
42,50	Enter aspen brake bears N and S
52,00	Leave " " " and dense undergrowth bears N and S
54,70	Top of ridge 200 ft. above 1/4 sec. cor. course N. W. and S. E.
56,50	Descend on S. E. slope
68,35	A spring of cold water bears S. 35.00 chs. dist. in head of gulch, drains S 60° E, tiny stream
80,40	The cor. to secs. 21-22-27 and 28
	This cor. stands 230 ft. below top of last ridge
	Land mountainous
	Soil gravely and rocky 2d and 3d rate
	Timber pine and aspen of fair quality and aspen brake
	of small size and very dense. —
	Dense undergrowth of oak brush and [illegible]

Chains	Mountainous land and dense undergrowth 80,45 chs June 7, 1895
	June 8: At 7h 40m a.m., t.m.t. I set off 38° 32' on the lat. arc. and 22° 53' N. on the decl. arc. an determine a true meridian with the solar at the cor. to secs. 21-22-27 and 28: thence I run N 0° 2' W. bet. secs. 21 and 22 Ascending on S.E. slope: rocky and broken
9,90	Enter timber.-
18,00	Top of slope and ridge 280 ft. above cor. course S 60° E and N 60° W: thence descending on N slope
26,30	Leave timber
28,15	Bottom of gulch 130 ft. deep course E: thence ascending gradually on broken slope
39,70	Enter timber
40,00	Set a lava stone 18 x 12 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face: from which An aspen tree 9 ins. diam. bears N 42° 15' W. 18 lks. dist. marked 1/4 S.B.T. An aspen tree 10 ins. diam. bears S 84° 30' W. 31 lks. dist. marked 1/4 S.B.T.
45,90	Leave timber
70,30	Enter timber
80,00	Set a lava stone 18 12 x 9 ins. 12 ins. in the ground for cor. to secs. 15-16-21 and 22 marked with 3 notches on S. and 3 on E. edges from which An aspen tree 6 ins. diam. bears N 63° W. 26 lks. dist. marked T 26 S R 2 E S 16 B.T. An aspen tree 6 ins. diam. bears S. 25° 55' E 11 lks. dist. marked T 26 S R 2 E S 22 B.T. An aspen tree 5 ins. diam. bears S 28° 50' W. 5 lks. dist. marked T 26 S R 2 E S 21 B.T. An aspen tree 5 ins. diam. bears N 25° 54' E 6 lks. dist. marked T. 26 S. R. 2 E. S. 15 B.T. Raised a mound of stones 2 ft. base 1½ ft. high W. of cor. This cor. stands on gradual slope S. 500 ft. above cor to secs. 21-22-27 and 28 Land mountainous Soil gravely and rocky 2d and 3d rate Timber aspen of small size and scattering pine [illegible]

Chains	
	N. 89° 54' E. on a random line bet. secs. 15 and 22
4,00	Set Temp 1/4 sec. cor.
79,76	Intersect N. and S. line 19 lks. N of cor. to secs. 14-15-22 and 23
	Thence S run
	N 89° 58' W on a true line bet. secs. 15 and 22
	Ascending on S.E. slope
5,70	Enter aspen brake bears N and S
10,80	Leave " " " " " "
13,50	Top of spur 260 ft. above cor. course N and S; slopes S to draw descend gradually
21,55	Wood road bears N.W. and S.E. in shallow draw; thence ascending gradually
29,70	Top of ridge 350 ft. above sec. cor. course N 30° W and S. 5°5° E; thence descending on W. slope
31,50	Enter timber bears N. and S.
33,80	Leave " " " " "
39,88	Set a lava stone 20 x 9 x 6 ins. 15 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 West slope 110 ft. below top of ridge
43,67	Wood road in head of aspen shallow gulch course N W and S.E.; gulch drains S E.
	Thence ascending gradually in dense undergrowth —
64,50	Enter timber; leave dense undergrowth —
79,76	The cor. to secs. 15-16-21 and 22
	Land mountainous broken and rolling
	Soil gravelly 2d class —
	Timber aspen and scattering pine
	Dense undergrowth of sagebrush and stone
	Mountainous land and dense undergrowth 79,76 chs.

	S 89°44' W. on a true line bet. secs. 16 and 21
	Ascending gradually, in timber
9,50	Top of slope and, rocky ridge 110 ft. above cor. course N.E. and S.W.
	Begin descent on steep, rocky slope
14,00	Set a lava stone 22 x 14 x 6 ins. 16 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face: from which An ashen tree 6 ins. diam. bears N 16° 20' E 34 l

