Volume

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R0283

BOOK A-283

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Meanders Page

0—151

PRELIMINARY OATHS OF ASSISTANTS.

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

.....

....., *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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BOOK A-283

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Township 34 S., *Range* 24 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 over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

.....

....., *Chainman.*

....., *Chainman.*

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

SEAL

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

.....

....., *Moundman.*

....., *Moundman.*

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

SEAL

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

.....

....., *Axman.*

....., *Axman.*

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

SEAL

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

....., *Flagman.*

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

SEAL

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BOOK A-283

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Township 33 S., *Range* 25 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 over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

.....

..... , *Chainman*

..... , *Chainman*

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

SEAL

.....

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

.....

..... , *Moundman.*

..... , *Moundman.*

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

SEAL

.....

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

.....

..... , *Axman.*

..... , *Axman.*

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

SEAL

.....

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

..... , *Flagman.*

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

SEAL

.....

BOOK A-283

INDEX DIAGRAM.

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

.....

....., *Chainman.*

....., *Chainman.*

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

SEAL

.....

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

.....

....., *Moundman.*

....., *Moundman.*

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

SEAL

.....

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

.....

....., *Axman.*

....., *Axman.*

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

SEAL

.....

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

.....

....., *Flagman.*

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

SEAL

.....

4—679.

2

BOOK A-283

FIELD NOTES

OF THE SURVEY OF THE

Guide Meridian
through
Township No 27 South
between
Ranges No. 6 and 7 West

Of the Salt Lake Base and Meridian,
In the state of Utah

AS SURVEYED BY

Herbert D. Page and Harry Erwin, United States Deputy Surveyors

Under ~~his~~ their Contract No. 232, dated November 24th, 1899

Survey commenced November 5th 1900, 189

Survey completed " 6th " , 189

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G. M. high M. chs. lks. 6-12-53 ✓

BOOK A-283

NAMES AND DUTIES OF ASSISTANTS.

Thomas D. Feist	Chainman
Hubert Price	"
Otis S. Allen	"
Newark S. Pawson	"
Orson M. Allred	Moundman
Orson M. Allred	axman
Orson Allred	flagman

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BOOK A-283

INDEX DIAGRAM.

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Meanders Page ....

PRELIMINARY OATHS OF ASSISTANTS.

WE, Harvey D. Hirst, Herbert Price, Otis S. Allen and Newark S. Dawson

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of Guide Meridian through T. 27 S. Rs. 6 and 7 W. of the Salt Lake Base and Meridian in the State of Utah.

Harvey D. Hirst, Herbert Price, Chainman.

Otis S. Allen, Newark S. Dawson, Chainman.

Subscribed and sworn to before me this 5th day of November, 1900

SEAL

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

WE, I Orson M. Allred and

do solemnly swear that ~~we~~ I will well and truly perform the duties of moundm~~en~~an in the establishment of corners, according to the instructions given ~~us~~ me, to the best of ~~our~~ my skill and ability, in the survey of Guide Meridian through T. 27 S. Rs. 6 and 7 W. of the Salt Lake Base and Meridian, the State of Utah.

Orson M. Allred, Moundman.

, Moundman.

Subscribed and sworn to before me this 5th day of November, 1900

SEAL

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

WE, I Orson M. Allred and

do solemnly swear that ~~we~~ I will well and truly perform the duties of axm~~en~~an in the establishment of corners and other duties, according to instructions given ~~us~~ me, to the best of ~~our~~ my skill and ability, in the survey of Guide Meridian through T. 27 S. Rs. 6 and 7 W. of the Salt Lake Base and Meridian in the State of Utah.

Orson M. Allred, Axman.

, Axman.

Subscribed and sworn to before me this 5th day of November, 1900

SEAL

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

I, Orson Allred, 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 Guide Meridian through T. 27 S. Rs. 6 and 7 W. of the Salt Lake Base and Meridian, in the State of Utah.

Orson Allred, Flagman.

Subscribed and sworn to before me this 5th day of November, 1900

SEAL

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

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We set off 38°25' N. on the lat. arc; 15°44' S. on decl. arc; and at 4 p. m., l. m. t., and determine with the solar a true meridian, and mark a point thereof, on a stone firmly set in the ground, 5 chs. N. of our station.

At 10h. 23m. p. m., l. m. t., We observe Polaris at upper culmination, in accordance with manual of instructions the line thus determined falls on the mark made by the p. m. solar observation.

Nov. 5th 1900.

Nov. 6th 1900.

At 9 a. m., l. m. t., We set off 38°25' N. on lat. arc; 15°56' S. on decl. arc; and determine a true meridian with the solar, the line thus determined falls on the mark made by the p. m. solar observation. and is the same as was determined by the Polaris observation.

therefore We conclude that the adjustments of the instrument are correct.

The magnetic bearing of the true meridian at 7 a. m. is N. 16°00' W.; the angle thus determined, reduced by the table page 100 gives the mean mag. decl. 15°57' E.

BOOK A-283

Guide Meridian through T. 27 S. between Rs. 6 and 7 W.

Survey Commenced,
November 5th 1900.

And executed with a W. and L. E. Gurley light mountain transit No.- with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other reading to single minute of arc: which is also the least count of the verniers of the latitude and declination arcs. #1

The instrument was examined, tested on the true meridian at Salt Lake City, found correct, and was approved by the Surveyor general for Utah. June 16th 1900.

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

At the cor. of
T. 27 and 28 S., Rs. 6 and 7 W.
Latitude 38°25' N.
Longitude 112°37' W.

Which is a Quartzite stone 8 x 8 x 6 ins. above ground, marked and witnessed as described by the Surveyor General.

de Meridian through T. 27 S., R. 6 and 7 W., continued.

chains	
	From the cor. already described, we run North On Guide Meridian bet. secs. 31 and 36. Ascending through dense sage oak and scattering cedar and pinion.
55.00	Shallow ravine, 50 ft. deep course W. Difference between measurements of 40.00 chs. by two sets of chainmen, is 6 lks.; position of middle point By 1st set, 40.03 chs. By 2nd set. 39.97 chs.; the mean of which is
40.00	set a quartzite stone 1.8 x 12 x 6 ins. 14 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 36 on W. 31 on E. faces, raised a mound of stone 2 ft. base 1½ ft. high W. of Cor. Pits impracticable
46.50	Old wood road bears N. E. and S. W.
46.80	Ravine 150 ft deep course S. W. Diff. between measurements of 80.00 chs., by two sets of chain men, is 10 lks; position of middle point By 1st set 80.05 chs. By 2nd set 79.95 chs. the mean of which is
80.00	set a trachyte stone 12 x 10 x 8 ins. 9 ins. in the ground for Cor. of secs. 25, 30, 31 and 36.

Guide Meridian through T. 27 S., Rs. 6 and 7 W. continued

Chains	
	marked
	with 5 notches on the N. and
	1 notch on the S. edges,
	raised a mound of stone 2 ft.
	base, 1½ ft. high. W. of cor.
	Pits impracticable.
	A cedar 10 ins. in diam. bears
	S. 36° E. 65 lks. dist. marked
	T. 27 S. R. 6 W. S. 31 B.T.
	A cedar 12 ins. in diam.
	bears S. 22° W. 1.04 chs. dist.
	Marked T. 27 S., R. 7 W. S. 36 B.T.
	No other suitable trees
	within limits.
	Land, mountainous
	Soil, stony 4th rate.
	Timber, Cedar and pinion
	Mountainous land and dense
	undergrowth 80.00 chs.
	North
	On Guide Meridian.
	bet. secs. 25 and 30.
	Ascending through dense
	sage and scattering cedar
	and pinion
39.00	ridge 600 ft. above sec
	cor. bears E. and W. descend.
	Diff. bet. measurements
	of 40.00 chs., by two sets of
	chain men is. 8 lks.;
	Position of middle point
	By 1st set 39.96 chs.
	By 2nd set 40.04 chs.; the mean
	of which is
40.00	set a trachyte stone 4 x 10 x 6
	ins. 10 ins. in the ground

de Meridian through T. 27 S., between R. 6 E. and 7 W. Continued.

Chains.	
	for 1/4 sec. cor. marked 1/4 S. 25 on W. " 30 on E. faces, raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable. Descend over ledges bear E. and W.
50.00	Indian Creek, 12 lks. wide pure water flows W. in canon 1500 ft. deep. ascend
51.00	Wagon road bears E. and W.
53.00	Trachyte ledges bear E. and W.
75.00	Ridge, bears E. and W. descend.
	Diff. between measurements of 80.00 chs., by two sets of chainmen is 14 lks.; position of middle point By 1st set 80.07 chs. By 2nd set 79.93 chs.: the mean of which is
80.00	set a trachyte 15 x 10 x 6 ins. 10 ins. in the ground, for cor. of secs. 19, 24, 25 and 30. marked: with 4 notches on the N. and 2 notches on the S. edges. raised a mound of stone 2 ft. base, 1 1/2 ft. high. W. of Cor. Pits impracticable. Land, mountainous Soil, stony 4th rate Timber, scattering cedar and pinion. Mountainous land and dense pinery north. 80.00 chs.

Guide Meridian through T. 27 S., between Rs. 6 and 7 W. Continued

Chains	
	North
	On Guide Meridian
	bet. secs. 19 and 24.
	Descending, through dense
	sage and oakbrush.
22.00	Wagon Road, bears N.E. and S.W.
	Difference between measure-
	ment of 40.00 chs. by two sets
	of chain men is 10 lks.;
	Position of middle point
	By 1st set 39.95 chs.
	By 2nd set 40.05 chs.; the mean
	of which is
40.00	Set a trachyte stone 16 x 10 x 6
	ins. 11 ins. in the ground
	for 1/4 sec. cor. marked 1/4 S.
	24 on W. , 19 on E. faces,
	raised a mound of stone
	2 ft. base, 1 1/2 ft. high W. of cor.
	Pits impracticable.
44.00	Wild Cat Creek 5 lks. wide
	pure water flows W. in
	Cañon 300 ft. deep.
52.00	Ridge, bears E. and W.
67.50	Rabine, 150 ft. deep, course W.
	Diff. bet. 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
80.00	Top of ridge bears E. and W.
	Set a trachyte stone 5 x 9 x 5 ins. 10 ins.
	in the ground for cor. of secs. 13, 18,
	19 and 24. Marked with
	3 notches on the N. and S. edges,
	raised a mound of stone 2 ft.
	base, 1 1/2 ft. high, W. of cor.
	Pits impracticable.

le Meridian through T. 27 S., Rs. 6 and 7 W., continued.

Chains.	
	Land, mountainous
	soil, stony 3rd and 4th rate.
	No timber
	mountainous land and dense
	under growth 80.00 chs.
	Nov. 6th 1900
	At this cor. we set off
	16°01' S. on decl. arc; and
	at noon l. m. t., observe
	the sun on the meridian
	the resulting lat. is 38°2'8" N.
	North
	On Guide meridian
	bet. secs. 13 and 18.
	Descending, through dense
	oak and sage brush.
19.00	Ravine, 150 ft. deep
	course W.
24.00	Ridge, bears E. and W.
38.00	Ravine, 150 ft deep.
	course W.
	Diff. bet. measurements of 40.00 chs. by two sets of chainmen is 8 lks. position of middle point
	By 1st set 39.96 chs.
	By 2nd set 40.04 chs. the mean of which is.
40.00	set a trachyte stone 16 x 10 x 8 ins. 11 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 13 on W., 18 on E. faces, raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable.

Guide Meridian through T. 21 S., through R. 6 E. and W. continued

Chains	
51.00	Ridge, bears E. and W.
	Diff. bet. measurements of 80.00 chs. by two sets of chainmen is 14 lks. position of middle point
	By 1st set 79.93 chs.
	By 2nd set 80.07 chs.; the mean of which is
80.00	Set a trachyte stone 8 x 10 x 8 ins. in mound of earth and stone for Cor. of secs. 7, 12, 13 and 18.
	Marked
	with 4 notches on the S. and 2 notches on the N. edges. raised a mound of stone 2 ft. base, 1½ ft. high W. of cor.
	Pits impracticable
	Land, mountainous
	soil stony, 3rd and 4th rate.
	No timber,
	Mountainous land and dense undergrowth, 80.00 chs.
	North
	On Guide Meridian
	bet. secs. 7 and 12
	Ascending, through dense oak and sage brush.
10.00	Ravine 600 ft. deep
	Course W.
	Difference bet. measurement of 80.00 chs. by two set of chain-men is 10 lks. position of middle point
	By 1st set 39.95 chs.
	By 2nd set 40.05 chs. the mean of which is

Meridian through T. 27 S., between Rs. 6 and 7 W. continued.

Chains	
40.00	Set a trachyte stone 16 x 8 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 12 on W. 7 on E. faces, raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.
	Pits impracticable.
44.00	Ridge, bears E. and W.
65.00	Ravine 300 ft. deep. drains W.
	Difference bet. 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
80.00	Set a trachyte stone 14 x 12 x 6 ins. 10 ins. in the ground, for cor. of secs. 1, 6, 7 and 12 marked with 5 notches on South and 1 notch on N. edges, raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.
	Pits impracticable.
	Land, mountainous
	Soil, stony 3rd and 4th rate
	No timber
	Mountainous land and dense undergrowth 80.00 chs.
	North
	On Guide meridian bet. secs. 1 and 6.
	Ascending through dense oak and artimesa over rolling land.
12.50	Spur, projects W.

Guide Meridian through T. 27 S., between Rs. 6 and 7 W. continued.

Chains	
22.50	Dry run, drains, W.
32.00	Spur projects N.W.
	Difference bet. measurements of 40.00 chs. by two sets of chainmen is 12 lks. position of middle point
	By 1st set 39.94 chs.
	By 2nd set 40.06 chs. the mean of which is
40.00	Set a trachyte stone 12×10×10 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 10 N. W. 6 on E. faces, raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.
	Pits impracticable.
42.50	Ravine, 200 ft. deep, course W.
51.00	Spur projects W.
61.00	Ravine, drains W.
71.50	Saddle on ridge
	Ridge bears E. and W.
	Difference bet. measurements of 80.00 chs. by two sets of chainmen is 10 lks. position of middle point
	By 1st set 80.05 chs.
	By 2nd set 79.95 chs. the mean of which is
80.00	Set temp. cor. for Ts 26 and 27 S., Rs. 6 and 7 W.
85.60	Ravine 150 ft deep course W.
	Difference between measurements of 92.53 chs. is 8 lks. position of middle point
	By 1st set 92.49 chs
	" 2nd " 92.57 chs. the mean of which is.

Guide Meridian through T. 27 S., R. 6 and 7 W. concluded.

Chains.	
92.53	Intersect E. and W. line at the Cor. of T. 26 and 27 S., R. 6 & 7 W. Previously described in notes of South bdy. of T. 26 S., R. 6 W. book Z. Land, mountainous Soil, stony 3rd rate. No timber. Mountainous land and dense undergrowth. 92.53 chs. November 6th 1900

For general discription see book of subdivision

Hubert D. Page
Harry Erwin.
M.S. Deputy Surveyors.

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

Hubert D. Page
M.S. Deputy Surveyor

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PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

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

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

narking the lines and corners described in the foregoing field notes of the survey of .....

.....

nowing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

....., United States Deputy Surveyor, in surveying all

nose parts or portions of the .....

.....

.....

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

..... meridian, ... of ....., which are represented

n the foregoing field notes as having been surveyed by him and under his direction; and that said survey as been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the orner monuments established, according to the instructions furnished by the United States Surveyor

eneral for .....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

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

.....

SEAL

.....

0—151

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Harry Erwin United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob B. Blair United States Surveyor General for Utah, bearing date of the 29th day of November 1899, ~~189~~, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Guide Meridian through T. 27 S. between R. 6 & 7 W.

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

Harry Erwin
United States Deputy Surveyor.

Subscribed by said Harry Erwin, and sworn to before me this 6th day of September 1901, ~~189~~

Edward H. Anderson
U. S. Surveyor General for Utah

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

....., 189

The foregoing field notes of the survey of .....

executed by ..... under his contract No. ....., dated ....., 189 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

.....
United States Surveyor General.

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

.....
United States Surveyor General.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page, and Harry Erwin, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Guide Meridian T. 27 S. & R. 6 & 7 W. of the Salt Lake base and Meridian, in the State of Utah, showing the respective capacities in which they acted:

Harvey D. Hirst, Hubert Price, Chainman.
Otis S. Allen, Newark S. Dawson, Chainman.
Orson M. Allred, Moundman.
, Moundman.
Orson M. Allred, Axman.
, Axman.
Orson Allred, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and Harry Erwin, United States Deputy Surveyor, in surveying all those parts or portions of the Guide Meridian through T. 27 S. Rs. 6 & 7 W. of the S[illegible] of the Salt Lake base and meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by ~~him~~ them and under ~~his~~ their direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Harvey H. Hirst, Hubert Price, Chainman.
Otis S. Allen, Newark S. Dawson, Chainman.
Orson M. Allred, Moundman.
, Moundman.
Orson M. Allred, Axman.
, Axman.
Orson Allred, Flagman.

Subscribed and sworn to before me this 9th day of November, 1900.

SEAL

Hubert D. Page
U.S. Deputy Surveyor.

-151

BOOK A-283

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Hubert D. Page, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Isaac B. Blair, United States Surveyor General for Utah, bearing date of the 24th day of November, 1899, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Guide Meridian through T. 7 S. between Rs. 6 and 7 W.

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

Hubert D. Page,
United States Deputy Surveyor.