Subdivision of T 26 S R 2 E

Chains	
	marked 1/4 S. B.T.s
	A pine tree 5 ins diam. bears S 38°35' W. 21 lks. dist.
	marked 1/4 S. B.T.s
	This cor. stands 950 ft. below top of ridge on W. slope
65,20	To bank of Fish Lake
	Set a trachyte stone 18 x 10 x 7 ins. 12 ins. in the ground
	for meander cor. to fracl. secs. 16 and 21 marked
	M.C. on W. face; with 3 groves on S. face; from which
	A pine tree 6 ins. diam. bears. S 64°15' E 16 lks. dist.
	marked T 26 S R 2 E S 21 M.C. B.T.s
	A pine tree 5 ins diam. bears. N 53°30' E 54 lks. dist.
	marked T 26 S R 2 E S 16 M.C. B.T.s
	Raised a mound of stones 2 ft. base 1½ ft. high E. of cor.
	This cor stands 620 ft. below 1/4 sec. cor. on this line
	Land mountainous
	Soil rocky and gravely 3d rate
	Timber pine, spruce and aspen of good size and quality
	Mountainous land 65,20 chs. —
	N 0°2' W bet. secs. 15 and 16
	Ascending gradually, in timber
8,00	Top of slope, and rocky crest 85 ft. above cor. course N E
	and S.W.
	Begin descent on rocky, broken N.W slope
40,00	Set a lava stone 18 x 9 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 ft. base 1½ ft. high W of cor. —
	Pits impracticable. —
	The timber around here is all burned and dry and no
	bearing objects could be obtained within limits
	This cor stands 500 ft. below top of crest. —
	Thence over weaks and gullies
69,60	To bank of Fish Lake
	Set a trachyte stone 26 x 9 x 5 ins. 20 ins. in the
	ground and mound of stone for meander cor. to fracl
	secs. 15 and 16 marked M.C on N. face with 3 groves on
	E face from which.
	An aspen tree 6 ins. diam. bears S 64° E 21 lks. dist.
	marked T. 26 S.R. 2 E. S 15 M.C. B.T.s
	An aspen tree 5 ins. diam. bears S 5°30' W. 16 lks. dist.
	marked T. 26 S R 2 E S. 16 M.C. B.T.s
	T [illegible] 930 l. bet. 1/4 sec. cor on this line

Subdivision of T. 26 S R 2 E

Chains	
	Land mountainous
	Soil rocky and gravely 3d rate
	Timber pine and aspen of good size and quallity,
	partly burned and dry.—
	Mountainous land 69.60 chs.—
	June 8; At the cor. to secs. 10-11-14 and 15 I set off
	22° 53' N. on the decl. arc and at 11h 59m a.m., t.m.t. observ
	the sun on the meridian; the resulting lat. is 38° 34'
	Thence I run
	N 89° 58' W. on a true line bet. secs. 10 and 15
	Descending gradually on rocky N slope; in timber
21.73	Leave timber course N. and S. 130 ft. below cor. -
21.80	Wood road course N. and S. 1 thence on rolling surface
	ascending gradually
35.80	Top of rocky crest course N. and S.W. -
	Begin descent on rocky broken slope, very steep
37.00	Enter timber
40.00	Set a lava stone 24 x 10 x 6 in. 18 in. in the ground and
	mound of stones for 1/4 sec. cor. marked 1/4 on N. face
	from which
	A pine tree 5 in. diam. bears N. 24° 30' E 16 lks. dist.
	marked 1/4 S. B. T.
	A pine tree 7 in. diam. bears. S 25° 20' E. 18 lks. dist.
	marked 1/4 S. B. T.
	This cor stands on W. slope 120 ft. below crest of slope
74.24	To bank of Fish Lake
	Set a trachyte stone 27 x 16 x 7 in. 20 in. in ground and
	mound of stones for meander cor. to fract. secs 10 and 1 -
	marked M.C. on W. face with 4 grooves S. face from wh.
	An aspen tree 15 in. diam. bears. N. 31° 37' E 45 lks. dist.
	marked T. 26 S. R. 2 E. S 10 M.C. B.T.
	An aspen tree 10 in. diam. bears. S 8° 10' E. 26 lks. dist.
	marked T 26 S R 2 E S 15 M.C. B.T.
	This cor. stands 140 ft. below 1/4 sec. cor. on this line
	Land mountainous
	Soil rocky and gravely 3d rate
	Timber pine and aspen of good size and quallity
	Mountainous land 74.24 chs.—
	From the cor. to secs. 4-5-8 and 9 which is a stone
	firmly set marked and with red [illegible]

chains. The surveyor general's line
West on a random line setting temporary 1/4 sec. and sec. cor. at intervals of 40.00 chs.; and at 131.24 chs. intersect the W. bdy. of Tp 20 chs. S. of cor. to secs. 1-6-7 and 12 W. in a stone firmly set marked and witnessed as described by the surveyor general.
Thence S. run
S 89° 55' E on a true line bet. secs. 6 and 7
Descending on broken, rocky, S.E. slope
131.24 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 stones 2 ft. base 1/2 ft. high N. of cor. - Pits impracticable
— 51.24 Set a trachyte stone 20 x 9 x 5 ins. 15 ins. in the ground cor. to secs. 5-6-7 and 8 marked with 5 notches on S. and E. edges.; raised a mound of stones 2 ft. base 1/2 ft. high W. of cor. Pits impracticable. —
This cor. stands on cliff S.E. slope 1000 feet below cor. to secs. 1-6-7 and 12 on W. bdy. of Tp.
Land mountainous
Soil rocky and gravely 3d rate
Timber, scattering branches of aspen brake and a few pine and scattering —
Mountainous land 51.24 chs.