Subscribed by said Hubert D. Page, and sworn to before me this 6th day of September 1900 1899

Edward H. Anderson
U. S. Surveyor General for Utah

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, June 3 1902, 189

The foregoing field notes of the survey of the Guide Meridian through T. 7 South between Ranges 6 & 7 West of the Salt Lake Base & Meridian, Utah

executed by Hubert D. Page and Harry Erwin under his contract No. 232, dated November 24, 1899, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Anderson
United States Surveyor General.

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

.....
United States Surveyor General.

6—151

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PAGE

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PAGE

4—679.

Z 10

BOOK A-283

FIELD NOTES

OF THE SURVEY OF THE

East boundary of Township No. 27 South Range No. 6 West

Of the Salt Lake base Meridian,

In the state of Utah.

AS SURVEYED BY

Hubert D. Page and J. Harry Erwin, United States Deputy Surveyors

under ~~his~~ their Contract No. 232, dated November 24th, 1899

Survey commenced June 10th, 1901

Survey completed June 12th, 1901

6—151

E. Bdry high M. Chs. [illegible] 6-12-55 ✓

Dwing — -20 ✓

BOOK A-283

NAMES AND DUTIES OF ASSISTANTS.

Coor J Brind, Harry A. Ragar Chainman
Jay Morrison, William A. Walquist "
Charles C. Scanlan Moundman
Tarnick Hansen "
Charles C. Scanlan Axman
Tarnick Hansen "
Tarnick Hansen Flagman

For preliminary affidavit see book Z6 Tp 265 R7 W.

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BOOK A-283

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.....

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

....., *Chainman.*

....., *Chainman.*

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

SEAL

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

....., *Moundman.*

....., *Moundman.*

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

SEAL

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

....., *Axman.*

....., *Axman.*

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

SEAL

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

....., *Flagman.*

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

SEAL

East bdy. of T. 27 S., R. 6 W.

chains.

June 10th 1901.

On account of the snow in the mountains on the higher portions of this contract

Viz: T. 27 S., R. 5 W.

We cannot proceed with the survey of the said township in the order designated

Therefore to avoid delay and take advantage of the season.

We begin the survey of T. 27 S., R. 6 W.

Survey Commenced June 10th 1901.

and executed with a Wm and L. E. Gurley light mountain transit No. with solar attachment, the horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the vernier of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Salt Lake City and found correct; and was approved by the Surveyor General for Utah May 25th 1901.

We examine the adjustments of the transit and

East bdy. of T. 27 S., R. 6 W., continued

find them correct; then, to test the solar apparatus, by comparing its indications resulting from solar observations, made during a.m. and p.m. hours, with a true meridian determined by Polaris observation.

We proceed as follows:

At the cor. of Tps. 27 and 28 S., Rs. 5 and 6 W.

which is a sand stone 18x10x7 in above ground, firmly set and marked as described by the Surveyor General.

We set off 38°25' N on lat. arc; 23°0' N on decl. arc; and at 4 p.m., l.m.t., determine with the solar a true meridian and mark a point thereof on a stone firmly set in the ground 5 chs. N. of our station.

June 11th

At 2 h. 10 m. a.m. l.m.t. We observe Polaris at eastern elongation, in accordance with manual of instructions, and mark a point in the line thus determined, on a plug driven in the ground 5 chs. N. of our station.

At 6 a.m., l.m.t., We lay off the azimuth of Polaris, 1°34' to the W. the true meridian thus determined falls on the mark made from p.m. solar observation.

East bdy. of T. 27 S. R. 6 W. continued.

At 7 a. m. l. m. t. we set off 38°25' N. on lat. arc; 23°05' N. on decl. arc; and determine a true meridian with the solar, which falls on the mark made from p. m. solar observation, and is identical with the Polaris observation.

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

The magnetic bearing of the true meridian at 7.15 a. m. is N. 16°00' W.; the angle thus determined, reduced by the table, page 100, gives the mean mag. decl. . . . 15°54' E.

From the cor. already described,

We run

North on the E. bdy. of Tp. bet. secs. 31 and 36.

Descending over rolling land, through scattering pine and aspen timber.

6.50 Spring, branch 2 ft. deep 2 lks. wide, in bottom of Cañon 800 ft. deep, course N. W.

Ascend,

21.00 Spur, projects W.

Descend,

40.00 Set a shale rock 12x12x5 ins. 8 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 36 on W. face. From which a pine 14 ins. in diam. bears S. 40° W. 4 lks. dist.

East bdy. of T. 27 S., R. 6 W. continued.

Chains	
	marked 1/4 S. 36 B.T.
	an aspen 2 ins. in diam.
	bears N. 38° E. 43 lks. dist.
	marked 1/4 S. 31 B.T.
68.00	Cañon 1800 ft deep, 2nd
	spring branch 2 lks. wide.
	Course W. heavy timber,
	ascend through dense oak
	brush.
80.00	set a trachyte stone 18 x 8 x 8 ins.
	12 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.
	From which a mahogany 6
	ins. in diam. bears N. 6° E. 47
	lks dist. marked T. 27 S. R. 5 W.
	S. 30. B.T.
	a pine 19 ins. in diam. bears
	N. 83° W. 90 lks. dist. marked
	T. 27 S., R 6 W. S. 25 B.T.
	raised a mound of stone 3 ft.
	base, 1½ ft. high, W. of Cor.
	Pits impracticable.
	No other bearing trees within
	limits
	Land, rolling Mountain
	Soil, stony 3rd/4th rate.
	Timber, pine and Aspen
	Mountainous land 80.00 chs.

Note

On E. bdy. of Tp.

Cor. secs. 25 and 30.

Ascending over rolling land, dense oak brush and scattering Aspen and pine timber

6.00	Spur projects S. W.
15.50	Ravine, 50 ft deep, course S. W.

East bdy. of T. 27 S., R. 6 W.: continued.

Chains.	
37.00	Ravine, 300 ft deep. Course S.E.
40.00	Set a quartzite stone 12×10×5 ins. 8 ins. in the ground for 1/4 sec. cor. Marked 1/4 S. 25 on W. 30 and E. face, raised a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable
71.50	Ridge, 1200 ft above 1/4 sec. cor. bears N.E. and S.W. Along west side of ridge ascend
80.00	set a shall. rock 20×10×8 ins. 15 ins. in the ground for cor. of secs. 19 and 24 25 and 30. Marked with 4 notches on N. and 2 notches on S. edges. (Only two bearing trees within limits.) Found which a pine 7 ins. in diam. bears N. 84° W. 50 lks. dist. Marked T. 27 S., R. 6 W. S. 24 B.T. A pine 10 ins. in diam. bears S. 87° W. 42 lks. dist. Marked T. 27 S., R. 6 W. S. 25 B.T. raised a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable. Land, mountainous Soil, stony. 4th rate. Timber, aspen and pine. Mountainous land
	80.00 chs.

June 11th 1901

At this cor. we set off 23° 05' N. on decl. arc; and at 11h 59m a.m. l. m. t. observe the sun on the meridian, the resulting lat. is. 38° 27' N.

East bdy. of T. 27 S., R. 6 W. continued.

Chains	
	North
	on E. bdy. of Tp.
	bet. secs. 19 and 24.
	Ascending, through dense
	Laural, scattering pine
	and aspen, ones broken
	and rolling land.
32.00	High Mt. ridge 9500 ft. above Sealevel,
	bears N. W. and S. E.
	descend along East side
	of ridge.
40.00	Set a shale rock 10 x 10 x 6 ins
	6 ins. in the ground for 1/4
	sec. cor. Marked 1/4 S. 24
	on W. and 19 E. face, raised a
	mound of stone 2 ft. base
	1 1/2 ft. high. W. of Cor.
	Pits impracticable
80.00	Set a shale rock 10 x 9 x 7 ins.
	6 ins. in the ground for
	Cor. of secs. 13, 18, 19 and 24.
	Marked with 3 notches on
	N. and S. edges, raised a mound
	of stone 2 ft. base, 1 1/2 ft. high
	W. of Cor.
	Pits impracticable.
	This Cor. is 800 ft. below ridge.
	Land, mountainous
	Soil, stony 4th rate.
	Timber, Aspen and Spine.
	Mountainous land and dense
	undergrowth. 8000 chs.
	June 11th 1901
	June 12th 1901.
	At 7 a.m., l.m.t.,
	Ye set off 38°28' N. on lat.
	arc 23°09' N. on decl. arc

East bdy. of T. 27 S., R. 6 W. continued.

Chains.	
	and determine a true meridian with the solar.
	North on E. bdy. of Tp. bet. secs. 13 and 18. Descending over rolling land, through dense lands, scattering pine and aspen timber.
40.00	500 ft. below sec. cor. set a shale rock 11 x 9 x 6 ins. 6 ins in the ground, for 1/4 sec. cor. marked 1/4 S. 13 on W. 18 E. face. raised a mound of stone 2 ft. base, 1½ ft. high. W. of cor. Pits impracticable.
59.00	Ravine 1500 ft. deep. course N. E. ascend.
80.00	Set a shale rock 12 x 9 x 5 ins. 8 ins. 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 stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable. Land, mountainous Soil, shale 4th rate. Timber, pine and aspen. Mountainous land, 80.00 chs.
	North on E. bdy. of Tp. bet. secs. 7 and 12. Ascending over rolling shale ground, through scattering

East bdy. of T. 27 S., R. 6 W. continued.

Chains.	
	aspen and pine timber.
24.00	Ridge 800 ft. high
	bears N.E. and S.W.
40.00	Set a shale rock 14×9×8 ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 12 N. W. 7 N. E. face,
	From which an aspen 2 ins. in diam. bears N. 87° E. 91 lks dist. marked 1/4 S. 7 B.T.
	an aspen 2 ins. in diam. bears S. 64° W. 12 lks. dist. marked 1/4 S. 12 B.T.
50.00	Ravine 600 ft deep. and spring branch 1 lk wide course N.E. ascend leave aspen and pine timber, enter dense laurel
56.00	Spur, projects E.
61.00	Ravine 400 ft deep and spring branch 1 lk wide course E.
70.00	Spur, projects E. descend.
80.00	300 ft. below spur,
	Set a trachyte stone 15×10×8 ins. 10 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 stone 2 ft. base, 1 1/2 ft. high W. of cor. if its impracticable.
	Land, mountainous
	soil, stony. 4th rate
	Timber aspen and pine
	Mountainous land.
	80.00 chs.

East bdy. of T. 27 S., R. 6 W. concluded.

Chains.	
	North
	On E. bdy. of Tp.
	bet. secs. 1 and 6.
	Descending over rolling land
	shale rock, through dense
	laurel, oak brush and fallen
	timber
22.5	Ravine 800 ft. deep and spring branch
	1½ wide course S. E. ascend
23.00	Enter Mahogany timber.
25.00	Ridge, bears N. W. and S. E. descend
	Leave mahogany, enter
	pine and aspen.
40.00	set a trachyte stone 20 x 10 x 3
	ins. 15 ins. in the ground
	for 1/4 sec. cor. marked 1/4 S 1
	on W. 6 on E. face,
	From which an aspen 5 ins. in diam.
	4 bears N. 58° E. 27 lks. dist. marked 1/4 S. 6 B. T.
	a pine, 3 ins. in diam. bears N. 12° W.
	31 lks. dist. marked 1/4 S. 1 B. T.
48.00	Ravine 800 ft. deep. course N. E.
	Leave timber, ascend.
92.55	Intersect N. bdy. of Tp.
	20 lks. E. of the cor. of secs. 32 and 33.
	T. 26 S. R. 5 W. set by U.S. Deputy Surveyor,
	set a trachyte stone 15 x 10 x 8 ins. 10 ins.
	in the ground, for closing cor. to T. 27 S. Rs. 5 and 6 W.
	marked C. C. on S. with 6 grooves
	on S. E. and W. faces, raised a
	mound of stone 2 ft. base, 1½ ft. high S. of cor.
	Pits impracticable.
	Land, mountainous
	Soil, stony 4th rate
	Timber, aspen, pine and mahogany.
	Mountainous land, 92.55 chs.

June 12th 1901.

[illegible]

Latitude, departure, and closing errors.

Endeavored	Observing	Distance	Latitude N.	Latitude S.	Departure E.	Departure W.
[illegible]	E	479.33			479.33	
E "	North	497.55	497.55			
" "	West	478.35				478.35
W "	S	492.53		492.53		
Convergency						57
Totals			492.55	492.53	479.33	478.92
			492.53		478.92	
Error in Lat. and Dep.			02		41	

For general description see subdivisions.

Hubert D. Page
Harry Erwin
U.S. Deputy Surveyors.

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

Hubert D. Page
U.S. Deputy Surveyor

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PAGE

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PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

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

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

.....

showing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

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

.....

.....

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

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

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

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

SEAL

.....

.....

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46-47
Book

BOOK A-283

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Harry Erwin, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob B. Blair United States Surveyor General for Utah, bearing date of the 24th day of November, 1899, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the S. & W. bdys of T. 26 S. R. 7 W. & E. bdy T. 27 S. R. 6 W.

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

Harry Erwin
United States Deputy Surveyor.

Subscribed by said Harry Erwin, and sworn to before me this 11th day of September 1901, 189

Edward P. Anderson
U. S. Surveyor General for Utah

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

, 189

The foregoing field notes of the survey of

executed by

under his contract No. , dated , 189 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

United States Surveyor General.

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

United States Surveyor General.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page and Harry Erwin, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the South and West bdys. of T. 26 S., R. 7 W. and E. bdy. of T. 27 S., R. 6 W. of the Salt Lake Base & Meridian, Utah showing the respective capacities in which they acted:

Ivor J. Brind, Harry A. Rager, Chainman.
Jay Morrison, William O. Halquist, Chainman.
Charles C. Scanlan, Moundman.
Varnick Hansen, Moundman.
Charles C. Scanlan, Axman.
Varnick Hansen, Axman.
Varnick Hansen, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and Harry Erwin, United States Deputy Surveyor, in surveying all those parts or portions of the South and West boundaries of T. 26 S., R. 7 W. and E. bdy. of T. 27 S., R. 6 W.

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

Ivor J. Brind Harry A. Rager, Chainman.
Jay Morrison William O. Halquist, Chainman.
Charles C. Scanlan, Moundman.
Varnick Hansen, Moundman.
Charles C. Scanlan, Axman.
Varnick Hansen, Axman.
Varnick Hansen, Flagman.

Subscribed and sworn to before me this 12th day of June 12, 1901.

SEAL

Hubert D. Page
U.S. Deputy Surveyor.

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Hubert D. Page, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from Jacob B. Blair United States Surveyor General for Utah, bearing date of the 24th day of November, 189 9, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the S. and W. bdys of T. 2 R. 7 W. and E. bdy. of T. 27 S., R. 6 W.

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

Hubert D. Page
United States Deputy Surveyor

Subscribed by said Hubert D. Page, and sworn to before me this 11th day of September 1901, 189

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

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, June 3, 1902, 189

The foregoing field notes of the survey of the East Boundary of Township 27 South Range 6 West of the Salt Lake Base and Meridian, Utah

executed by Hubert D. Page and Harry Erwin under his contract No. 222, dated November 24, 189 7, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward M. Anderson
United States Surveyor General

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

.....
United States Surveyor General

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BOOK A-283

H.3.13.

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

of

Township No. 27 South

Range No. 6 West.

Of the Salt Lake Base and Meridian,

In the State of Utah

AS SURVEYED BY

Hubert D. Page and Harry Erwin, United States Deputy Surveyors

Under ~~his~~ their Contract No. 232, dated November 24th, 1899

Survey commenced June 13th, 1901

Survey completed June 28th, 1901

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M. Chs. Chs.

Sub-Lights 60-54-41 ✓

Drawings 47-58 ✓

BOOK A-283

NAMES AND DUTIES OF ASSISTANTS.

Ivor J. Brind	Chainman
Harry A Rager	"
Jay Morrison	"
William O. Halquist	"
Charles T. Scanlan	Monumental
Varnick Hanson	"
Charles T. Scanlan	Admin
Varnick Hanson	"
Varnick Hanson	Hagerman

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BOOK A-283

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, Fred J. Brind, Harry A Rager, Jay Morrison and William O. Halquist do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will leve chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we measuring, to the best of our skill and ability, and in accordance with instructions given us, in the su Subdivisions of T. 2 S., R. 5 and 6 W. of the Salt Lake base and meridian, state of Utah.

Fred J. Brind, Harry A Rager, Chain
Jay Morrison, William O. Halquist, Chain

Subscribed and sworn to before me this 27th day of May, 1901

SEAL

Hubert D Page, U.S. Deputy Surveyor

WE, Charles C. Scanlan and Varnick Hansen do solemnly swear that we will well and truly perform the duties of moundmen in the establi of corners, according to the instructions given us, to the best of our skill and ability, in the sur Subdivision of T. 2 S., R. 5 and 6 W. of the base and meridian, state of Utah.

Charles C. Scanlan, Mound
Varnick Hansen, Mound

Subscribed and sworn to before me this 27th day of May, 1901

SEAL

Hubert D Page, U.S. Deputy Surve

WE, Charles C. Scanlan and Varnick Hansen do solemnly swear that we will well and truly perform the duties of axmen in the establishment of cc and other duties, according to instructions given us, to the best of our skill and ability, in the sur Subdivision of T. 2 S., R. 5 and 6 W. of the Salt base and meridian, state of Utah.

Charles C. Scanlan, Ax
Varnick Hansen, Ax

Subscribed and sworn to before me this 27th day of May, 1901

SEAL

Hubert D Page, U.S. Deputy Surve

I, Varnick Hansen, do solemnly swear that I will well and perform the duties of flagman according to instructions given me, to the best of my skill and ability, i survey of Subdivision of T. 2 S., R. 5 and 6 W. of the Lake base and meridian, state of Utah.

Varnick Hansen, Flag

Subscribed and sworn to before me this 27th day of May, 1901

SEAL

Hubert D Page, U.S. Deputy Surve

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Subdivision of T. 27 S., R. 6 W.

June 13th 1901.

Note: On account of the snow in the mountains on the higher portions of this contract
Viz: T. 27 S., R. 5 W.
We cannot proceed with the said township in the order designated; therefore, to avoid delay and take advantage of the season, we begin the survey of T. 27 S., R. 6 W.

Survey Commenced.
June 13th 1901
And executed with a W. and L. E. Gurley transit No. —
Described and tested and recorded in book 2[6] of this survey.

At 7 a.m., L.m.t., we set off 38°25' N on lat arc; 23°13' N on decl. arc; and determine a true meridian with the solar at the cor. of secs. 1, 2, 35 and 36 on S. bdy. of T. 27 S. R. 6 W.
which is trachyte stone 10 x 7 x 5 ins. above ground ground, firmly set, and marked as described by the surveyor General.

Thence we run
N. 0°01' W.
bet. secs. 35 and 36.
Descending through scattering pine and aspen timber

Subdivision of T. 27 S., R. 6 W. continued.

Chains	
8.00	Bottom of ravine 1,000 ft deep. course N. W. as ascend.
34.00	Top of ridge bears N. W. and S. E.
40.00	Set a sandstone 14 x 10 x 5 ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 35 on W. 36 on E. face, from which an aspen 6 ins. in diam. bears N. 82° E. 40 lks. dist marked 1/4 S. 36 B. T. An aspen 7 ins. in diam. bears W. 33 lks. dist marked 1/4 S 35 B. T.
45.50	Indian Creek, 10 lks. wide 6 ins. deep. Pure water flows S. W. in bottom of canon 2500 ft deep. ascend
46.00	Canon Road. bears S. W. and N. E.
80.00	Set a sandstone 14 x 12 x 8 ins. 10 ins. in the ground, for cor. of secs. 25, 26, 35 and 36. marked with N. notch on E. and S. edges. From which an aspen 3 ins. in diam. bears N. 60° E. 25 lks. dist. marked T. 27 S., R. 6 W. S. 25 B. T. An aspen 4 ins. in diam. bears S 55° E. 18 lks. dist. marked T. 27 S. R. 6 W. S. 36 B. T. An aspen 2 ins. in diam. bears S. 34° W. 19 lks. dist. marked T. 27 S. R. 6 W. S. 35 B. T. An aspen 3 ins. in diam. bears N. 60° W. 16 lks. dist. marked T. 27 S. R. 6 W. S. 26 B. T. Land, mountainous Soil, stony 4th rate. Timber, aspen and pine Mountainous land 80.00 chs.

Subdivision of T. 27 S., R. 6 W. continued.

Chains	
	East on a random line bet. secs. 25 and 36.
35.70	Set temp. Witness Cor.
80.00	Intersect E. bdy. of Tp. at the cor. of secs 25, 30, 31 and 36.
	Thence We run West on a true line bet. secs. 25 and 36.
	Descend through scattering timber and shale rock.
17.50	Twitchels Reservoir 4 chs. wide leave timber bears N. & S.
40.00	Falls in Reservoir and 1/4 sec. cor. cannot be set.
44.60	Leave Reservoir ascend through heavy aspen
44.30	Set a lime stone 14 x 13 x 6 ins. 10 ins. in the ground, for witnesse cor. to 1/4 sec. cor. marked W.C. 1/4 S. 25 N, 36 N S. face From which an aspen 4 ins. in diam. bears N. 5° E. 15 lks. dist. marked 1/4 S. 25 W.C. B.T. an aspen 5 ins. in diam. bears S. 81° W. 21 lks. dist. marked 1/4 S. 36 W.C. B.T.
71.80	Ridge, bears N. and S. descend.
80.00	The cor. of secs. 25, 26, 35 and 36.
	Land, Mountainous
	Soil, stony 2nd and 4th rate.
	Timber, aspen and pine.
	Mountainous land.
	80.00 chs.

June 13th

At this cor. We set off 23° 13' N on decl. arc; and at 12 M. l. m. t., observe the sun on the meridian, the

Subdivision of T. 27 S., R. 6 W. continued.

Chains	
	resulting lat. is 38°26' N.
	N. 0°01' W.
	bet. secs. 25 and 26
	Ascending, over broken Mountains through scattering aspen and pine timber
18.15	Spur projects E. 600 ft above cor.
40.00	Set a trachyte stone 14×8×6 ins. 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 S. 26 on W. 25 on E. face. raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable a pine 30 ins. in diam. bears N. 70° E. 13 lks dist. marked 1/4 S. 26 B.T.
	No other suitable bearing trees within limits.
54.50	Pine tree 30 ins. in diam. on line, marked with 2 notches on N. and S. sides.
60.00	Enter dense growth of aspen brush, bears E. and W.
80.00	Set a shale rock 14×8×6 ins. 10 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 stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable
	Land, mountainous
	Soil, stony 4th rate.
	Timber, aspen and pine
	Mountainous land and dense undergrowth 80.00 chs.
	East on a random line

Subdivision of T. 27 S. R. 6 W. continued.

Chains.	
	bet. secs. 24 and 25
40.00	set temp. 1/4 sec. cor.
80.02	Intersect the E. bdy. of Tp. 5 lks. N. of the cor. of secs. 19, 24, 25 and 30. set by us.
	Thence W. per run
	N. 89°58' W. on a true line
	bet. secs. 24 and 25.
	Descending, over broken mountains, through dense young growth of aspen brush and scattering pine.
	Shale rock
40.01	set a porphyry rock 12x8x5 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 S 24 on N. 25th S. face raised a mound of stone. 2 ft. base, 1 1/2 ft. high N. of cor.
	Pits impracticable.
	An aspen 3 ins. in diam. bears N. 15° E. 72 lks. dist. marked 1/4 S. 24 B.T.
	No other suitable tree within limits.
50.00	Bottom of canon. 1500 ft. below sec. cor. drains S. ascend.
80.02	The cor. of secs. 23, 24, 25 and 26.
	Land, mountainous
	soil, stony
	Timber, aspen and pine.
	Mountainous land and
	Dense undergrowth.
	80.02 chs.

June 13th 1901

Subdivision of T. 27 S., R. 6 W. continued.

Chains.	
	June 14th 1901. At 7 a.m. f. m. t., I set off 38°27' N. on lat. arc; 23°16' N. on decl. arc; and determine a true meridian with the solar at the cor. of secs. 23, 24, 25 and 26.
	N. 0°01' W.
	bet. secs. 23 and 24.
	Ascending along the E. side of mountain over broken land, through dense aspen brush.
40.00	Set a sand stone 13 x 10 x 4 ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 23 on S. 24 on E. faces, raised a mound of stone 2 ft. base, 1½ ft. high. W. of cor. Pits impracticable.
68.00	Canon, 1500 ft. deep. Course S. E. ascend over broken ledges, sandstone. bear E. and W.
75.00	Top of ledges 1000 ft. above Canon bear E. and W.
80.00	Set a sand stone 16 x 9 x 8 ins. 11 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 stone 2 ft. base, 1½ ft. high. W. of cor. Pits impracticable.
	Land, mountainous
	Soil, stony 4th rate.
	Timber, aspen
	Dense undergrowth and mountainous land
	80.00 chs.

Subdivision of T. 27 S., R. 6 W. continued.

Chains.	
	S. 89°58' E. on a random line bet. secs. 13 and 24
40.00	Set temp. 1/4 sec. cor.
79.96	Intersect E. bdy. of Tp. 5 lks. S. of the cor. of secs. 13, 18, 19 and 24.
	Thence We run West on a true line bet. Secs. 13 and 24.
	Ascending steep slope of ridge, through dense undergrowth.
	and scattering aspen.
39.98	Set a shale rock 14 x 9 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 13. on N. 24 and S. faces raised a mound of stone 2 ft. base, 1 1/2 ft. high. N. of cor. Pits impracticable.
48.11	Top of ridge and mountain 800 ft above sec. cor. bears N. W. and S. E.
	descend.
79.96	The cor. of secs. 13, 14, 23 and 24.
	Land mountainous
	Soil, stony 4th rate.
	Timber, aspen
	Mountainous land and dense undergrowth 79.96 chs.

June 14th 1901.

At this cor. we set off 23°16' N. on decl. arc; and at 12 m. l. m. t., observe the sun on the meridian the resulting lat. is 38°28' N.

Subdivision of T. 27 S., R. 6 W. continu

Chains	
	N. 0°01' W.
	bet. secs. 13 and 14.
	Ascending over rolling
	land, through scattering
	pine and aspen timber.
27.00	Top of mountain 9,500 ft above sea level.
	bears E. and W. descend.
40.00	set a trachyte stone 17×10×7
	ins. 11 ins. in the ground, for
	1/4 sec. cor. marked 1/4 S. 14 on W.
	13 on E. faces. raised a mound
	of stone 2 ft. base, 1 1/2 ft.
	high W. of cor.
	Pits impracticable
80.00	set a trachyte stone 15×9×6
	ins. 10 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 stone 2 ft.
	base, 1 1/2 ft. high W. of cor.
	Pits impracticable.
	Land, mountainous.
	Soil, stony 4th rate.
	Timber, aspen
	Mountainous land.
	80.00 chs.
	East on a random line,
	bet. secs. 12 and 13.
40.00	set temp. 1/4 sec. cor.
79.92	Intersect E. bdy. of Tp. 5 lks. S.
	of the cor. of secs. 7, 12, 13 and 18.
	set by lks.
	Thence of Tpe run
	S. 89°58' W. on a true line
	bet. secs. 12 and 13.
	Ascending, over shale rock,
	through dense undergrowth
	of young aspen and scattering

Subdivision of T. 27 S., R. 6 W. continued.

Chains	
	pine timber.
39.96	Set a trachyte stone 16×9×6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 12 on N 13 S. faces, raised a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
	Pits impracticable
49.00	Top of mountain 1200 ft. above sec. cor. bears N. E. and S. W. descend.
79.92	The cor. of secs 11, 12, 13 and 14. 500 ft below top.
	Land, mountainous.
	Soil, stony. 4th rate
	Timber, aspen and pine.
	Mountainous land, 79.92 chs.
	June 14th 1901.

June 15th 1901.

At 7 a.m. l.m.t. We set off 23°19' N on decl. arc; and 38°28' N on lat. arc and determine a true meridian with the solar, at the cor. of secs 11, 12, 13 and 14.

Thence We run N. 0°01' W. bet. secs. 11 and 12. Along the West side of high mountain, through scattering pine and aspen timber and dense brush.

40.00	Near head of ravine bears N. W. set a trachyte stone 16×8×6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 11 on W. 12 E. faces. From which an aspen 3

Subdivision of T. 27 S., R. 6 W. continued

Chains	
	ins. in diam. bears N 40° E. 10 lks dist. marked 1/4 S. 12 B.T.
	an aspen 3 ins. in diam. bears N. 19° W. 12 lks. dist marked 1/4 S. 11 B.T.
	ascend.
80.00	800 ft. above 1/4 sec. cor.
	set a lime stone 15 x 10 x 6 ins. 10 ins. in the ground for cor. of secs. 1, 2, 11 and 12.
	Marked with 5 notches on the S. and 1 notch on the E. edge.
	From which an aspen 10 ins. in diam. bears N. 71° E. 31 lks. dist. marked T. 27 S., R. 6 W. S. 1 B.T.
	an aspen 5 ins. in diam. bears S. 21° E. 24 lks. dist. marked T. 27 S., R 6 W. S. 12 B.T.
	an aspen 12 ins. in diam. bears S 37° W. 20 lks. dist. marked T. 27 S., R. 6 W. S. 11 B.T.
	an aspen 14 ins. in diam. bears N. 2° W. 20 lks. dist. marked T. 27 S., R. 6 W. S. 2 B.T.
	Land, mountainous
	soil, stony 4th rate.
	Timber pine and aspen.
	Mountainous land 8000 chs.
	N. 89° 58' 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. 4 lks N. of the Cor. of secs. 1, 6, 7 and 12.
	set. by us.
	Thence we run
	West on a true line
	bet. secs. 1 and 12.

Subdivision of T. 27 S., R. 6 W. continued.

Chains.	
	Ascending the E. side of mountain ridge, through dense laurel and dead and fallen timber over shale and slide rock —
28.00	Enter heavy aspen and scattering pine, timber bears N. and S.
40.00	Set a lime stone 14×8×9 ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 1 on N. 12. N. S. faces, From which an aspen 3 ins. in diam bears N 40° E., 15 lks. dist., marked 1/4 S. 1 B.T. an aspen 5 ins. in diam. bears S. 20° W., 15 lks. dist. marked 1/4 S. 12 B.T.
76.00	Top of mountain, 1200 ft. above sec. cor. and ridge bears N. and S. descend.
80.00	The cor. of secs. 1, 2, 11 and 12. Land, mountainous Soil, stony 3rd and 4th rate. Timber, aspen and pine, Mountainous land, dense under-growth and heavily timbered 80.00 chs.
	June 15th 1901 At this cor. we set off 23°19' N on decl. arc. and at 12 n. l. m. t., observe the sun on the meridian, the resulting lat. is. 38°29' N.
	N. 0°01' W. Bet secs 1 and 2. Descending along E. side of mountain, through aspen timber.

Subdivision of T. 27 S., R. 6 W. continued.

chains	
40.00	Set a lime stone 15 x 9 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 2 on W. 1/2 E. faces. From which an aspen 3 ins. in diam. bears E. 7 lks. dist. marked 1/4 S. 1 B.T. [illegible] An aspen 2 ins. in diam. bears S. 40° W. 18 lks. dist. marked 1/4 S. 2 B.T.
92.68	Intersect N. bdy of Tp. 1000 ft below sec. cor. 40 lks E. of the cor. of secs. 31 and 32. T. 26 S., R. 5 W. heretofore described. Set a trachyte stone 14 x 10 x 7 ins. 10 ins. in the ground for Closing cor. to secs. 1 and 2. Marked C.C. on S. with 5 grooves on W. and 1 groove on E. faces. raised a mound of stone 2 ft. base, 1 1/2 ft. high S. of cor. Pits impracticable. An aspen 4 ins. in diam. bears S. 52° E. 85 lks. dist. Marked T. 27 S., R. 6 W. S. 1 B.T. No other suitable bearing trees available. Land, Mountainous. Soil, stony. 4th rate. Timber, aspen. Mountainous land. 92.68 chs.

June 15th 1901.

Subdivision of T. 27 S., R. 6 W. continued.

Chains	
	June 16th 1901. At 7 a.m. l. m. t., W.
	set off 38°25' N. on lat. arc. 23' 22" N. on decl. arc; and determine a true meridian, with the polar at the cor. of secs. 2, 3, 34 and 35 on S. bdy. of Tp.
	Which is a sand stone 12x8x8 ins. above ground, firmly set and marked as described by the Surveyor General.
	N. 0°01' W.
	bet. secs. 34 and 35
	Descending over rolling land, through heavy aspen and scattering pine timber
21.00	Ridge, bears N. W. and S. E.
40.00	set a sand stone 12x10x8 ins. 8 ins. in the ground, for 1/4 sec. cor., marked 1/4 S. 34 on W. 35 and E. faces
	From which an aspen 3 ins. in diam. bears N. 76° E. 18 lks. dist. marked 1/4 S. 35 B. T.
	an aspen 26 ins. in diam. bears S. 1°30' W., 30 lks. dist., marked 1/4 S. 34 B. T.
55.50	Cañon Road.
	bears E. and W.
57.00	Indian Creek 10 lks. wide 8 ins. deep, pure water flows W. in cañon 1200 ft. deep — Leave aspens. ascend
	Enter dense oak and mahogany.
72.00	spur, projects S. W.
75.00	Ravine 150 ft. deep, course S. W.

Subdivision of T. 27 S., R. 6 W. continued.

Chains.	
80.00	set a porphyry stone 16×10×6 ins. 11 ins. in the ground, for cor. of secs. 26, 27, 34 and 35. marked with 1 notch on S. and 2 notches on E. edges raised a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable. A pine 14 ins. in diam. bears S. 79° E. 66 lks. dist. marked T. 27 S. R. 6 W. S. 35 B.T. No other suitable bearing trees available. Land, mountainous soil, stony 3rd rate. Timber, aspen, pine and mahogany. Mountainous land and dense under growth 80.00 chs.
	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 at the cor. of secs. 25, 26, 35 and 36. Thence W. per run W. on a true line. bet. secs. 26 and 35 Descend over broken country scattering aspen and pine timber.
3.00	Dry ravine drains S.
8.00	Point of spur W. projects S.
24.80	Ridge 1000 ft. above sec. cor. bears N. and S. Descend over broken sand stone ledges near N. & S.
32.00	Leave ledges. Dry run S.W. ascend.
40.00	set a shale rock 16×12×6 ins. 11 ins. in the ground, for 1/4 sec.

Subdivision of T. 27 S., R. 62 W. continued.