June 8, 1893

S 89° 55' E on a true line bet. secs. 5 and 8
Descending on S.E. slope over gullies and ravines
40.00 Set a lava stone 18 x 14 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 1/2 ft. high. Pits impracticable
This cor. stands S E slope 360 ft below cor. to secs. 5-6-7 and 8
Thence descending on S side of ridge
53.00 Top of ridge course N 73° W and S 60° E; sloping E from mountain -
63.00 Begin descent on N. side of ridge on rocky slope
— 80.00 The cor. to secs. 4-5-8 and 9
This cor. stands on N. slope near bottom of canon 200 below 1/4 sec cor. on this line. —
Land mountainous
Soil rocky and gravely 3d rate

Chains	Mountainous land 80,00 chs.
	June 9: At 9h 40m a.m. t.m.t. I set off 38° 35' on the lat. arc and 22° 58' N on the decl. arc and determine a true meridian with the solar at the cor. to secs. 5-6-7 and 8
	Thence I run
	N 0° 3' W bet. secs. 5 and 6
	Ascending on rocky slope facing E
9,70	Top of spur running E. from mountain: thence descending in canon on rocky precipitous slope
33,40	Stream 4 lks. wide flows S.E. in bottom of narrow rocky canon 500 ft. below sec. cor. 1 course S E:
	Begin ascent on rocky, broken, S.W slope
40,00	Set a lava stone 18 x 10 x 6 in. 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. —
	This cor. stands on S.W. Slope 190 ft above bottom of canon
74,10	Intersect the 5th Standard Parallel South which is the N. bdy. of this Tp. ~~7,32~~ chs. W. from Standard cor. to secs. 31 and 32 which is a stone firmly set marked and witnessed as described by the surveyor general. —
	Set a lava stone 24 x 11 x 5 in. 18 ins in the ground for closing cor. to secs. 5 and 6 marked C.C. on S. with 1 groove on W. and 5 groves on E faces: raised a mound of stones 2 ft. base 1½ ft. high S. of cor. — Pits impracticable
	No natural bearing objects could be obtained within limits
	This cor. stands on W. slope 600 ft above 1/4 sec. cor. on this line. —
	Land mountainous
	Soil rocky 4th rate
	Timber a few scattering pine and spruce
	Mountainous land 74,10 chs. —
	From the cor. to secs 5-6-7 and 8 I run
	S 0° 3' E on a random line bet. secs. 7 and 8
40,00	Set temp 1/4 sec. cor.
80,00	Intersect E and W. line 12 lks W. of cor. to secs. 7-8-17 and 18 which is a stone firmly set marked and witnessed as described by the surveyor general.
	Thence I run,
	N 0° 8' W on a true line bet. secs and

See correction notes of this Tp. P. 1 note 2.

Subdivision of T. 26 S. R. 2 E.

Chains On steep broken E. slope over gullies and ravines ascending
40,00 Set a trachyte stone 18 x 8 x 5 ins. 12 ins. in the g
for 1/4 sec. cor. marked 1/4 on W. face; raised a mound
of stones 2 ft. base 1½ ft. high N of cor. —
Pits impracticable. —
This cor. stands on E slope 230 ft. above cor. to secs 7-8-
17 and 18.
80,00 The cor. to secs. 5-6-7 and 8.
This cor stands 300 ft. above 1/4 sec cor on this line
Land mountainous
Soil gravely and rocky 3d rate
Timber: bunches of aspen brake and a few scattering pine
Mountainous land 80,00 chs. —
June 9: at this cor. I set off 22° 58' 30" 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° 35'
June 9, 1895 12m.

Meanders. T. 26 S. R. 2 E.

Meanders of east side of Fish Lake
I commence at the meander cor. to fracl. secs. 20 and 21
which is a stationary stone marked and witnessed as
described by the surveyor general. —
At this cor.: June 9, I set off 38° 33' on the lat.
and 22° 59' N. on the decl. arc and at 2h 35m, p.m.,
l.m.t. determine a true meridian with the solar...
Thence I run with meanders in sec. 21
On rocky slope rising from waters edge; in heavy timber
N. 46¾° E. 8,50 chs.
N. 38½° E 10,30 "
N 47¼° E. 3,40 " To meander cor. to fracl. secs. 16.
and 21
Land rolling, broken slope to waters edge
Soil rocky and gravely 2d rate
Timber pine and aspen of good size and quality.
and willow underbrush
Heavily timbered land 22,20 chs. —

Meanders T 26 S R 2

Chains Meanders of the E side of Fish Lake

N. 47 1/4° E. 7,60 chs. Bank 4 ft. high; heavy timber
N 32 1/2° E 10,30 "
N 52 1/2° E 7,40 "
N 36 3/4° E 15,60 "
N 61 1/2° E 14,40 "
N 33° E 7,90 "
N 55 1/4° E 8,60 "
N 42° E 5,90 "
N 30 1/2° E 5,70 "
N 39 3/4° E 8,50 "
N 27 3/4° E 5,05 " To meander cor. to frac. secs. 15 and 16

Land broken slope from waters edge
Soil rocky and gravely 2d rate
Timber pine and aspen, heavy, and good quallity; alder and willow undergrowth
Heavily timbered land 96,95 chs.

June 9, 1895

June 10; at 7h 45m a.m., t.m.t. I set off 38° 34' on the lat. arc. and 23° 3' N. on the decl. arc. and determine a true meridian with the solar; at the meander cor. to frac. 15 and 16

Thence in sec. 15;
N 29 1/4° E 11,85 chs. Bank 6 ft. high; heavy timber. To meander cor. to frac. secs. 10 and 15
Land broken slope from waters edge
Soil rocky and gravely 2d rate
Timber, heavy pine and aspen of good quallity; aspen and willow undergrowth
Heavily timbered land 11,85 chs.