Chains.	
	Cor. marked 1/4 S. 26 on N. 35 S. faces raised a mound of stone 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
75.50	Spur, projects S. W.
80.00	The cor. of secs. 26, 27, 34 and 35.
	Land, mountainous
	Soil, stony 3rd rate.
	Timber, aspen and pines
	Mountainous land 80.00 chs.
	June 16th 1901. At this cor. I reset off 23°21' N on decl. arc, and at 12.00 l. m. t, observe the sun on the meridian, the resulting lat. is 38°26' N.
	N. 9°01' W.
	Bet. secs. 26 and 27
	Ascend through dense oakbrush and scattering mahoganies.
12.50	Ridge bears E. and W. descend.
20.00	Ravine 400 ft. deep. and spring branch 1 lk. wide. course W. est. ascend,
30.00	Spur, projects W.
40.00	Set a lime stone 24 x 12 x 5 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 27 on W. 26th. faces raised a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.
45.00	Draw, drains S. W.
52.00	Ridge 1000 ft. above sec. cor. bears E. and W., descend through scattering aspen.

Subdivision of T. 27 S., R. 6 W. continued.

Chains	
73.00	Ravine 100 ft deep, course S.W., ascend.
80.00	Set a lime stone 15×10×4 ins. 10 ins. in the ground, for cor. of secs. 22, 23, 26 and 27. Marked with 2 notches on the S. and E. edges, raised a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable. Land, mountainous Soil, stony 4th rate. Timber, scattering aspen. Mountainous land 80.00 chs.
	East on a random line. Bet. secs. 23 and 26.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. and S. line 7 lks. N. of the cor. of secs. 23, 24, 25 and 26. Thence 2pe run N. 89°57' W. on a true line bet. secs. 23 and 26. Ascending, steep slope of mountain through dense young growth of aspen.
40.03	Set a shale rock, 15×10×6 ins. 10 ins. in the ground, for ¼ sec. cor. marked ¼ S. 23 or N. 26 S. faces raised a mound of stone 2 ft. base, 1½ ft. high. N. of cor. Pits impracticable.
44.00	Top and South point of bald mountain 1800 ft above sec. cor. Ridge bears N. and S. descend.

Subdivision of T. 27 S. R. 62 W. continued.

chains	
80.06	The cor. of secs. 22, 23, 26 and 27. Land, Mountainous Soil, stony 4th rate. Timber, aspen Mountainous land, 80.06 chs. June 16th 1901.
	June 17th 1901. At 7 a.m. l.m.t., I set off 38°27' N. on lat. arc; 23°24' N. on decl. arc: and determine a true meridian with the solar, at the cor. of secs. 22 23, 26 and 27. N 0°01' W. bet. secs. 22 and 23 Ascending through dense young aspen brush, over rolling land,
17.00	Ridge 200 ft. above cor. bears E. and W., descend,
40.00	set a lime stone 16 x 9 x 7 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 22 on W. 23 and 26 faces, raised a mound of stone 2 ft. base, 1 1/2 ft. high. W. of cor. Pits impracticable.
45.00	Bottom of Ravine 600 ft. deep, course S. W., ascend.
80.00	set a lime stone 15 x 10 x 9 ins. 10 ins. in the ground, for cor. of secs. 14, 15, 22 and 23. marked with 2 notches on the E. and 3 notches on the S. edges. raised a mound of stone 2 ft. base, 1 1/2 ft. high. W. of cor.

Subdivision of T. 27 S., R. 67 W., continued.

Chains	
	Pits impracticable.
	Land mountainous
	Soil, stony 4th rate.
	Timber, aspen
	Mountainous land, 80.00 chs.
	S. 89°57' E. on a random line.
	bet. secs. 14 and 23.
40.00	set temp. 1/4 sec. cor.
80.08	Intersect N. and S. line 7 lks. S. of
	the cor. of secs. 13, 14, 23 and 24.
	Thence W. pur
	West on a true line
	bet. secs. 14 and 23.
	Descend over broken land,
	scattering aspen and pine
	timber,
4.00	Ravine, near head of
	cañon course S. E.
	Ascend over broken
	land, ledges bear N. and S.
24.00	Leave ledges, and top of
	mountain ridge bears N. E.
	and S. W. descend.
40.04	Set a limestone 14 x 10 x 6 ins.
	10 ins. in the ground, for 1/4
	sec. cor. marked 1/4 S. 14 on N. 23
	N. S. faces, raised a mound of
	stone 2 ft. base, 1 1/2 ft. high
	N. of cor.
	Pits impracticable.
80.08	The cor. of secs. 14, 15, 22 and 23,
	1000 ft. below, Mountain.
	Land, mountainous
	Soil, stony 4th rate
	Timber, scattering
	Mountainous land,
	80.08 chs.

Subdivision of T. 27 S., R. 67 W. continued.

Chains.	
	June 17th At this cor. we set off 23°24' N on decl. arc: and at 12 hom. s.m.t., m.t., observe the sun on the meridian, the resulting latitude is 38°28' N.
	N. 0°, 1' W. bet. secs. 14 and 15. Over rolling land, through scattering aspen and pine timber.
32.00	Ravine, 400 ft deep course S. W., as cend.
40.00	set a lime stone 16 x 10 x 6 ins. 11 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 15 on 2 faces. From which an aspen 3 ins in diam bears N. 20° E. 17 lks. dist. marked 1/4 S. 14 B.T. an aspen 7 ins. in diam. bears N. 16° W. 23 lks. dist. marked 1/4 S. 15 B.T.
72.00	Ridge and mountain 2,500 ft high, bears N. W. and S. E. descend. through heavy pine timber.
80.00	set a trachyte stone 14 x 10 x 6 ins. 10 ins. in the ground for cor. of secs. 10, 11, 14 and 15, marked thus 2 notches on E. and 4 notches on S. edges. From which a pine 12 ins. in diam. bears N. 88° E. 15 lks. dist. marked T. 27 S., R. 67 W. S. 11 B.T. a pine 14 ins. in diam.

Subdivision of T. 27 S., R. 6 W. continued.

Chains	
	bears S. 80° E. 15 lks. dist. marked T. 27 S., R. 6 W., S. 14 B.T.
	A pine 6 ins. in diam. bears S. 89° W. 32 lks. dist. marked T. 27 S., R. 6 W., S. 15 B.T.
	A pine 6 ins. in diam. bears N. 88° W. 33 lks. dist. marked T. 27 S., R. 6 W., S. 10 B.T.
	Land, mountainous,
	Soil, stony 3rd rate.
	Timber, pine and aspen.
	Mountainous 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 4 lks. N. of the cor. of secs. 11, 12, 13 and 14.
	Thence we run N. 39° 58' W. on a true line bet. secs. 11 and 14.
	Descending over broken mountains, through scattering aspen timber.
14.00	Ravine 300 ft deep, course N. W., ascend.
78.00	Spur, projects N.
40.00	Set a lime stone 14 x 10 x 6 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 11 on N. and S. faces,
	From which an aspen 2 ins. in diam. bears N. 4 lks. dist. marked 1/4 S. 11 B.T.
	An Aspen 4 ins. in diam. bears N. 15° E. 10 lks dist. marked 1/4 S. 11 B.T.

Subdivision of T. 27 S., R. 6 W. continued.

chains.	
43.00	Ravine 200 ft deep, course N.E. ascend.
80.00	The cor. of secs. 10, 11, 14 and 15. Land, mountainous soil, stony 4th rate. Timber, aspen mountainous land, 80.00 chs. June 17th 1901.
	June 18th 1901. At 7 a.m., l.m.t., We set off 38°28' N. on lat. arc: 23°26' N. on decl. arc: and determine a true meridian with the solar at the cor. of secs. 10, 11, 14, and 15. N. 0°01' W. bet. secs 10 and 11. Descending through heavy pine timber, over rolling land
35.00	Leave pine timber, bears N.E. and S.W. Enter heavy aspen and scattering pine.
40.00	Set a lime stone 15×10×5 ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 10 on N. 11 on E. faces From which an aspen 6 ins. in diam. bears S. 38° W. 20 lks. dist. marked 1/4 S. 10 B.T. an aspen 6 ins. in diam. bears S. 68° E. 16 lks. dist. marked 1/4 S. 11 B.T.
45.70	Ravine 100 ft deep course N.E. ascend.
55.50	Draw 100 ft deep course E.

Subdivision of T. 27 S., R. 6 W. continued

Chains	
80.00	Set a trachyte stone 12x12x6 ins. 8 ins. in the ground, for cor. of secs. 2, 3, 10 and 11. Marked with 2 notches on E. and 5 notches on S. edges.
	From which an aspen 14 ins. in diam. bears N. 86° E. 33 lks. dist. marked T. 27 S. R. 6 W. S. 2 B.T.
	An aspen 4 ins. in diam. bears S. 31° E. 38 lks. dist. marked T. 27 S. R. 6 W. S. 11 B.T.
	An aspen 5 ins. in diam. bears S. 32° W. 26 lks. dist. marked T. 27. S. R. 6 W., S. 10 B.T.
	An aspen 5 ins. in diam. bears N. 38° 30' W. 42 lks. dist. marked T. 27 S., R. 6 W. S. 3 B.T.
	Land, mountainous
	Soil, stony 4th rate.
	Timber, aspen and pine.
	Mountainous land heavily timbered 80.00 chs.
	S. 89° 58' E. on a random line, bet. secs. 2 and 11.
40.00	Set temp. 1/4 sec. cor.
80.10	Intersect N. and S. line 5 lks. S. of the cor. of secs. 1, 2, 11 and 12. Thence we run West on a true line. bet. secs. 2 and 11.
	Descend over rolling broken Mountains, through heavy aspen and pine timber.
35.00	Shingle Creek. 10 lks. wide 4 ins. deep. Pure water flows N. in Canon 1000 ft deep. ascend.

Subdivision of T. 27 S., R. 6 W. continued.

Chains.	
40.05	set a lime stone 14x8x6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 2 on N. W. S. faces From which an aspen 5 ins. in diam. bears N. 4° W., 7 lks. dist. marked 1/4 S. 2 B.T. an aspen 5 ins. in diam. bears S. 48° W., 15 lks. dist. marked 1/4 S. 11 B.T.
80.10	The cor. of secs. 2, 3, 10 and 11. Land, mountainous. Soil, stony 3rd rate. Timber, aspen and pine. Mountainous land and heavily timbered 80.10 chs.
	June 18th 1901. At this cor. we set off 23°25' N on decl. arc; and at 12h m. l. m. t., observe the sun on the meridian, the resulting lat. is 38°29' N.
	N 0°01' W. Bet. secs. 2 and 3. Ascend through dense aspen and pine timber, rolling land.
40.00	set a sand stone 15x10x8 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 3 on N. 2 N.E. faces From which an aspen 3 ins in diam. bears S. 80° E., 12 lks. dist. marked 1/4 S. 2 B.T. an aspen 4 ins. in diam. bears S. 71° W., 9 lks. dist. marked 1/4 S. 3 B.T.

80

Subdivision of T. 27 S., R. 6 W. continued

Chains	
55.00	Top of mountain and ridge 3500 ft high bears E and W. descend.
81.00	Bottom of canon 600 ft deep. drains N. E. Leave heavy timber ascend through scattering timber.
92.80	Intersect N. bdy. of Tp. 12.05 chs. E. of the cor. of Tp. 26 S. Rs. 5 and 6 W. Set by us heretofore described. Set a sand stone 14×13×6 ins. 9 ins. in the ground for closing cor. to secs. 2 and 3. marked C.C. on S. with 2 grooves on the E. and 4 grooves on W. faces, raised a mound of stone 2 ft. base, 1½ ft. high S. of cor. Pits impracticable Land mountainous Soil, stony 3rd and 4th rate. Timber, aspen and pine. Mountainous land 92.80 chs. June 18th 1901.

June 19th 1901

At 7 a. m., l. m. t., the set off 38°25' N. on lat. arc 23°27' N. on decl. arc; and determine a true meridian with the solar at the cor. of secs 3, 4, 33 and 34 on S. bdy. of Tp. which is a trachyte stone 10×9×6 ins. above ground marked as described by the Surveyor General.

Subdivision of T. 27 S., R. 6 W. continued.

Chains.	
	N. 0°02' W.
	bet. secs. 33 and 34
	Descending over rolling land
	through scattering pine and aspen
40.00	set a sand stone 15 x 10 x 3 ins. 10
	ins. in the ground for 1/4 sec.
	cor. marked 1/4 S. 33 on W. 34 on E.
	faces from which a pine
	8 ins. in diam. bears N. 60° E.
	41 lks. dist. marked 1/4 S. 34 B.T.
	a pine 6 ins. in diam. bears
	S. 25° W. 20 lks. dist. marked
	1/4 S. 33 B.T. 1/4 sec. cor. is 800
	ft. below sec. cor. and about
	2 chs. W. of bottom of canon
	course N. 10° E.
48.50	Spur. projects E.
53.00	Drain 50 ft. deep course E.
55.00	Spur, projects, E.
80.00	1500 ft. below sec. cor.
	set a sand stone 16 x 10 x 8 ins. 11
	ins. in the ground for cor. of
	secs. 27, 28, 33 and 34. marked with
	3 notches on the E. and 1 notch
	on S. edges, raised a mound
	of stone 2 ft. base, 1 1/2 ft. high
	W. of cor. Pits impracticable
	Sand, mountainous
	soil, stony 3rd rate.
	Timber, pine and aspen
	mountainous land, 80.00 chs

	Cast on a random line
	bet. secs. 27 and 34
40.00	set temp. 1/4 sec. cor.
80.00	Intersect N. and S. line at the
	cor. of secs. 26, 27, 34 and 35.

Subdivision of T. 27 S., R. 6 W. continued

Chains	
	Thence We run West on a true line bet. secs. 27 and 34. Descending over rolling land through dense artinusa and oak brush
11.00	Ravine 150 ft deep, course S. W.
40.00	set a trachyte stone 12 x 8 x 6 ins. 8 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 27 on N. 34 W. faces raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor. Pits impracticable.
72.50	Wagon road, bears N. W. and S. E.
76.50	Indian creek, 10 lks. wide 6 ins. deep. pure water flows N. W. in Canon 2,000 ft deep. ascend
80.00	1000 ft below Cor. of secs 26, 27, 33 and 34 The cor. of secs, 27, 28, 33 and 34. Land, mountainous. Soil, stony 11th rate. No timber Mountainous land, 8000 cts.
	June 19th 1901 At this Cor. We set off 23°26' N on decl. arc; and at 12 h m. l. m. t., observe the sun on the meridian the resulting lat. is 38°26' N.
	N. 0°02' W. bet secs. 27 and 28, Descend over rolling land, through scattering pine, aspen and dense brush.
2.20	Indian creek 10 lks wide 6 ins

Subdivision of T. 27 S., R. 6 W. continued.

Chains	
	deep. pure water flows N. W. in Cañon 200 ft deep. Ascend.
3.35	Canon road bears N. W. and S. E.
31.00	Ridge 800 ft above cor. bears N. E. and S. W. descend
40.00	set a shale rock 14 x 8 x 5 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 28 on W. 27 and E. faces
	From which a balsome 12 ins. in diam. bears S. 55° E. 20 lks. dist. marked 1/4 S. 27 B.T.
	a balsome 10 ins. in diam. bears N. 30° W. 12 lks. dist. marked 1/4 S. 28 B.T.
115.00	Pitchel Creek, 3 lks. wide, 3 ins. deep in cañon 1200 ft deep. Course S. W. ascend through scattering mahogany timber.
80.00	set a trachyte 16 x 10 x 5 ins. 11 ins. in the ground, for cor. of secs. 21, 22, 27 and 28. marked with 3 notches on the E. and 2 notches on S. edges.
	From which a mahogany 4 ins. in diam. bears N. 54° E. 30 lks dist. marked T. 27 S. R. 6 W. S. 22 B.T.
	a mahogany 6 ins. in diam. bears S. 40° E. 27 lks. dist. marked T. 27 S., R. 6 W. S. 27 B.T.
	a mahogany 2 ins. in diam. bears S. 65° W. 20 lks dist. marked T. 27 S., R. 6 W. S. 28 B.T.
	a mahogany 2 ins. in diam. bears N. 25° W. 12 lks. dist. marked T. 27 S. R. 6 W. S. 21 B.T.
	Cor. is 1200 ft above creek.

Subdivision of D. 27 S. R. 67 W. cont.

Chains	
	Land, mountainous Soil, stony 3rd rate Timber, pine, aspen & mahogany Mountainous land 80.00 chs.
	East on a random line bet. secs. 22 & 27.
11.00	set temp. ¼ sec. cor.
80.02	Intersect N. & S. line at the cor. of secs. 22, 23, 26 & 27 Thence Nepeur West on a true line bet. secs. 22 & 27. Descending over rolling land through dense underbrush and scattering aspen & pine timber.
40.01	set a sandstone 16 x 9 x 5 ins. 11 ins. in the ground for ¼ sec. cor. marked ¼ S. 22 on N. 27 & S. faces raised a mound of stone 2 ft. base 1½ ft. high. N. of cor. Pits impracticable.
61.00	Twitchell Creek, 3 lks. wide 2 ins. deep. flows S. 35 W. in Canon 200 ft. deep. Leave pine timber Ascend through dense brush Mansinita, oak & sage brush, and scattering mahogany.
80.02	The cor. of secs. 21, 22, 27 & 28. Land, mountainous Soil, stony 3rd rate Timber aspen pine & mahogany. Mountainous land. 80.02 chs.

June 19th 1901

Subdivision of T. 27 S., R. 6 W. continued

Chains	
	June 20th, 1901. At 7 a.m. we set off 38°27' N. on lat. arc; 23°28' N. on decl. arc; and determine a true meridian with the solar at the cor. of secs. 21, 22, 27 and 28. N. 0°02' W. bet. secs. 21 and 22. Ascending through dense oak and sage brush, and scattering mahogany.
40.00	set a trachyte stone 18 x 8 x 5 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 21 on W. 22 on E. faces. raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable.
57.00	Spur of ridge and mountain projects E. 1000 ft. above sec. cor.
80.00	In head of ravine. set a trachyte stone 17 x 10 x 6 ins. 11 ins. in the ground for cor. of secs. 15, 16, 21 and 22. marked with 27 S on N. E. 6 W. on S. E. faces, with 3 notches on S. and E. edges. raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable. Land, mountainous soil, stony 3rd rate Timber, mahogany. Mountainous land, 80.00 chs.
	East on a random line bet. secs. 15 and 22.
40.00	set temp. 1/4 sec. cor.

Subdivision of T. 27 S. R. 6 W. continued

Chains	
80.03	Intersect N. and S. line 5 lks. S. of the cor. of secs. 14, 15, 22 and 23. Thence we run S. 89°58' W. on a true line bet. secs. 15 and 22. Descend over rolling land through dense sarvis berry and oakbrush scattering aspen pine and mahogany.
79.00	Twitchel creek, 3 lks wide flows S. W. in cañon 2000 ft. deep. 1000 ft below sec. cor. ascend.
40.01½	set a trachyte stone 18 x 10 x 8 ins 12 ins in the ground, for 1/4 sec. cor. marked 1/4 S. 15 on N. 22 S. faces. From which an aspen 8 ins. in diam. bears S. 40° W. 3 lks. marked 1/4 S. 22 B.T. A pine 10 ins. in diam. bears N. 75° W. 10 lks. dist. marked 1/4 S. 15 B.T.
50.00	Top of ridge 1500 ft above creek, bears N. W. and S. E. descend.
80.03	The cor. of secs. 15, 16, 21 and 22. 600 ft below ridge. Land, mountainous soil, stony 3rd rate. Timber, aspen, pine and mahogany. Mountainous land
	80.03 chs.

June 20th

At this cor. we set off 73°27' N on decl. arc, and at 12 h. m. p. m. l. m. t., observe the sun on the meridian the resulting Lat. is 38°28' N.

Subdivision of T. 27 S., R. 6 W. continued.

Chains.	
	N. 00° 02' W.
	bet. secs. 15 and 16.
	Ascending over rolling land, through dense oak, sawisberry brush and Latimesa.
16.50	Top of mountain and ridge, 600 ft above sec. cor. bears E. and W. descend through heavy aspen timber.
40.00	An aspen tree 8 ins. in diam for 1/4 sec. cor. bet secs. 15 and 16 mark 1/4 S 16 on W. 15 on E sides. From witness an aspen 6 ins. in diam bears S. 30° W. 7 lks. dist. marked 1/4 S. 16 B.T. An aspen 8 ins. in diam. bears S 45° E. 15 lks. dist. marked 1/4 S. 15 B.T.
67.00	Spring branch, 2 lks wide in ravine 200 ft deep. course W. ascend.
71.00	Spur, projects W. descend.
75.00	Wild Cat Creek 4 lks wide pure water flows W. in canon 150 ft deep. ascend. heavy timber bears E & W.
80.00	Set a trachyte stone 16 x 10 x 8 ins. 11 ins. in the ground for cor. of secs. 9, 10, 15 and 16 marked with 3 notches on E. and 4 notches on S. edges. raised a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable. Land, mountainous soil, loam and stony 2nd and 3rd rate. Timber, aspen. Mountainous land, 80.00 chs.

Subdivision of T. 27 S., R. 6 W. continued

Chains	
	N. 89°58' E. on a random line bet. secs. 10 and 15.
40.00	set temp. 1/4 sec. cor.
80.02	Intersect N and S. line 2 lks N. of the cor. of secs. 10, 11, 14 and 15.
	Thence Yerun
	S. 89°59' W. on a true line bet. secs 10 and 15.
	Ascend over rolling land, through heavy pine and aspen timber.
6.00	Top of ridge and mountain N.S.
	Descend
40.01	set a lime stone 14 x 8 x 5 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 10 on N 15 on S. faces.
	From which an aspen 4 ins. in diam. bears S. 39 lks. marked 1/4 S. 15 B.T.
	an aspen 5 ins. in diam. bears N 10° E 39 lks. dist. marked 1/4 S. 10 B.T.
58.00	Wild Cat Creek, 3 lks wide 3 ins deep in cañon 400 ft deep 1500 ft below ridge,
	Course S. W.
	Leave timber enter dense oak brush
80.02	The cor. of secs. 9, 10, 15 and 16.
	Land, mountainous
	Soil, stony 3rd rate
	Timber, pine and aspen
	mountainous land.
	80.02 chs.

June 20th 1901

Subdivision of T. 27 S., R. 6 W. continued.

Chains.	
	June 21st 1901
	At 7 a. m. l. m. t. We set off 38°29' N. on lat. arc; 23°28' N. on decl. arc, and determine a true meridian with the solar at the cor. of secs. 9, 10, 15 and 16.
	N. 0°02' W.
	bet. secs. 9 and 10.
	Ascending over rolling land, through dense, oak, sage and Sarvis berry brush —
8.00	Ridge bears N. E. and S. W.
32.00	Enter heavy aspen bears E. & W.
38.00	Leave heavy aspen bears E. & W.
40.00	Set a sand stone 18 x 8 x 8 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 9 on W. 10 N. E. faces. From which an aspen 5 ins. in diam. bears S. 2°30' W. 2.81 chs. dist. marked 1/4 S. 9 B. T. an aspen 4 ins. in diam. bears S. 0°30' E. 2.77 chs. dist. marked 1/4 S. 10 B. T.
57.00	Top of mountain and ridge 600 ft above sec. cor. bears E. and W. descend, through heavy aspen timber.
80.00	Set a trachyte stone 18 x 10 x 6 ins. 12 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. From which an aspen 6 ins. in diam. bears N. 36° E. 18 lks. dist. marked T. 27 S. R. 6 W. S. 3 B. T. an aspen 5 ins. in diam. bears S. 51° E. 3 lks. dist. marked T. 27 S.

Subdivision of T. 27 S. R. 6 W. continued

Chains	
	R. 6 W. S. 10 B.T.
	An aspen 6 ins. in diam. bears
	S. 53° W. 9 lks. dist. marked T. 27 S.
	R. 6 W. S. 9. B.T.
	An aspen 6 ins. in diam. bears
	N. 50° W. 9 lks. dist. marked T. 27 S.
	R. 6 W. S. 4 B.T.
	Land, mountainous
	Soil, stony 3rd rate.
	Timber, aspen
	Mountainous land, 80.00 chs.
	N. 89° 59' E. on a random line
	bet. secs. 3 and 10.
40.00	Set temp. 1/4 sec. cor.
80.08	Intersect N. and S. line 3 lks.
	N. of the cor. of secs. 2, 3, 10 and 11.
	Thence we run
	West on a true line
	bet. secs. 3 and 10.
	Ascending over rolling land,
	through heavy pine and aspen
	timber.
22.00	Top of mountain and ridge.
	bears N. and S. descend.
40.04	Set a trachyte stone 15 x 10 x 5
	ins. 10 ins. in the ground,
	for 1/4 sec. cor. Marked 1/4 S. 3
	on N. 10 on S. faces.
	From which an aspen 4 ins.
	in diam. bears N. 16 lks.
	dist. marked 1/4 S. 3 B.T.
	An aspen 3 ins. in diam.
	bears S. 22° E. 16 lks. dist.
	marked 1/4 S. 10 B.T.
80.08	800 ft. below ridge.
	The cor. of secs. 3, 4, 9 and 10.

Subdivision of T. 27 S., R. 6 W. continued.

Chains	
	Land, mountainous. Soil, stony 3rd rate. Timber, aspen and pine. Mountainous land. 80.08 chs.
	June 21st 1901. At this cor. we set off 23°27' N on dec. arc; and at 12h m. l. m. t. observe the sun on the meridian the resulting lat. is 38°29' N.
	N. 0°02' W. Bet. secs. 3 and 4. Descending through heavy aspen timber over rolling land.
8.50	Ravine 500 ft deep Course W. leave aspen ascend.
25.00	Spur Ridge bears E. and W. Descend.
38.50	Spring branch 1 lk wide course N. W.
40.00	Set a sand stone 14 x 10 x 7 ins. 10 ins. in the ground for 1/4 sec. cor; marked 1/4 S. 4 on W. 3 on E. faces raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable.
41.50	Pine Creek, 2 lks. wide 4 ins. deep. in cañon 800 ft deep. Course N. W. ascend through dense oak and sage brush.
92.71	Intersect N. bdy. of Tp. 11.80 chs E of the cor. of secs. 33 and 34 T. 26 S. R. 6 W. heretofore described

Subdivision of T. 27 S. R. 6 W. continued

Chains	
	1000 ft above creek
	set a trachyte stone 16 x 9 x 7 ins. 11 ins. in the ground for closing cor. to sec. 3 and 4.
	marked C.C. on S. with 3 grooves on E. and W. faces, raised a mound of stone 2 ft. base 1½ ft. high S. of cor.
	Pits impracticable
	Land, mountainous
	Soil, stony 3rd rate.
	Timber aspen
	Mountainous land.
	92.71 chs.
	June 21st 1901.
	June 22nd 1901.
	At 7 a.m. l.m.t.
	We set off 38°25' N. on lat. arc. 23°28' N. on decl. arc; and determine a true meridian with the solar at the cor. of secs 4, 5, 32 and 33.
	On S. bdy of Tp. which is a trachyte stone 12 x 6 x 6 ins. above ground, marked as described by Surveyor General.
	N 0°03' W. bet. secs 32 and 33.
	Ascend over rolling land, through dense oak, sawis berry and sage brush.
3.00	Ridge, bears E. and W.
	descend.
40.00	set a lime stone 18 x 6 x 6 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 32 on W. 33 and 6 faces, raised a mound of stone 2 ft. base, 1½ ft. high W. of cor.
	Pits impracticable 800 ft below ridge
72.50	Wood road
	bears N.E. and S.W.
80.00	set a lime stone 15 x 10 x 6 ins

Subdivision of T. 27 S., R. 6 W. continued.

Chains.	
	10 ins. in the ground, for cor. of secs. 28, 29, 32 & 33, marked with 4 notches on the E. and 1 notch on the S. edges, raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land, mountainous
	Soil, stony 3rd rate
	No timber
	Mountainous land, 80.00 chs.
	East on a random line bet. secs. 28 & 33.
40.00	set temp. ¼ sec. cor.
80.06	Intersect N. & S. line 3 lks. S. of the cor. of secs. 27, 28, 33 & 34.
	Thence we run
	S. 89°59' W. on a true line bet. secs. 28 & 33
	Ascending over rolling land, through dense oak brush.
23.00	Spur, projects N.
29.00	Ravine 40 ft deep course N. ascend
33.00	Spur, projects N.
40.03	set a limestone 18 x 8 x 6 ins. 12 ins. in the ground, for ¼ sec. cor. marked ¼ S. 28 on N. 33 & S. faces.
	From which an aspen 7 ins. in diam. bears N. 65° E. 30 lks. dist. marked ¼ S. 28 B. T.
	A pine 6 ins in diam. bears S. 50° W. 15 lks. dist. marked ¼ S. 32 B. T.
46.00	Ravine 20 ft deep course N. ascend

Subdivision of T. 2 S. R. 6 W. contin

Chains	
65.00	spur projects N. W. descend
78.50	Ravine 600 ft deep. and spring branch 1 lk. wide. course N.
79.00	Wood road bears N. and S.
80.06	The cor. of secs. 28, 29, 32 and 33. Land, mountainous soil, stony 3rd rate. No timber Mountainious land 80.06 chs
	July 22nd At this cor. We set off 23°27' N. on decl. arc: and at 12h 2m l. m. t., observe the sun on the meridian the resulting lat. is 38°26' N.
	N. 0°03' W. bet. secs. 28 and 29. Ascending over rolling land through dense artimesa and oak brush
15.00	Spur projects E. descend.
28.00	Indian Creek 10 lks. wide 10 ins deep. pure water flows W. in Cañon 1500 ft deep. ascend.
29.00	Cañon Road. bears E. and W.
40.00	Set a sandstone 14 x 12 x 10 ins 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 29 on W. 28 N. E. faces raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable.

Subdivision of T. 27 S., R. 6 W. continued.

Chains	
72.00	Spur, projects S.W. descend.
80.00	set a shale rock 24 x 12 x 3 ins. 18 ins. in the ground and mound of stone for cor. of secs. 20, 21, 28 and 29. marked with 4 notches on the E. and 2 notches on S. edges, raised a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable. Land, mountainous Soil, stony 3rd rate. No timber mountainous land 80.00 Chs.
	N. 89°59' E., on a random line bet. secs. 21 and 28.
40.00	set temp. 1/4 sec. cor.
80.04	Intersect N. and S. line 5 lks. N. of the cor. of secs. 21, 22, 27 and 28. Thence we run N. 89°59' W. on a true line bet. secs. 21 and 28. Ascending over rolling land dense sawisberry and scattering mahogany
52.00	Ridge, 600 ft above cor. bears N. 60° E. descend.
40.02	set a trachyte stone 16 x 10 x 4 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 21 on N. 28 S. faces raised a mound of stone 2 ft. base, 1½ ft. high N. of cor. Pits impracticable.
53.00	Cañon 1300 ft deep. courses ascend.

Subdivision of T. 27 S. R. 6 W. continued

Chains	
73.50	Top of mountain ridge bears N. and S. descend
80.04	The cor. of secs. 20, 21, 28 and 29.
	Land, mountainous
	Soil, stony 3rd rate,
	no timber.
	mountainous land 80.04 chs.
	June 22nd 1901.

June 23rd 1901.
At 7 a.m. l.m.t. I set off 38°27' N. on lat. arc; 23°28' N. on decl. arc; and determined a true meridian with the solar, at the cor. of secs. 20, 21, 28 and 29.
N. 0°03' W.
Det. secs. 20 and 21,
Over rolling land, through dense oak brush.

27.00	Ravine.
	100 ft deep course W.
37.00	Spur projects W.
40.00	Set a sand stone 14x12x4 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 20 on W. face, raised a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.
46.00	Ravine 300 ft. deep.
	Course W.
65.00	Spur projects W.
78.00	Enter heavy pine timber
	bears E. and W.
80.00	Set a lime stone 14x8x6 ins. 10 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, marked with 4 notches on the E. and

Subdivision of T. 27 S., R. 6 W. continued.

Chains	
	3 notches on the S. edges. From which a pine 6 ins. in diam. bears N. 4° E. 10 lbs. dist. marked T. 27 S., R. 6 W. S. 16 B.T. A pine 12 ins. in diam. bears S. 2° E. 5 lbs. dist. marked T. 27 S. R. 6 W. S. 21 B.T. A pine 3 ins. in diam. bears S. 15° W. 6 lbs. dist. marked T. 27 S., R. 6 W. S. 20 B.T. A pine 5 ins. in diam. bears N. 46° W. 37 lbs. dist. marked T. 27 S. R. 6 W. S. 17 B.T. Land, mountainous Soil, stony 3rd rate. Timber, pine Mountainous land, 80.00 chs.
	S. 89° 59' E. on a random line bet. secs. 16 and 21.
40.00	set temp. 1/4 sec. cor.
80.06	Intersect N. and S. line 5 lks. N. of the cor. of secs. 15, 16, 21 and 22. Thence W. run N. 89° 57' W. on a true line bet. secs. 16 and 21. Ascend over rolling land through dense oakbrush —
40.0	Ridge, bears N. and S. descend.
7.00	Enter heavy aspen timber bears N. and S.
39.50	Ravine 100 ft deep 500 ft below ridge, course N. W.
40.03	a pine tree 24 ins. in diam. marked 1/4 S. 16 on N. 21 on S. sides. From which a pine 24 ins. in diam. bears N. 62° E. 15 lbs. dist. marked

Subdivision of T. 27 S., R. 6 W. continued.