Thence in secs 10
N 32° E 8,00 chs. Bank 4 ft. high; heavy timber
N 17 1/2 E 7,80 "
N 20 3/4° E 8,90 "
N 24° E 16,60 "
N 17 1/4° E 21,30 "
N 12 1/2° E 8,10 "
N 33° E 7,80 "
N 18° E 8,38 " To meander . to

Meanders T 26 S R 2 E

Meanders of E side of Fish lake
which is a stone firmly set marked and witnessed as described by the surveyor general.-
This is a beautiful mountain lake of clear and pure water.-
It is claimed to be more than 200 ft. deep in places, and contains an abundance of trout and other fish.-
Land broken slope from the water edge
Soil rocky and gravely 2d rate
Timber aspen and pine of medium size and fair quality.
Aspen and willow undergrowth-
Heavily timbered land 86,88 chs

June 10, 1895 11h45m a.m

General Description

The portion of this township covered by the present survey is all mountainous land, and owing to its high elev and rough surface, is not adapted for cultivation but all affords good pasture for stock of every kind and many herds was encountered.- The soil is a gravely wash, and in most places rocky but is very productive and an abundance of nutritious grasses grow everywhere without irrigation.-
The greater portion of the township is covered with pine and aspen timber of good quality and size and along the eastern side of Fish Lake and in secs 1-2-11 and 12 the pine timber is very heavy and uniform.-
There are no mines nor quarries of any kind nor any indications of mineral veins or deposits; the surface rock is everywhere a black lava, and many large rom boulders of the same material are scattered everywhere, left by the receding glacier.-
Geologically the township is very interesting and instructive.- The very caracteristic extinct craters in secs. 2 and 11 afford probably a better illustration of their kind than any other locallity on the north American continent; hid away in the deep forest it have so far been seen, only by the local herders and wood choppers, but will when they shall become known be objects of great interest and study.- This is undoubtedly the center of the great volcanic crupt

eneral ption of T 26 S R 22 E

direction with an enormous flow of lava. —
The township is sparsely watered by a few springs and small streams, and two lakes depending on the precipitation for their supply. — Fish Lake which is located in this — is about 3 miles long by somewhat more than one mile wide, it is a fine body of water, clear, and pure and has a local reputation as a summer resort. — Dairy ranches are located along its westerly shore. — This lake is claimed to be very deep in places but no boats being at hand I could not verify it. —
There are no permanent settlers in this township. — Sam'l Morrells successor to applicants for survey of this Tp. Andrew J. and D. H Allred having recently died, the cabin in SE 1/4 was abandoned and deserted; the improvements consisted of, cabin, fence inclosing a wild meadow of about 10 acres and watering troughs and fence around spring. The claims was located for a summer dairy ranch. —
The claim of Daul. J. Brian is located in Tp 26 S. R 1 E which should be subdivided. —

Andrew P. Hansen
U.S. Deputy Surveyor

Subdivision of T 26 S.R. 2 E

Nr of Notes	
(1)	As the boundaries of Sec. 2 will not close within limits and having measured the east and south boundaries with care. I conclude the error is located in the line forming the west body of this sec. as established by a former survey. I therefor retrace said line as follows. –
	From the cor. of secs. 2-3-10 and 11 I run
	North on a re-tracement line bet. secs. 2 and 3
	on broken rocky slope, in timber
39,80	The 1/4 sec. cor. bears 16 lks west, being a stone firmly set marked and witnessed as described by the Surveyor General. –
77,95	Intersect 5th Standard Parallel South, and the closing cor. of this line being a stone firmly set marked and witnessed as described by the surveyor general The standard cor. of secs. 34 and 35 bears east .50 chs dist.
	Land Mountainous
	Soil rocky
	Timber pine and aspen partly scattering
(2)	In the survey of exterior boundaries of T 25 S R 2 E it became necessary to re survey a portion of the 5th Standard Parallel south through range 2 E. which is the N. bdy of this Tp. and the closing distance of closing cor. of secs. 5 and 6 was thereby changed from 7.32 chs. to 3,54 chs. –

Andrew T Hanson
U S Deputy Surveyor

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PAGE

List of Names.

A list of the names of the individuals employed by Andrew P Stannard, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the Subdivisions and meander lines of Tp 26 S R 2 E

of the Salt Lake Base and Meridian, in Utah, showing the respective capacities in which they acted:

Andrew F. Reiser Chainman
Wm H Teare Chainman
Joshua Gardner Axeman
Wm P McKeever Flagman

Final Oath of Assistants:

We hereby certify that we assisted ..... , U. S. Deputy Surveyor, in surveying all those parts or portions of the ..... Meridian, ..., as 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 U. S. Surveyor General for .....

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

SEAL

6—151

I, _____, U. S. Deputy Surveyor

solemnly swear that, in pursuance of instructions received from _____, U

Surveyor General for _____, bearing date of the _____da

_____, 18 , I have well, faithfully, and truly, in my own proper person, and in s

conformity with the instructions furnished by the U. S. Surveyor General for _____,

surveying manual, and the laws of the United States, surveyed all those parts or portions of _____

_____

_____

_____

_____

_____Meridian, in the_____, as are represented in the

going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear tha

the corners of said survey have been established and perpetuated in strict accordance with the surveying ma

printed instructions, the special written instructions of the U. S. Surveyor General for_____

and in the specific manner described in the field notes, and that the foregoing are the true field notes of such sur

and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Con

approved August 8, 1846.

Andrew P. Hanson

U. S. Deputy Survey

Subscribed and sworn to before me this _____

day of _____, 18 .

SEAL

_____

_____

Approval.

Office of the U. S. Surveyor General,

Salt Lake City Utah May 23, 1896.

The foregoing field notes of the survey of the Subdivisions of T 2 S South Range 2 East of the Salt Lake B & Meridian Utah

_____

_____

_____

_____

_____

_____ execute

_____ Andrew P. Hanson

under his Contract No. 198, dated March 16th, 1895 having been criti examined, the necessary corrections and explanations made, the said fie l notes, and the surveys they describe, hereby approved.

_____

U. S. Surveyor Gener

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

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

_____

U. S. Surveyor Gener

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(4—679.)

BOOK A-239

36.3.13.

FIELD NOTES

OF THE SURVEY OF

North and East Boundaries

of

Township No 24 South Range No 2 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Andrew P. Hansen, U. S. Deputy Surveyor,

Under his Contract No. 198, dated March 4, 1895.

Survey commenced July 23, 1895.

Survey completed July 24, 1895.

(6[illegible]—2,[illegible]) 6—151

Andrew F. Riepen Chainman

Wm R. Trone " "

Joshua Gardner Axeman

Wm P McKeever Flagman

6—151

BOOK A-239

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..... .....

We, _____

_____

_____

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

_____

_____

_____

_____

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman.*

Subscribed and sworn to before me this _____ day of _____, 18 .

_____

_____

We, _____

_____

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

_____

_____

_____

_____

Subscribed and sworn to before me this _____ day of _____, 18 .

_____, *Axeman.*

_____, *Axeman.*

_____

_____

_____

6—173

North boundary of T 24 S R 2 E

Chains	Survey commenced July 23, 1895 and executed with a W & L E Gurley light mountain transit No 7 with solar attachment. - The horizontal limb is provided with two double verniers placed opposite each other, reading to single minutes of arc: which is also the least count of the verniers of the latitude and declination arcs. -
	The instrument was examined tested on the true meridian at Salt Lake City found correct and was approved by the surveyor general for Utah March 16, 1895
	Note Having recently tested the solar apparatus on a true meridian established by observation on Polaris near the cor. of secs. 10-11-14 and 15, Tp. 24 S. R 1 E in connection with the survey of said Tp. and knowing it to be correct I consider it unnecessary to repeat the test at this time. -
	July 23, At the cor. of Tps. 23 and 24 Rs. 2 and 3 E. in latitude 38°46' N. longitude 111°41' W. at 2h 5m p.m., t.m.t. I set off 38°46' on the lat. arc. and 20°0'30" N. on the decl. arc. and determine a true meridian with the solar. -
	The magnetic bearing of the true meridian at 2h 10m p.m. is N 15°20' W: the angle thus determined reduced by the table page 100, gives the mean mag. decl. 15°26' E. -
	From the cor. above described which is a stone firmly set marked and witnessed as described by the surveyor general
	Thence I run
	West on a random line along N. bdy. of Tp. 24 S R. 2 E setting temp 1/4 sec. and sec. cors. at intervals of 40.00 chs. and at 332.80 chs. the cor. to secs. 4-5-32 and 33 bears South 10.25 chs. dist. the same being a stone firmly set marked and witnessed as described by the surveyor general; the falling being beyond the limits, I run
	East on a true line bet. secs. 4 and 33
	Ascending gradually in dense undergrowth and scattering timber, over rolling surface
30,60	Dry wash 10 ft. deep course N.W. at foot of Lost Creek. Creek: begin ascent on steep S.W. slope: leave undergrowth.

North boundary of T 24 S R 2 E

Chains	
	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 slope bears N. and S. 500 ft above wash; enter broken plateau and ascend gradually
62,40	Old wood road course N and S.
63,00	Enter timber bears N and S.
92,80	Set a lava stone 18 x 9 x 6 in. 12 in. in the ground for cor of secs. 33 and 34 marked with 3 notches on E and W. edges. from which A pine tree 7 in. diam. bears N. 31° 30' E 101 lks. dist. marked T 23 S R 2 E S 34 B.T.
	no other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor.
	Land mountainous
	Soil gravelly 2d and 3d rate
	Timber pine of fair growth on plateau, and aspen of small size on western part.
	Dense undergrowth of chilloe and thorn
	Mountainous land and dense undergrowth 92,80 chs.
	East bet. secs. 3 and 34
9,40	Foot of cliff bears N. E. and S W
9,56	Top of cliff 30 ft. high; thence ascending on broken plateau in scattering timber
47,00	Set a lava stone 18 x 8 x 6 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which A pine tree 6 in. diam. bears S 65 2° W. 88 lks. dist. marked 1/4 S 33 T.
	A pine tree 4 in. diam. bears N 21° 12' W. 43 lks. dist. marked 1/4 S 33 T.
48,56	Top of ridge bears N 75° W and S 75° E
	Begin descent
48,20	Edge of rocky break bears N 80° W and S 75° E; descending on precipitous slope
58,45	Bottom of break 50 ft below top of same and descend gradually over huge lava boulders.
80,00	Set a lava stone 25 x 11 x 9 in. 18 in. in a mound of stones 3 ft. base for cor. of secs. 34 and 35 marked with 4 notches on W and 2 notches on E edges.
	Pits impracticable.