Chains	
	1/4 S. 16 B. T.
	A pine 6 ins. in diam. bears S. 75° E. 45 lks. marked 1/4 S. 21 B. T.
44.00	Leave pine timber. bears N & S.
51.00	Spur, projects N. descend.
80.06	The cor. of secs. 16, 17, 20 and 21.
	800 ft below ridge.
	Land, Mountainous
	Soil, Stony 3rd rate.
	Timber, Aspen and Spine.
	Mountainous land, 80.06 chs.
	July 23rd
	At this cor. We set off 23°27' N on decl. arc. and at 12h m. m. l. m. t. observed the sun on the meridian the resulting lat. is 38°28' N.
	N. 0°03' W.
	bet. secs. 16 and 17.
	Descending over rolling land, through heavy pine timber.
12.00	Wild Cat Creek 5 lks. wide 6 ins. deep. pure water flows W. in Cañon 1000 ft deep.
	Leave timber
	Enter dense oak and artimesa.
31.00	Wagon road,
	bears N. E. and S. W.
40.00	set a trachyte stone 15 x 10 x 6 ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 17 on W. 16 on E. faces. raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable
80.00	on ridge, bears N. E. and S. W.
	set a trachyte stone 16 x 10 x 5 ins

Subdivision of T. 27 S., R. 6 W. continued.

chains.	
	11 ins. in the ground, for cor. of secs. 8, 9, 16 and 17. marked with 4 notches on the S. and E. edges. raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable. Land, mountainous Soil, stony 3rd rate. Timber, pine. Mountainous land 80.00 chs.
	S. 89°57' E. on a random line. bet. secs. 9 and 16.
40.00	set temp. ¼ sec. cor.
80.10	Intersect N. and S. line 12 lks. S. of cor. of secs. 9, 10, 15 and 16. Thence we run S. 89°58' W. on a true line. bet. secs. 9 and 16. Ascend through dense oak brush over rolling land.
6.00	Spur, ridge bears S. W. and N. E. descend.
25.00	Ravine 400 ft deep course S. W. ascend.
40.05	set a trachyte stone 15 x 9 x 5 ins. 10 ins. in the ground for ¼ sec. cor. marked ¼ S. 9 N. 16 on S. faces raised a mound of stone 2 ft. base, 1½ ft. high N. of cor. Pits impracticable.
57.00	Ridge bears N. and S. descend
72.00	Ravine 200 ft. deep course S. ascend
80.10	The cor. of secs. 8, 9, 16 and 17. Land, mountainous Soil stony 3rd rate. No timber

Subdivision of T. 27 S. R. 6 W. continued

Chains	
	Mountainous land and dense undergrowth 80.00 chs.
	June 23rd 1901.
	June 24th 1901. At 7 a.m. l.m. to W. set off 38°29' N. on lat. arc, 23°27' N. on decl. arc; and determine a true meridian with the polar, at the cor. of secs. 8, 9, 16 and 17.
	N. 0°03' W.
	bet. secs. 8 and 9.
	Ascending W. side of ridge, through dense oak and scattering mahogany.
35.00	Mountain and ridge 800. ft above cor.
	bears N. W. and S. E. descend.
40.00	set a trachyte stone 15 x 10 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 8, on W. faces, raised a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.
57.00	Ravine 500 ft deep.
	course N. W., ascend.
80.00	set a trachyte stone 14 x 11 x 6 ins. 9 ins. in the ground, for cor. of secs. 4, 5, 8 and 9. marked with 4 notches on E. and 5 notches on S. edges raised a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.
	Land, mountainous soil stony. 3rd rate
	no timber.

Subdivision of T. 27 S., R. 6 W. continued.

Chains.	
	Mountainous land. 80.00 chs.
	N. 89°58' E. on a random line. bet. secs. 4 and 9.
40.00	set temp. 1/4 sec. cor.
80.06	Intersect N. and S. line 3 lks. N. of the cor. of secs. 3, 4, 9 and 10. Thence I pace run S. 89°59' W. on a true line bet. secs. 4 and 9. Descend through heavy aspen, over rolling land.
8.00	Enter scattering pine timber, bears N. & S.
38.00	Spring branch 1 lk. wide flows N. in Cañon 800 ft. deep. ascend.
40.03	set a trachyte stone 15 x 10 x 8 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 4 on N. & W. faces. From which an aspen 5 ins. in diam. bears N. 37° W. 12 lks. dist. marked 1/4 S. 4 B.T. an aspen 4 ins. in diam. bears S. 14° W. 9 lks. dist. marked 1/4 S. 9 B.T.
65.00	Top of ridge, bears N. W. and S. E. Leave timber descend.
80.06	The cor. of secs. 4, 5, 8 and 9 Land, mountainous soil, stony 3rd rate Timber, pine and aspen Mountainous land. 80.06 chs.

Subdivision of T. 27 S., R. 6 W. continued.

Chains	
	June 24th 1901. At this cor. I set off 23°26' N on decl. arc; and at 12h m. s. m. t, observe the sun on the meridian the resulting lat. is. 38°29' N.
	N. 0°03' W. bet. secs. 4 and 5. Descending over rolling land, through dense oak and chinquapin
12.00	small grove of pine timber bears E. and W.
20.00	Begin steep descent bears N. W. and S. E.
40.00	set a trachyte stone 15x12x4 ins 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 5 on W. 4 on E. faces, raised a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable
84.00	Pine Creek 4 lks. wide 4 ins. deep in bottom of canon 120 ft deep course N. W. ascend.
92.66	Intersect N. bdy. of Tp. 11.73 chs. E. of the cor. of secs. 32 and 33. T. 26 S. R. 6 W. heretofore described set a trachyte stone 14x12x4 ins 10 ins. in the ground for closing cor. of secs. 4 & 5. Marked C. C. on S. block 4 grooves on the E. and 2 grooves on W. faces. raised a mound of stone 2 ft. base, 1½ ft. high S. of cor. Pits impracticable. Land, mountainous soil, stony 3rd rate. No timber

Subdivision of T. 27 S., R. 6 W. continued.

Chains	
	Mountainous land 92.66 chs.
	June 24th 1901.
	June 25th 1901.
	At 7 a.m., l.m.t., Wre set off 38°25' N. on lat. arc. 23°26' N. on decl. arc; and determine a true meridian with the solar, at the Cor. of secs. 5, 6, 31 and 32 on S. bdy. of T.
	which is a trachyte stone 8x8x6 ins. above ground firmly set and marked as described by the surveyor General. N. 0°03' W.
	bet. secs. 31 and 32.
	Ascending over rolling land, through dense sage and oak brush.
8.00	Ridge bears E. and W. descend through scattering mahogany timber.
35.00	Ravine 200 ft deep - course S. W. ascend.
40.00	Set a trachyte stone 18x6x6 ins. 12 ins. in the ground, for 1/4 sec. Cor. marked 1/4 S. 31 on W. 32 N. E. faces. From which a mahogany 7 ins. in diam. bears W. 12 lks. dist. marked 1/4 S. 31 B.T.
	a mahogany 3 ins. in diam. bears S 45° E. 12 lks. dist. marked 1/4 S. 32 B.T.
50.00	Ridge bears E. and W. descend
70.00	Leave mahogany timber bears E. and W.
76.80	Old wood road, bears E. and W.

Subdivision of T. 27 S., R. 6 W. continued

Chains	
80.00	Set a quartzite stone 18x8x4 ins. 12 ins. in the ground for cor. of secs. 29, 30, 31 and 32. Marked with 5 notches on E. and 1 notch on S. edges, raised a mound of stone 2 ft. base, 1½ ft. high N. of cor. Pits impracticable. This cor is 700 ft. below ridge. Land, mountainous. Soil, stony, 3rd class. Timber, mahogany. Mountainous land 80.00 chs.
	East on a random line bet. secs. 29 and 32.
40.00	Set temp. 1/4 sec. cor.
80.02	Intersect N. and S. line at the cor. of secs. 28, 29, 32 and 33. Thence we run West on a true line bet. secs. 29 and 32. Ascending over rolling land, through dense oak and palmetto.
12.00	Saddle in ridge, bears E. and W.
24.00	Ridge, bears N. W. and S. E. Descend.
35.00	Ravine 40 ft deep, course N. W., ascend
40.01	Set a sand stone 15x10x5 ins. 10 ins. in the ground, for 1/4 sec. cor. Marked 1/4 S. 29 on N. 32 on S. faces, raised a mound of stone 2 ft. base, 1½ ft. high N. of cor. Pits impracticable.
42.00	Dry ravine.

Subdivision of T. 27 S., R. 6 W. continued.

Chains	
	50 ft. deep. course N. W.
53.00	Spur, projects N. W. descend.
67.00	Ravine 300 ft. deep. course N. ascend.
80.02	The cor. of secs. 29, 30, 31 and 32. Land, mountainous. Soil, stony 3rd rate. No timber Mountainous land S. and dense, undergrowth 80.02 chs. June 25th At this cor. we set off 23° 25' N. on decl. arc. and at 12 h. l. m. t. observe the sun on the meridian, the resulting lat. is 38° 26' N.
	West on a random line bet. secs. 30 and 31.
40.00	Set temp. 1/4 sec. cor.
79.24	Intersect West bdy. of Tp. the Guide meridian, at the cor. of secs. 25, 30, 31 and 36. Heretofore described.
	Thence we run East on a true line bet. secs. 30 and 31. Ascending over rolling land, through dense oak and artimisia, through scattering cedar.
31.00	Spur, projects S. 600 ft above sec. cor. Scarce cedar timber bears N. and S.
39.24	Set a trachyte stone 16 x 8 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 30

Subdivision of T. 27 S. R. 67 W. continued

chains	
	W. 31 & S. faces, raised a mound of stone 2 ft. base, 1½ ft. high N. of cor.
	Pits impracticable.
79.24	The cor. of secs. 29, 30, 31 and 32.
	Land mountainous
	Soil, stony. 3rd rate.
	Timber, cedar.
	Mountainous land, and dense
	undergrowth 79.24 chs.
	N. 0° 03' W.
	bet. secs. 29 and 30.
	Ascending out rolling land,
	through dense oak,
27.00	Spur, 250 ft above cor.
	Projects N. E. descend
33.00	Begin steep descent
	bears E. and W.
40.00	Set a lime stone 20 x 10 x 8 ins.
	15 ins. in the ground for 1/4
	sec. cor. Marked 1/4 S. 30 on W.
	29 on E. faces, raised a mound
	of stone 2 ft. base, 1½ ft. high
	W. of cor. Pits impracticable
	A pine aspen 6 ins. in
	diam. bears S. 72° E. 90 lks.
	dist. marked 1/4 S. 29 B. T.
	No other bearing trees within
	proper limits.
41.50	Indian Creek 10 lks. wide
	Spring water flows West
	in Canon 100 ft deep. ascend
	Log cabin 16 x 16 ft. stands 1.50 chs E.
47.00	Old road, bears E. and W.
80.00	500 ft above Creek.
	Set a quartzite 18 x 6 x 6 ins.
	12 ins. in the ground, for

Subdivision of T. 27 S., R. 6 W. continued.

chains.

Cor. of secs. 19, 20, 29 and 30.
marked with 5 notches on E.
and 2 notches on S. edges.
raised a mound of stone 2 ft.
base, 1 1/2 ft. high W. of cor.
Pits impracticable.
A mahogany 18 ins. in diam.
bears S. 2° E. 12 lks dist.
marked T. 27 S. R. 6 W. S. 29 B. T.
No other suitable bearing
trees within limits.
Land, mountainous
Soil, stony. 3rd rate.
No timber
Mountainous land, 80.00 chs.

June 26th 1901.

At 7 a.m., l.m.t., We set off
38° 27' N. on lat. arc; 23° 24' N. on decl.
arc; and determine a true
meridian with the solar
at the cor. of secs. 19, 20, 29 and 30.

East on a random line
bet. secs. 20 and 29.
40.00 set temp. 1/4 sec. cor.
79.85 Intersect N. and S. line 12 lks.
S. of the cor. of secs. 20, 21, 28
and 29.
Thence We run
S. 89° 55' W. on a true line
bet. secs. 20 and 29.
Descending over rolling land,
through dense artimesa and oak brush.
39.92 1/2 Set a trachy 6 3/4 15 x 10 x 6 ins. 10 ins
in the ground for 1/4 sec. cor.
marked 1/4 S. 20. on N. 29 S. faces,
raised a mound of stone
2 ft. base, 1 1/2 ft. high N. of cor.

Subdivision of T. 27 S., R. 6 W. continued

Chains	
	Pits impracticable
	the cor. is 1800 ft. below 1/4 sec. cor.
79.85	The cor. of secs. 19, 20, 29 and 30.
	500 ft. below 1/4 sec. cor.
	Land, mountainous
	soil, stony 3rd rate.
	No timber
	Mountainous land,
	79.85 chs.
	West on a random line
	bet. secs. 19 and 30.
40.00	set temp. 1/4 sec. cor.
79.18	Intersect W. bdy. of Tp. the Guide meridian 4 lks. N
	of the cor. of secs. 19, 24, 25 and 30.
	Set by us. a hackstone described
	Thence we pass
	N 89° 58' E. on a true line
	bet. secs. 19 and 30.
	ascend over rolling land,
	through dense oak brush and artemisia.
34.00	spur, projects S. descend.
39.18	set a hackstone 24 x 12 x 6 ins.
	18 ins. in the ground, for 1/4 sec.
	cor. marked 1/4 S 19 on N and S faces.
	raised a mound of stone 2 ft.
	base, 1 1/2 ft. high N. of cor.
	Pits impracticable.
43.00	Ravine 10 ft. deep, cor.
	course S. ascend
46.50	Spur, projects S. descend
63.00	Ravine 20 ft. deep, course
	S.
79.18	The cor. of secs. 19, 20, 29 and 30.
	Mountainous land,

Subdivision of T. 27 S. R. 6 W. continued

Chains	
	Soil stony 3rd rate no timber Mountainous land and dense undergrowth 79.18 chs.
	July 26th 1901 At this cor. we set off 23°23' N. on decl. arc; and at 2h. m. [illegible] l. m. t. observe the sun on the meridian, the resulting lat. is 38°27' N.
	N 0°03' W. bet. secs. 19 and 20. Ascending over rolling land, through dense artimesa and oak brush.
8.00	Top of ridge, 200 ft above cor. bears E. and W.
40.00	Set a sandstone 18×9×5 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 19 on W. 20 N. E. faces. raised a mound of stone 2 ft. base, 1 1/2 ft. high. W. of cor. Pits impracticable.
41.00	Dry ravine, course S. W.
46.00	Spur ridge, bears E. and W.
59.50	Wild Cat Creek, 5 lks wide 6 ins. deep, in cañon 200 ft deep. course W.
64.75	Road, bears E. and W.
65.00	Ridge, bears E. and W.
73.00	Ravine 5 ft deep course W.
80.00	Set a trachyte 14×12×12 ins.

Subdivision of T 27 S., R. 6 W. continued.

Chains	
	10 pins in the ground for cor. of secs. 17, 18, 19 and 20, marked with 5 notches on E. and 3 notches on S. edges, raised a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable. Land, mountainous. Soil, stony 3rd rate. No timber. Mountainous land, 8000 chs.
	N. 89°55' E. on a random line bet. secs. 17 and 20.
40.00	set temp. ¼ sec. cor.
80.00	Intersect N. and S. line 9 lks. N. of the cor. of secs. 16, 17, 20 and 21. Thence W. pur. S. 89°59' W. on a true line bet. secs. 17 and 20. Ascending over rolling land through dense oak timber.
4.00	Spur projects N. descend.
24.00	Wild Cat Creek, 5 lks. wide 5 in. deep in canon 500 ft. deep. Course S. W. ascend.
40.00	Set a limestone stone 14 x 8 x 8 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 17 on N. 20 on S. faces. Raised a mound of stone 2 ft. base, 1½ ft. high. N. of cor. Pits impracticable.
54.00	Wagon road bears N. E. and S. W.
54.50	Ridge, bears N. E. and S. W.
68.00	Ravine 200 ft. deep. Course S. W. ascend.
80.00	The cor. of secs. 17, 18, 19 and 20. 800 ft. below cor. secs. 16, 17, 20 and 21.

Subdivision of T. 27 S., R. 6 W. continued.

Chains.	
	Land, mountainous Soil, stony 3rd rate. No timber Mountainous land, 80.00 chs.
	S 89°58' W. on a random line bet. secs. 18 and 19.
40.00	set temp. 1/4 sec. cor.
79.06	Intersect W. bdy. of Tp. Guide meridian, at the cor. of secs. 13, 18, 19 and 24. Set by us. & heretofore described Thence We run N. 89°58' E. on a true line bet. secs. 18 and 19. Ascending over rolling land, through dense oak brush.
17.00	Spur, projects S. descend.
23.00	Ravine 150 ft. deep. course S. ascend.
34.00	Spur, projects S.
39.06	Set a sand stone 18 x 8 x 4 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 18 on N. 19 on S. falls raised a mound of stone 2 ft. base, 1 1/2 ft. high. N. of cor. Pits impracticable.
47.00	Ravine 150 ft deep. course S. ascend.
54.50	Knoll on line.
79.06	The cor. of secs. 17, 18, 19 and 20. Land, rolling mountainous. Soil, stony 3rd rate. No timber Mountainous land, 79.06 chs. June 26th

Subdivision of T. 27 S., R. 6 W. continued

Chains	
	June 27th 1901. At 7 a.m., l. m. t., 1/2 set off 38°28' N. on lat. arc; and 23°24' N. on ded. arc, and determine a true meridian with the solar. At the cor. of secs. 17, 18, 19 and 20.
	N. 0°03' W.
	bet. secs. 17 and 18.
	Over rolling land, through dense oak brush and artimesa
30.00	Ravine 400 ft deep.
	Course W.
40.00	Set a trachyte stone 16 x 10 x 4 ins. 11 ins. above ground for 1/4 sec. cor. marked 1/4 S. 18 W. W. 17 W. E. faces. faced a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable.
63.00	Ridge 800 ft above 1/4 sec. Cor. bears E. and W. descend.
78.50	Ravine 400 ft. deep.
	course N. W.
80.00	Set a trachyte stone 15 x 9 x 7 ins. 10 ins. in the ground for cor. of secs. 7, 8, 17 and 18. marked with 5 notches on E. and 4 notches on S. edges. faced a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable.
	Land, mountainous
	Soil, stony 3rd rate.
	No timber.
	Mountainous land 80.00 chs.
	N. 89°59' W. on a random line

Subdivision of T. 27 S., R. 6 W. continued.