North boundary of T24SR2E

chains	
	Soil gravely and rocky 3d and 4th rate
	Timber pine scattering
	Mountainous land 80,00 chs.
	July 23, 1895
	East on S. bdy of sec. 35
	Descending gradually on lava bed in scattering timber
39,00	Leave lava bed, bears N and S; enter aspen timber
40,00	Set a lava rock 24x14x6 ins. 18 ins. in a mound of stones 3 ft. base for 1/4 sec. cor. marked 1/4 on N. face from which An aspen tree 8 ins. diam. bears N 30°5' E 23 lks. dist. marked 1/4 S.B.T.
	An aspen tree 10 ins. diam. bears. N 64°30' E 10 lks. dist. marked 1/4 S.B.T.
	Thence over rolling surface
48,00	Begin ascent bears N. and S.
50,15	Top of ridge bears N. and S.; begin descent
55,50	Descent becomes steep and rocky: leave timber
64,00	Neoge creek 12 lks. wide in bottom of narrow gulch 475 ft. below top of ridge course N.; swift current
	Begin ascent on steep slope
68,30	Top of steep slope 140 ft. above creek: thence ascending on broken slope in scattering timber
74,80	Road from Neoge gulch to Salina bears N and S.
80,00	Set a lava stone 18x9x8 ins. 12 ins. in the ground for cor. of secs. 35 and 36 marked with 5 notches on W. and 1 notch on E. edges: raised a mound of stones 2 ft. base 1½ ft. high W. of cor. - Pits impracticable
	No bearing trees of proper size within limits
	Land Mountainous
	Soil gravely and rocky 3d and 4th rate
	Timber aspen of small size, and pine scattering
	Mountainous land 80,00 chs.
	East on S. bdy. of sec. 36
	Ascending on W. slope
4,00	Enter aspen timber bears N. and S.
25,00	Foot of steep rocky slope bears. N and S.; leave timber
30,60	Top " " " " " " " " and begin gradual descent on rolling plateau
40,00	Set a lava stone 18x10x6 ins. 12 ins. in the ground
	14 N. l which

North boundary of T 24 S R 2 E

chains	
	A pine tree 8 ins. diam. bears S 27° 30' E 90 lks. dist. marked 1/4 S. B.T.;
	No other trees within limits I raised a mound of stones 2 ft. base 1½ ft. high N. of cor.
44,00	Enter pine timber bears N.E. and S.W.
47,70	Leave timber bears N. and S.
56,85	Edge of bank bears N. and S.; descending on bottom slope
62,00	Enter timber bears N. and S.
80,00	Set a temporary cor. of Tps. 23 and 24 S R 2 E from which the original cor. of Tps. 23 and 24 S Rs 2 and 3 E bears North 10.25 chs. dist.;
	Land mountainous
	Soil gravely 32 sale
	Timber aspen of small size, and pine of good growth.
	Mountainous land 80,00 chs. –

July 24: At cor. to Tps. 24 and 25 S Rs. 2 and 3 E I set off 38° 41' on the lat. arc. and 19° 57' 30" N. on the decl. arc. and at 8h 30m a.m. p.m. I determine with the solar a true meridian. –

Thence I run

North on a random line on E. bdy of T 24 S R 2 E setting temp. 1/4 sec. and sec. cors at intervals of 40,00 chs. and at 48 0,52 chs. intersect the N. bdy of Tp. 32,14 chs west of temporary cor. of Tps 23 and 24 S R 2 E as above described. –

Set a lava stone 18 x 9 x 7 ins. 12 ins. in the ground for closing cor. of Tps. 24 S. Rs. 2 and 3 E marked C C on S. with 6 grooves on S. E. and W. faces from which A pine tree 5 ins. diam. bears S 57° 30' W. 51 lks. dist. marked T. 24 S. R 2 E S 1 B.T.;

No other trees within limits raised a mound of stones 2 ft. base 1½ ft. high S. of cor. –

I destroy temp. cor. of Tps. 23 and 24 S R 2 E. and in its set a lava stone 18 x 10 x 7 ins. 12 ins. in the ground for cor. of Tp 23 S R 2 E marked with 6 notches on N. and W. edges from which

An aspen tree 7 ins. diam. bears N 46° 30' W. 161 lks. dist. marked T 23 S R 2 E S 36 B.T.; raised a mound of stones 2 ft. base 1½ ft. high N.W. of cor.

Thence I run North 10,25 chs. to original cor.

East boundary of T 24 S R 22 E

chains	Obliterate the notches on W. edge of said cor.
	From the closing cor. of Tps. 24 S. Rs. 2 and 3 E as hereinbefore described I run South bet. secs. 1 and 6
	Ascending gradually on broken slope in scattering timber
14,25	Top of spur running E; thence on E. slope descending gradually; leave timber
40,52	Set a lava stone 20 x 9 x 6 ins. 15 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 on broken slope S. E.
44,60	Enter aspen timber bear E and W
49,10	Bottom of ravine 225 ft. deep course E
	Begin ascent
59,60	Leave timber bear E and W and ascend gradually
80,52	Set a lava stone 18 x 8 x 6 ins. 12 ins. in the ground for cor. of secs. 1 - 6 - 7 and 12 marked with 1 notch on N and 5 notches on S edges; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. — Pits impracticable. —
	Land mountainous
	Soil gravely and stony & dark
	Timber pine and aspen of fair growth
	Mountainous land 80,52 chs. -
	South bet. secs. 7 and 12
	Ascending on broken slope
16,50	Top of slope, and ridge bears N W and S E 150 ft. above cor. I begin descent on broken slope
28,00	Enter pine timber bear N W and S E
40,00	Set a trachyte stone 19 x 13 x 7 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which a pine tree 6 ins. diam. bears N 11° 30' W 67 lks. dist. marked 1/4 S. B.T.
	No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W. of cor. -
46,00	Head of gulch 170 ft. deep course N.W.
	Begin ascent on N.W. slope

East boundary of T 24 S R 26

Chains	
	Descending on S. slope; leave timber
8,00	Set a trachyte stone 18 x 14 x 6 ins 12 ins. in the ground for cor. of secs. 7-12-13 and 18 marked with 2 notches on N. and 4 notches on S. edges; raised a mound of stones 2 ft. base 1½ ft. high W of cor. Pits impracticable.–
	Land mountainous
	Soil gravely 3d rate
	Timber pine mostly scattering
	Mountainous land 8000 chs. ..
	South bet secs. 13 and 18
	Descending on S. slope
16,60	Stream 4 lks. wide flows E. in bottom of gulch 250 ft. below cor..
	Ascend over rolling slope
40,00	Set a trachyte stone 18 x 9 x 6 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.–
44,00	Enter timber bears S and W.
53,50	Top of spur running E. 130 ft. high;.–
	Begin descent
62,30	Spring branch 5 lks wide course S.E. in ravine 6 ft. deep. on side of slope
65,70	Stream 3 lks wide course E in bottom of draw 90 ft below top of ridge
74,75	Begin ascent on steep rocky slope bears nearly E. and W.
80,00	Set a lava stone 25 x 11 x 7 ins. 18 ins in a mound of stone 3 ft. base for cor. of secs. 13-18-19 and 24 marked with 3 notches on S. and N. edges, from which
	A pine tree 30 ins. diam. bears S.57°16' E. 46 lks. dist. marked T.24 S.R.3 E.S.19 B.T.
	A pine tree 16 ins. diam. bears N.19°30' W. 13 lks. dist. marked T 24 S R 2 E S 13 B.T.
	No other trees within limits.– Pits impracticable
	This cor. stands 175 ft. above draw on N slope in slide rock
	Land mountainous
	Soil gravely and rocky 2d and 4th rate
	Timber pine of large size but open and scattering
	[illegible]

East boundary of T 24 S R 2 E

Chains	
	South bet. secs. 19 and 24
	Ascending in slide rock on N. Slope; through timber
7,60	Leave slide rock and timber bears E. and W.
10,50	Top of ridge bears. N.W. and S.E. 300 ft. above sec. cor.
	Begin descent in scattering pine timber
40,00	Set a lava stone 20 x 9 x 6 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	A pine tree 10 ins diam. bears. S 53° 55' W. 7 lks. dist. marked 1/4 S.B.T.
	No other trees within limits; raised a mound of stones 2 ft. base 1½ ft. high W of cor.
50,00	Enter aspen and pine timber bears E and W.
80,00	Set a lava stone 26 x 12 x 7 ins. 20 ins in a mound of stones 2½ ft. base for cor. of secs. 19-24-25 and 30 marked with 4 notches on N. and 2 notches on S. edges from which
	A pine tree 9 ins. diam. bears. S 68° 15' W. 17 lks. dist marked T 24 S R 2 E S 25 B.T.
	A pine tree 6 ins. diam. bears N 66° 30' E. 90 lks. dist. marked T 24 S R. 3 E. S 19 B.T.
	No other trees within limits; pits impracticable
	This cor. stands on rocky ground on S W. slope 700 ft. below top of ridge.
	Land mountainous
	Soil gravely and rocky 3d rate
	Timber aspen and pine of fair growth
	Mountainous land 80,00 chs.
	South bet. secs. 25 and 30
	Descending in timber
32,00	Leave timber bears. N.W. and S.E.
36,09	Stream 5 lks. wide course S.E in bottom of gulch 300 ft. below sec. cor.; thence ascending in scattering timber
40,00	Set a lava stone 18 x 9 x 6 ins. 12 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face, from which
	A pine tree 4 ins. diam. bears S 52° 45' W. 60 lks. dist marked 1/4 S B.T.
	A pine tree 8 ins. diam. bears. N 8° 25' E. 33 lks. dist marked 1/4 S B.T.
46,00	Top of spur running S.E. 100 ft. high