Chains	
	bet. secs. 8 and 17.
40.00	Set temp. 1/4 sec. cor.
80.10	Intersect N. and S. line 5 lks. S. of the cor. of secs. 8 9 16 and 17.
	Thence we run S. 89°57' W. on a true line bet. secs. 8 and 17.
	Descending over rolling land, through dense oak brush.
40.05	Set a trachyte stone 14x10x6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4. S. 8 N. W. 17 N. S. faces, raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor. Pits impracticable.
80.10	The cor. of secs. 7, 8, 17 and 18. 1000 ft. below cor. of secs. 8, 9, 16 and 17.
	Land, mountainous
	Soil, stony. 2nd rate.
	No timber
	Mountainous land and dense undergrowth 80.10 chs.
	June 27th
	At this cor. we set off 23°21' N. on decl arc; and at 12 h. m. l. m. t. observe the sun on the meridian the resulting lat. is 38°29' N.
	S. 89°58' W. on a random line bet. secs. 7 and 18.
40.00	Set temp. 1/4 sec. cor.
78.97	Intersect W. bdy. of Tp.

Subdivision of T. 27 S., R. 6 W. contin

Chains	
	Guide Meridian
	12 lks. N. of the cor. of secs.
	7, 12, 13 and 18. hereofore described
	Thence, We run
	N. 89°53' E. on a true line
	bet. secs. 7 and 18.
	Ascending over rolling land
	through dense oak brush, and
	artimesa.
38.97	Set a trachyte stone 15×10×6 ins.
	10 ins. in the ground for
	1/4 sec. cor. marked 1/4 S. 7 on
	N. 18 W. faces, raised a mound
	of stone, 2 ft. base, 1 1/2 ft.
	high N. of cor.
	Pits impracticable.
43.00	Spur 500 ft. above sec. cor.
	projects N. W.
78.00	Ravine 500 ft. deep.
	course N. W.
78.97	The cor. of secs. 7, 8, 17 and 18.
	Land, mountainous
	Soil, stony 2nd rate.
	No timber
	Mountainous land, 78.97 chs.
	N. 0°03' W.
	bet. secs. 7 and 8.
	Ascending over rolling land,
	through dense oak brush
	and artimesa.
46.00	Set a trachyte stone 15×10×5 ins.
	10 ins. in the ground, for 1/4 sec.
	cor. marked 1/4 S. 7 on N. 8 W.
	faces, raised a mound of
	stone 2 ft. base, 1 1/2 ft. high
	N. of cor. Pits impracticable

Subdivision of T. 27 S. R. 6 W. continued.

Chains	
45.00	Ridge 800 ft high
	bears E. & W. descend.
59.00	Ravine, 400 ft. deep.
	course W.
80.00	set a trachyte stone 20x12x6
	ins. 15 ins in in the ground
	for cor. of secs. 5, 6, 7 and 8.
	marked with 5 notches on
	the S. and E. edges, raised a
	mound of stone 2 ft. base,
	1½ ft. high W. of Cor.
	Pits impracticable.
	Land, mountainous
	soil, stony 3rd rate.
	No timber
	Mountainous land and dense
	undergrowth 80.00 chs.
	June 27th 1901.

June 28th 1901.

At 7 a.m., l.m.t., Wc set off 38°29' N. on lat. arc; 23°20' N. on decl. arc; and determine a true meridian with the solar, at the cor. of secs. 5, 6, 7 and 8.

Thence Wc run

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

40.00	set temp. ¼ sec. cor.
80.05	Intersect N. and S. line. 1 lks. N. of the cor. of secs. 4, 5, 8 and 9.
	Thence Wc run
	West on a true line
	bet. secs. 5 and 8.
	Descending over rolling land, through dense oak brush and artimesa.

Subdivision of T. 27 S., R. 6 W. continued

Chains	
5.00	Enter scattering aspen timber, bears N. and S.
29.00	Leave timber bears N. and S.
40.02½	set a trachyte stone 18 x 9 x 4 ins. 12 ins. in the ground for ¼ sec. cor. marked ¼ S. 5 on N. & S. faces, raised a mound of stone 2 ft. base, 1½ ft. high N. of cor. Pits impracticable
51.00	Ravine 500 ft deep course N. W. ascend.
75.00	Top of ridge, bears S. E. and N 85° W. descend
80.05	The cor. of secs 5, 6, 7 and 8. Land mountainous. soil stony 3rd rate. Timber, aspen. Mountainous land and dense under growth. 80.05 chs.
	S. 89°53' W. on a random line. bet secs. 6 and 7.
40.00	set temp. ¼ sec. cor.
78.88	Intersect W. bdy. of Tp the Guide meridian 16 lks. S. of the Cor. of secs 1, 6, 7 and 12 previously described. Thence Tp. run East on a true line bet. secs. 6 and 7. Ascending over rolling land through dense artimesa and oak brush.
38.88	set a trachyte stone 14 x 12 x 5 ins. 10 ins. in the ground for ¼ sec. cor. marked ¼ S. 6 on N. 7 and S. faces.

Subdivision of T. 27 S., R. 6 W. continued.

chains	
	raised a mound of stone, 2 ft. base, 1½ ft. high N. of Cor. Pits impracticable.
78.88	The cor. of secs. 5, 6, 7 and 8. Land, mountainous soil, stony 3rd rate. No timber Mountainous land and dense undergrowth 78.88 chs.
	N. 0°03' W. Bet. secs. 5 and 6. Ascending over rolling land through, dense, Artimesa and scattering oak.
0.25	top of ridge bears E. and W.
12.00	Dry ravine. 300 ft below Cor. drains N. W.
25.00	Ridge bears N. W. and S. E.
40.00	Set a trachyte stone 15×10×6 ins. 10 ins. above ground for ¼ sec. cor. marked ¼ S. 6 on W. 5 on E. faces, raised a mound of stone 2 ft. base, 1½ ft. high W. of Cor. Pits impracticable
53.00	Spur projects N. E. Descend along West side of ravine.
92.60	1000 ft. below ridge. Intersect N. bdy of Tp. 11.60 chs. E. of the cor. of secs. 31 and 32. T. 26 S., R. 6 W. Set by us. Heretofore described.

Subdivision of T. 27 S. R. 6 W. conclud

Set a trachyte stone 16 x 11 x 6 ins. 11 ins. in the ground, for closing cor. to secs. 5 and 6. Marked C.C. on S. with 5 grooves on the E. and 1 groove on the W. faces. Raised a mound of stone 2 ft. base, 1½ ft. high S. of Cor.

Pits impracticable.

Land, mountainous

Soil, stony 3rd rate.

No timber.

Mountainous land and dense undergrowth 9260 chs.

June 28th 1901.

General discription.

This township is entirely mountainous and the soil ranges from the 2nd to 4th rates.

The eastern portion borders the high shale ridges extending from Mt. Baldy, and the West portion just reaches the foot hills.

Cedar, mahogany, pine and aspen timber grows in eastern portion, very scattering.

Indian and Wild cat creeks have their source in this Tp. and the water is used for irrigation purposes on the Tp. West.

General discription.

None of the land in this Tp. is suitable for agriculture, but is good grazing land throughout.
Some placer mining has been done along the Indian Creek, but there are no indications sufficient to return this Tp. or any portion thereof as mineral lands.
There are no settlers in this township.
A. Olsen, could not be located, and is not in this Tp.

Hubert D. Page
Harry Erwin.
U.S. Deputy Surveyors.

There being no notary public or other officer authorized to administer oaths within reasonable distance at the begining or ending of the survey, and due to save time and expense I administered the preliminary & final oaths myself
Hubert D. Page
U. S. Deputy Surveyor

BLANK

PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

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

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

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

.....

owing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

....., United States Deputy Surveyor, in surveying all

ose parts or portions of the .....

.....

.....

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

..... meridian, ... of ....., which are represented

the foregoing field notes as having been surveyed by him and under his direction; and that said survey

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

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

neral for .....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

bscribed and sworn to before me this .....

day of ....., 189

SEAL

.....

.....

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BOOK A-20

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Harry Erwin United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob B. Blair United States Surveyor General for Utah, bearing date of the 24th day of November, 189 9, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Subdivision of S. 27 S. R. 5 and 6 W. of the Salt Lake base and meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Harry Erwin
United States Deputy Surveyor

Subscribed by said Harry Erwin, and sworn to before me this 11th day of September 1901, ~~189~~

Edward M. Ruder Jr.
U. S. Surveyor General for Utah

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

, 189

The foregoing field notes of the survey of

executed by

under his contract No. , dated , 189 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

United States Surveyor General.

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

United States Surveyor General.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page and Harry Erwin, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Subdivision of T. 2 S., R. 5 and 6 W., of the Salt Lake Base and Meridian, Utah, showing the respective capacities in which they acted:

Ivor J. Brind, Harry A. Rager, Chainman.
Jay Morrison, William O. Halquist, Chainman.
Charles C. Scanlan, Moundman.
Varnick Hansen, Moundman.
Charles C. Scanlan, Axman.
Varnick Hansen, Axman.
Varnick Hansen, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page and Harry Erwin, United States Deputy Surveyor, in surveying all those parts or portions of the Subdivision of T. 2 S., R. 5 and 6 W. of the Salt Lake Base and meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by ~~him~~ them and under ~~his~~ their direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Ivor J. Brind, Harry A. Rager, Chainman.
Jay Morrison, William O. Halquist, Chainman.
Charles C. Scanlan, Moundman.
Varnick Hansen, Moundman.
Charles C. Scanlan, Axman.
Varnick Hansen, Axman.
Varnick Hansen, Flagman.

Subscribed and sworn to before me this 8th day of July, 1901.

SEAL

Hubert D. Page
U.S. Deputy Surveyor.

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Hubert D. Page, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from Jacob B. Blair, United States Surveyor General for Utah, bearing date of t 24th day of November, 1899, I have well, faithfully, and truly, in my o proper person, and in strict conformity with the instructions furnished by the United States Survey General for Utah, the Manual of Surveying Instructions, and the laws of t United States, surveyed all those parts or portions of Subdivision of T. 27 S. R. 5 and 6 W. of the Salt Lake base and meridian, in the State of Utah, which are represented in t foregoing field notes as having been surveyed by me, and under my direction; and I do further solemn swear that all the corners of said survey have been established and perpetuated in strict accordance w the Manual of Surveying Instructions, and the special written instructions of the United States Survey General for Utah and in the specific manner described in the field notes, and th the foregoing are the original field notes of such survey; and should any fraud be detected, I will su the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Hubert D. Page
United States Deputy Survey

Subscribed by said Hubert D. Page and sworn to before me this 11th day of September 1901, 189

Edward H. Anderson
U. S. Surveyor General for Utah

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City Utah, June 3 1902, 189

The foregoing field notes of the survey of the subdivisions of Township 27 South Range 6 West of the Salt Lake Base and Meridian, Utah

executed by Hubert D. Page and Harry Erwin under ~~his~~ their contract No. 222, dated November 24, 1899, having be critically examined, and the necessary corrections and explanations made, the said field notes, and th surveys they describe, are hereby approved.

Edward H. Anderson
United States Surveyor Genera

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

United States Surveyor Genera

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4—679.

BOOK A-283

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FIELD NOTES

OF THE Re-SURVEY OF THE

South and East boundaries of Township No. 34 South, Range No. 24 East,

Of the Salt Lake base and Meridian,

In the State of Utah.

AS SURVEYED BY

Hubert D. Page, United States Deputy Surveyor,

under his Contract No. 247, dated November 11th, 1901

Survey commenced December 26 1901, 189

Survey completed December 29 1901, 189

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Rooney S. Bdry. high M. Cha. Sta. 5-79-44 ✓

" E. " " 5-79-90 ✓

11 79 34

BOOK A-28.

NAMES AND DUTIES OF ASSISTANTS.

Peter Meyer Chairman;
Jay Morrison "
Joseph Rasmussen Moundman
Wm Lyman Adman
John Baker Flagman.

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Volume
#
R0283

BOOK A-283

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, Peter Meyer and Jay Morrison

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level, t chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; th we will report the true distances to all notable objects, and the true lengths of all lines that we assist measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey the S. ½ E. bdy of T. 34 S., R. 24 E., the N. S. ½ M. bdy of T. 29 S., Rs. 22 and 23 E., the S. E. ½ N. bdy. T. 3 R. 25 E. and S. bdy. T. 31 S., R. 23 E. of the Salt Lake base and meridian in the sta of Utah.

Peter Meyer, Chainma

Jay Morrison, Chainma

Subscribed and sworn to before me this 26th day of December, 1901

Hubert D. Page
U.S. Deputy Surv

SEAL

WE, Joseph Rasmussen and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishm of corners, according to the instructions given us, to the best of our skill and ability, in the survey the S. ½ E. bdy of T. 34 S., R. 24 E., the N. S. ½ M. bdy of T. 29 S., Rs. 22 and 23 E., the S. E. ½ N. bdy. T. R. 25 E., and S. bdy. of T. 31 S., R. 23 E. of the Salt Lake base and meridian in the state of Utah

Joseph Rasmussen, Moundma

, Moundma

Subscribed and sworn to before me this 26th day of December, 1901

Hubert D. Page
U.S. Deputy Surveyo

SEAL

WE, Vern Lyman and

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of co and other duties, according to instructions given us, to the best of our skill and ability, in the survey the S. ½ E. bdy of T. 34 S., R. 24 E., the N. S. ½ M. bdy of T. 29 S., Rs. 22 and 23 E., the S. E. ½ N. bdy. R. 25 E. and S. bdy. of T. 31 S., R. 23 E. of the Salt Lake base and meridian in the state of

Vern Lyman, Axma

, Axma

Subscribed and sworn to before me this 26th day of December, 1901.

Hubert D. Page
U.S. Deputy Surve

SEAL

I, John Baker, do solemnly swear that I will well and tr perform the duties of flagman according to instructions given me, to the best of my skill and ability, in t re survey of the S. ½ E. bdy. of T. 34 S., R. 24 E., the N. S. ½ M. bdy. of T. 29 S., Rs. 22 and 23 E., the S. E. ½ N. bdy. T. 33 S., R. 25 E., and of T. 31 S., R. 23 E., of the Salt Lake base and meridian in the state of Utah.

John Baker, Flagma

Subscribed and sworn to before me this 26th day of December, 1901

Hubert D. Page
U.S. Deputy Surveyo

SEAL

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Resurvey of the S. bdy. of T. 34 S., R. 24 E.

Chains

Survey commenced December 26, 1901 and executed with a W. and L. E. Gurley light-mountain-transit No. - with Solar attachment.
The horizontal limb being provided with two opposite verniers 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, September 28, 1901.
I examine the adjustments of the transit and correct the level and collimation errors: then to test the Solar apparatus by comparing its indications resulting from Solar observations made during A. M. and P. M. hours, with a true meridian determined by observations on Polaris, I proceed as follows:
I begin at the Cor. of Tps. 34 and 35 S. Ranges 24 and 25 East, which is a sandstone 15×6×5 ins. above the ground, marked as described by the Surveyor general.
At 3 P. M., L. M. T. I set off 23°26' S. on the declination arc: 37°48' N. on the latitude arc: and mark the true meridian thus determined with the Solar by a cross on a stone, firmly set in the ground, 5 Chains north of the instrument.
Dec. 26. 1901.

Resurvey of the S. bdy.
of T. 3 & 4 S., R. 24 E., Continued

December 27: At 0h. 55m. A. M., l. m. I observe Polaris at western elongation in accordance with instructions in the manual and mark the line thus determined, by a tack driven in a wooden plug, set in the ground, 5 chains north of my station.

At 7 A. M. I lay off the azimuth of Polaris, 1°33' to the east and mark the True Meridian thus determined by cutting a small groove in the stone set last evening, on which the true meridian falls 0.3 ins. east of the mark determined by the Solar.

At 8 A. M., l. m. I set off 37°48' N. on the lat. arc: 23°16' S. on the decl. arc: and mark the true meridian determined with the Solar, by a cross on the stone, already set 5 chs. N. of my station. This mark falls 0.4 ins. east of the true meridian established by the Polaris observation. The Solar apparatus by p. m. and A. M. observations, defines positions for true meridians about 0.16" west and 0.21" east of the meridian established by the Polaris observation. Therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian, at 8 A. M.

Resurvey of the South boundary of T. 34 S., R. 24 E. Continued

Chains

is N. 14° 42' W., the angle thus determined, reduced by the table, page 100, gives the mean magnetic declination 14° 40' east.

Preliminary to commencing the subdivision of this township, I run west on a blank line, on the South boundary of Sec. 36. At 40.00 chs. I find the ¼ sec. Cor. N. 42° E., 30 lks. dist. and at 80.00 chs. the Cor. of Secs. 1, 2, 35 and 36, cannot be found, therefore I continue my line west, find no part of the S. bdy. in alinement, and that many of the Corners are missing. At 5 miles 76.34 chs. I intersect the Colorado Guide Meridian, 1.90 chs. S. of the Cor. of Tps. 34 and 35 S., Rs. 23 and 24 E., which is a sandstone 10 x 10 x 8 ins. above the ground, marked as returned under Contract No. 238, of James M. Lentz U.S. Cs. the distances are not within the limits and many Corners are missing, the townships not being subdivided, I resurvey the the S. bdy. of T. 34 S. R. 24 E. as follows

From the Cor. of Tps. 34 and 35 S., R. 23 and 24 E. heretofore described I run

Resurvey of the South boundary of T. 34 S. R. 24 E. Continued

Chains	
	East,
	bet. Secs. 6 and 31.
	Over rolling land, descend
	through dense artemisia
4.00	Wire fence, bears N. E. and S. W.
8.00	Drain, 25 ft. deep. Course N.
	Ascend.
	Enter scattering cedar and pinon
	timber.
13.00	Begin descent.
15.00	Leave timber.
39.44	Allowing for convergence of meridians Set a sandstone 20 x 9 x 3 ins., 15 ins.
	in the ground, for re-established
	1/4 sec. cor., marked 1/4 S. on N. face: dig
	pits 18 x 18 x 12 ins. E. and W. of stone, 3
	ft. dist. and raise a mound of earth
	3½ ft. base, 1½ ft. high, N. of cor.
	From this point the old 1/4 sec. cor.
	which is a sandstone 12 x 5 x 5 ins.
	above the ground, marked as described
	by the Surveyor general, bears S. 22° W.
	1.96 chs. dist.
	Destroy all traces of old cor.
79.44	Set a sandstone, 18 x 8 x 4 ins., 12 ins. in
	the ground for re-established cor. of
	Secs. 5, 6, 31 and 32, marked with 5 notches
	on E. and 1 notch on W. edges: dig
	pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist.
	and raise a mound of earth, 4 ft. base,
	2 ft. high, W. of cor.
	From this point the old sec. cor. which
	is a sandstone 12 x 6 x 5 ins. above the
	ground, marked as described by the
	Surveyor general, bears S. 31° W. 2.20 chs.
	dist.
	Destroy all traces of old cor.
	Land rolling.
	Soil, sandy loam, 2nd Rate.
	Timber, Cedar and pinon
	dense undergrowth, 79.44 chs.