East boundary of T 24 S R 2 E

Chains	
5.69.5	Stream 3 lks. wide course E in bottom of draw 70 ft deep
	Thence over low ridge bears E and W.
62.75	Stream 4 lks wide flows E in ravine 10 ft deep.
	Begin ascent in heavy pine timber bears N.W. and S.E.
8.00	Set a white porphyry stone 18 x 10 x 9 ins. 12 ins. in the ground for cor of secs. 25-30-31 and 36 marked with 6 notches on N. and 1 notch on S. edges from which
	A pine tree 6 ins. diam. bears S 17° 45' E 30 lks. dist. marked T 24 S R 3 E S 31 B.T.
	A pine tree 6 ins. diam. bears S 49° 15' W. 34 lks dist. marked T 24 S R 2 E S. 36 B T.
	A pine tree 11 ins. diam. bears N 30° 3' W. 7 lks. dist. marked T 24 S R 2 E S 25 B.T.
	A pine tree 5 ins. diam. bears N 27° 29' E 10 lks dist. marked T 24 S R 3 E S 30 B.T.
	This cor. stands on E. slope in heavy pine timber
	Land mountainous
	Soil gravelly 2d rate
	Timber pine and aspen
	Mountainous land 8.00 chs.

	South bet. secs. 31 and 36
	on broken E. slope in pine timber ascending
3.25	Top of spur running E.; thence descending on S E slope
20.25	Bottom of ravine 150 ft. deep course E.
	Begin ascent on N. E. slope
4.00	Set a lava stone 18 x 9 x 8 ins. 12 ins. in the ground for 1/4 sec cor. marked 1/4 on W. face from which
	A pine tree 6 ins. diam. bears N 64° 20' E 26 lks. dist. marked 1/4 S B.T.
	A pine tree 10 ins. diam. bears S 41° 25' W. 40 lks. dist. marked 1/4 S B.T.
8.00	The cor. of Tps. 24 and 25 S Rs 2 and 3 E
	This cor. stands 730 ft above cor of secs. 25-30-31 and 36
	Land mountainous
	Soil rocky and gravelly 3d and 4th rate
	Timber pine of heavy growth, and aspen
	Mountainous land 8.00 chs.

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Boundaries of T 24 S. R 2 E.
Latitudes departures and closing errs.

Line designated	True bearing	Distance chs.	Latitudes N chs	Latitudes S chs	Departures E chs	Departures W chs
N. bdy T 25 S R 2 E	S 89°36' E	472.96		.61	472.96	
E. bdy. T 24 S R 1 E	North	481.95	481.95			
E. bdy. T 24 S R 2 E	South	480.52		480.52		
N. bdy T 24 S R 2 E	East (West)					473.96
						.58
Convergency						
Totals			481.95	481.13	472.96	474.54
			481.13			472.96
Errors in lat.			.82	in dep.		1.58

This township is all mountainous land excepting a narrow valley along Seven mile Creek in its northern portion. The township is well watered and well timbered and the soil though rocky in places is very fertile and affords excelent pasture without irrigation. The township should be subdivided.

Andrew P. Lawson
U.S. Deputy Surveyor

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List o ames.

A list of the names of the individuals employed by Andrew P Stansen, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the south and east boundaries of Tp. 27 S R 3 E; S and W. bdys. of Tp. 27 S R 2 E; E. bdy of Tp 26 S R 3 E.; E and N. bdys. of Tp 25 S R 1 E; E and N bdys. of Tp 25 S. R 2 E; N. bdy of Tp 25 S R 3 E; E. bdy of Tp 24 S R 1 E and E and N bdys. of Tp. 24 S R 2 E

of the Salt Lake Base and Meridian, in Utah, showing the respective capacities in which they acted:

Andrew F Riefner Chainman
Wm S C Trone "
Joshua Gardner Axeman
Wm P McKeever Flagman
G S Forsyth Chainman

Final Oath of Assistants:

We hereby certify that we assisted Andrew P Stansen, U. S. Deputy Surveyor, in surveying all those parts or portions of the S. and E. bdys. of Tp 27 S R 3 E; S and W. bdys of Tp. 27 S. R 2 E; E bdy of Tp 26 S R 3 E.; E and N. bdys. of Tp 25 S R 1 E.; E and N. bdys. of Tp 25 S R 2 E; N. bdy of Tp 25 S R 3 E; E bdy of Tp. 24 S R 1 E and E and N. bdys. of Tp. 24 S R 2 E

of the Salt Lake Base and Meridian, Utah, as 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 U. S. Surveyor General for Utah

Andrew F. Riefner Chainman
Wm H Trone "
G. S. Forsyth "
Wm P McKeever Flagman
Joshua Gardner Axeman

Subscribed and sworn to before me this 1st day of August, 1895

SEAL

Henry R. M. Atkinson
Notary Public

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I, Andrew P Hanson, U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions received from Geo. W. Sisson, U. S. Surveyor General for Utah, bearing date of the 4th day of March, 1895, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for Utah, the surveying manual, and the laws of the United States, surveyed all those parts or portions of

Meridian, in the, as 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 surveying manual, printed instructions, the special written instructions of the U. S. 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.

Andrew P Hanson
U. S. Deputy Surveyor.

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

SEAL

Approval.

Office of the U. S. Surveyor General,
Salt Lake City Utah May 23d, 1896

The foregoing field notes of the survey of the North & East Boundaries of Township No 2 South Range 2 East of the Salt Lake Base & Meridian, Utah

executed by Andrew P Hanson under his Contract No. 19, dated March 4th, 1895, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Geo. W. Sisson
U. S. Surveyor General.

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

U. S. Surveyor General.

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