Resurvey of the South boundary of T. 34 S. R. 24 E. Continued

Chains	
	East
	bet. Secs. 5 and 32.
	Over rolling land, descend through dense cottonwoods
18.00	Enter scattering cedar and pinon timber and oak brush.
40.00	Set a sandstone 18 x 12 x 5 ins. 12 ins. in the ground for reëstablished 1/4 Sec. Cor. marked 1/4 S. on N. face from which
	a pinon, 6 ins. diam., bears N. 78° E. 40 lks. dist. marked 1/4 S. 32. B. T.
	a pinon 10 ins. diam., bears S. 77° 30' W. 75 lks. dist. marked 1/4 S. 5 B. T.
	From this point the old 1/4 Sec. Cor., which is a sandstone 12 x 12 x 3 ins. above the ground, bears S. 38° W. 2.50 chs. dist.
	I destroy all marks on the stone and old bearing trees.
42.30	Chan, 75 ft. deep, Course N. Ascend.
	Enter heavy cedar and pinon timber, trees N. and S.
47.00	Begin descent.
62.60	Begin abrupt rocky descent. Leave timber bears N. W. and S. E.
64.00	Perpendicular sandstone ledges 100 ft. high bear N. W. and S. E.
67.00	Foot of abrupt descent.
75.00	Enter heavy cedar and pinon timber, trees N. and S.
80.00	Bottom of ravine, 200 ft. deep Course N. E.
	The point for Sec. Cor. falls on a boulder 6 x 5 x 3 ft.

Resurvey of the South boundary of T. 34 S., R. 24 E. Continue

Chains

above the ground, on which I cut a cross (x) at the exact Cor. point, for reëstablished Cor. of secs. 4, 5, 32 and 33, marked with 4 grooves on the east, and 2 grooves on the west sides:

from which

A cedar, 10 ins. diam., bears N. 88° E. 23 lks. dist., marked T. 34 S., R. 24 E. S. 33, B. T.

A pin on, 8 ins. diam., bears S. 45° E. 62 lks. dist. marked T. 35 S., R. 24 E. S. 4, B. T.

A cedar, 8 ins. diam., bears S. 49° W. 80 lks. dist., marked T. 35 S., R. 24 E. S. 5, B. T.

A cedar, 8 ins. diam., bears N. 18° 30' W. 68 lks. dist. marked T. 34 S., R. 24 E., S. 32 B. T.

After diligent search no trace of old Cor. can be found.

Land, rolling and broken

Soil, loam and rocky 3rd and 4th Rate.

Timber cedar and pin on.

Dense undergrowth, mountainous, or heavy timbered land 80.00 Chs.

Dec. 27, 1901: I set off 23° 19' S on the decl. arc: and at 0h 01 p. m., l. m. t. observe the sun on the meridian: the resulting lat. is 37° 48' N.

Resurvey of the South boundary of T. 34 S., R. 24 E. Continued

Chains	
	East,
	bet. Secs. 4 and 33.
	Over rocky land, ascend
	abruptly through heavy
	Cedar and pinion timber.
4.50	Top of Spur, projects N.
	Descend over rolling land.
40.00	Set a sandstone 22 x 6 x 6 ins.
	16 ins. in the ground, for
	reëstablished ¼ Sec. Cor.
	marked ¼ S. . . . on N. face:
	from which
	A cedar 6 ins. diam., bears
	S. 35° W. 12 lks. dist., marked
	¼ S. 4, B. T.
	A cedar, 12 ins. diam., bears
	N. 41° W. 19 lks. dist., marked
	¼ S. 33, B. T.
	After diligent search no
	trace of old ¼ Sec. Cor.
	Can be found.
46.50	Drain, 100 ft. deep, Course N.
	Ascend.
49.00	Top of Spur, projects N.
	Descend.
51.20	Drain, 80 ft. deep, Course N.
	Ascend.
80.00	Set a sandstone 20 x 15 x 4
	ins. 15 ins. in the ground
	for reëstablished Cor. of
	Secs. 3, 4, 33 and 34, marked
	with 3 notches on the E.
	and W. edges:
	from which
	A cedar, 10 ins. diam., bears
	N. 5° E. 41 lks. dist., marked
	T. 34 S., R. 24 E. S. 34, B. T.
	A cedar, 4 ins. diam., bears
	S. 34 E. 15 lks. dist., marked
	T. 35 S., R. 24 E. S. 3, B. T.

Resurvey of the South boundary of T. 34 S. R. 24 E. Con

Chains

A cedar 12 ins. diam. bears S. 18° W. 24 lks. dist. marked T. 35 S. R. 24 E. S. 4. B. T.

A pinon 8 ins. diam. bears N. 87° W. 43 lks. dist. marked T. 34 S. R. 24 E. S. 33. B. T.

After diligent search no trace of old Sec. Cor. can be found.

Land rolling

Soil, stony 3rd Rate

Timber Cedar and pinon

Heavy timbered land 80.00 chs.

East.

bet. secs. 3 and 34

Our rolling, rocky land.

ascend through heavy

Cedar and pinion timber

32.00 Top of ascent, bears W. and S.

Descend.

40.00 Set a Sandstone 20 x 14 x 4 ins. 15 ins. in the ground for reestablished ¼ Sec. Cor. marked ¼ S. on W. face from which

A pinion 6 ins. diam. bears W. 62° 30' W. 14 lks. dist. marked ¼ S. 34 B. T.

A pinion 12 ins. diam. bears S. 54° 30' E. 13 lks. dist. marked ¼ S. 3. B. T.

After diligent search no sign of old ¼ Sec. Cor. can be found.

70.00 Leave heavy timber bears W. W. and S. E., enter scattering timber and oak bush.

Resurvey of the South boundary of T. 34 S., R. 24 E. Continued

Chains	
	Begin abupt descent over Sandstone boulders.
80.00	The point for sec. cor. falls on a sandstone boulder 5×4×3 ft. above the ground, on which I cut a cross (X) at the exact cor. point for reëstablished cor. of Secs. 2, 3, 34 and 35, marked with 2 grooves on the E. and 4 grooves on the W. sides: and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable After diligent search no trace of old sec. cor. can be found. Land First 70 chs. rolling and rocky Rest Mountainous and rocky Soil, rocky 3rd and 4th Rate Timber, Cedar and pinon. Mountainous or heavily timbered land 80.00 chs. December 27, 1901
	December 28: 1901: At 8 A. M. L. M. T. I set off 37′, 48″ N. on the lat. arc: 23° 14′ S. on the decl. arc: and determine a true meridian with the Solar, at the cor. of Secs. 2, 3, 34 and 35. Thence I run East bet. Secs. 2 and 35. Over sandstone boulders, descend abuptly through

Resurvey of the South boundary of T. 34 S. R 24 E. Contin

Chains	
	Scattering cedar and pinon timber.
2.50	Top of broken sandstone ledges 400 ft. high, bear N. W. and S. E.
6.40	Foot of broken ledges. Top of perpendicular sandstone ledges 150 ft. high, bear N.W. and S.E. Descend.
8.00	Leave rocky land, over level bottom land, through dense artemisia and oak brush.
12.00	Montezuma Creek, 5 lks. wide; 6 ins. deep, pure water, in a wash, 75 lks. wide 15 ft. deep, Course South. in Montezuma Canon 1000 ft. deep, Course S. E.
18.50	Begin ascent over rocky land, leave dense undergrowth.
19.50	Perpendicular sandstone ledges. 150 ft. high, bear N. W. and S. E. Ascend over broken sandstone ledges, bearing N. W. and S. E. through scattering cedar and pinon timber.
38.00	Top of broken ledges 800 ft. above the bottom of Montezuma Canon. Enter heavy cedar and pinon timber bearing N. W. and S. E. Descend over boulders.
40.00	The point for ¼ sec. cor. falls on a bowlder 10 x 10 x 5 ft. above the ground, on which I cut a cross (x) at the exact point for re-established ¼ sec. cor. marked ¼ S. on N.

Resurvey of the South boundary of T. 34 S. R. 24 E. Continued

Chains	
	side of cross.
	from which
	A cedar, 6 ins. diam., bears
	N. 32 E. 21 lks. dist. marked
	¼ S. 35, B. T.
	A cedar, 6 ins. diam., bears
	S. 11 E., 16 lks. dist. marked
	¼ S. 2, B. T.
	After diligent search no trace
	of the old ¼ sec. cor. can
	be found.
80.00	Set a sandstone 30 x 10 x 6 ins. 22
	ins. in the ground for
	its established cor. to Secs. 1, 2, 35 & 36
	marked with 1 notch on
	the E. and 5 notches on
	the W. edges:
	from which
	A pine, 6 ins. diam., bears
	N. 55° E., 39 lks. dist. marked
	T. 34 S., R. 24 E., S. 36, B. T.
	A cedar, 5 ins. diam., bears
	S. 27° E. 4 lks. dist. marked
	T. 35 S., R. 24 E., S. 1, B. T.
	A cedar, 12 ins. diam., bears
	S. 69° W., 12 lks. dist. marked
	T. 35 S., R. 24 E., S. 2, B. T.
	A cedar, 12 ins. diam., bears
	N. 25° 30' W. 6 lks. dist. marked
	T. 34 S., R. 24 E. S. 35, B. T.
	At this point I again made
	careful search for old sec. cor.
	but am unable to
	find it.
	Land mountainous.
	Soil rocky 3rd and 4th Rate
	Timber, cedar and pine on
	Mountainous or
	heavily timbered land 80.00 Chs.

Resurvey of the South
boundary of T. 34 S. R. 24 E. Contin

Chains	
	East.
	bet. Secs 1 and 36.
	Ascend. over rocky soil and
	boulders, through heavy
	Cedar and pine on timber.
8.00	Begin descent.
16.00	Rocky ravine, 150 ft. deep, Course
	S.W. ascend.
27.00	Begin abrupt ascent.
29.30	Perpendicular sandstone
	ledges, 100 ft. high, bear W.N. and N.E.
	Leave rocky soil.
	Gradual ascent over
	rolling land.
40.00	Set a limestone 36 × 16 × 5 ins.
	27 ins. in the ground, for
	reestablished ¼ Sec. Cor.
	marked ¼ S. 36, on N. face.
	from which
	A pinion, 5 ins. diam., bears
	N 24° W. 5 lks. dist. marked
	¼ S. 36. B. T.
	A cedar, 10 ins. diam., bears
	S. 31° 30' E. 39 lks. dist. marked
	¼ S. 1. B. T.
	From this corner the old
	¼ Sec. Cor. which is a sandstone
	16 × 5 × 5 ins. above the ground,
	marked and witnessed as
	described by the Surveyor
	General, bears S. 43° 04' W.
	2.56 chs. dist.
	I destroy all traces of the old
	Corner and obliterate all
	marks on the bearing
	trees.
48.00	Top of ascent, bears N and S.
	Descend.
52.00	Leave heavy timber, bears
	N. and S., enter scattering timber.

Resurvey of the South boundary of T. 34 S., R. 24 E. Concluded.

Chains	
58.00	Draw. 50 ft. deep. Course N. Ascend. enter dense artimesa.
68.00	Top of ridge. bears N. and S. Descend. Leave timber.
77.80	Draw. 75 ft. deep. Course N. W. Ascend.
80.00	Set a sandstone 24 x 14 x 6 ins. 18 ins. in the ground, for reëstablished Cor. of Tps. 34 and 35 S., Rs. 24 and 25 E., marked with 6 notches on each edge: dig pits 24 x 24 x 12 ins., on each line, N., E. and W., 4 ft., and S. of stone, 8 ft. dist. and raise a mound of earth, 5 ft. base, 2½ ft. high, S. of Cor. The old Cor. of Tps. 34 and 35 S., Rs. 24 and 25 E. heretofore described, bears S. 43° 15' W. 2.77 chs. dist. I destroy all traces of the old Corner. Land. Mountainous and rolling Soil. loam and rocky, 2nd, 3rd and 4th Rate. Timber. Cedar and pinion. Mountainous, heavily timbered land or land covered with dense undergrowth. 80.00 chs.

Dec. 28, 1901: At this Cor. I set off 23° 16' S. on the decl. arc: And at 0h. 01m. p. m., l. m. t. observe the sun on the meridian, the resulting lat. is 37° 48' N.

Resurvey of the E. bdy. of T. 34 S., R. 24 E.

The South bdy. of this township having been reëstablished, thereby changing the position of the Cor. of Tps. 34 and 35 S., Rs. 24 and 25 E. I find it necessary to resurvey the east bdy. of T. 34 S., R. 24 E.

I begin at the reëstablished Cor. of Tps. 34 and 35 S., Rs. 24 and 25 E. heretofore described, and run north on a random line between Tp. 34 S., Rs. 34 and 35 E. setting temp. ¼ sec. and sec. cors. at intervals of 40.00 chs.; and at 479.90 chs. intersect E. and W. line, 14 lks. west of the Cor. of Tps. 33 and 34 S., Rs. 24 and 25 E. which is a sandstone 12 x 12 x 3 ins. above the ground marked as returned under Contract No. 238 of James M. Lentz D. S.

The falling answers to a Correction of 0°01', or 3 lks. east per mile, counting from the S. E. Cor. of the township.

As the townships east and west of the range line have not been subdivided, and no part of the E. bdy. is in alinement, and many cors. are nearly or wholly obliterated, I resurvey the range line between Tp. 34 S., Rs. 24 and 25 E. as follows:

From the Cor. of Tps 33 and 34 S., Rs. 24 and 25 E. heretofore described, I run

S. 0°01' W.

Resurvey of the East boundary of T. 34 S., R. 24 E. Continued

Chains	
	bet. secs. 1 and 6.
	Over rolling land, descend through dense artemisia
38.00	dry wash, 12 ft. wide, 10 ft. deep, in chan 50 ft. deep
	Course S. W. ascend.
39.90	Set a sandstone 18×12×4 ins. 12 ins. in the ground for reëstablished ¼ sec. cor. marked ¼ S. on west face: dig pits 18×18×12 ins. N. and S. of stone, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
	From this point the old ¼ sec. cor. which is a sandstone 16×8×3 above the ground, bears S. 42° W. 3.80 chs. dist.
	I destroy all signs of the old cor.
72.40	Top of knoll, bears E. and W.
	descend.
79.90	Set a sandstone 14×10×4 ins. 10 ins. in the ground for reëstablished cor. of secs. 1, 6, 7 and 12, marked with 5 notches on the S. and 1 notch on the N. edges: dig pits 18×18×12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
	From this point the old sec. cor. which is a sandstone 12×12×5 ins. above the ground, bears S. 31° W. 3.32 chs. dist.
	I destroy all signs of the old cor.
	Land, rolling.
	Soil, loam. 2nd and 3rd Rate.

Resurvey of the East boundary of T. 34 S., R. 24 E. Continued

Chains	
	No timber Dense undergrowth. 79.90 chs. December 28, 1901.
	Dec. 29, 1901: At 8 A.M. l.m.t. I set off 37°53' N. on the lat. arc: 23°11' S. on the decl. arc: and determine a true meridian with the Solar, at the cor. of Secs. 1, 6, 7 and 12. Thence I run S. 0°01' W. bet. secs. 7 and 12. Over rolling land, descend through dense artemisia
16.00	Bottom of ravine, 250 ft. below sec. cor. Course S. 70° W. ascend.
40.00	Set a sandstone 16×10×4 ins. 11 ins. in the ground, for reëstablished ¼ sec. cor. marked ¼ S. on W. face: and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. From this point the old ¼ sec. cor. which is a sandstone 8×7×4 ins. above the ground, bears S. 29° W. 3.30 chs. dist. I destroy all signs of the old corner.
80.00	Top of ascent: bears E. and W. Set a sandstone 24×20×3 ins. 18 ins. in the ground for reëstablished cor. of Secs. 7, 12, 13 and 18, marked with 4 notches on the S. and 2 notches on the W. edges: dig pits 18×18×12 ins. in each sec., 5½ ft. dist.: and raise a mound of earth,

Resurvey of the East boundary of T. 34 S. R. 24 E. Continued.

4 ft. base, 2 ft. high, W. of Cor.
From this point the old sec. cor. which is a sandstone 8×9×3 ins. above the ground bears S. 28° W. 3.12 chs. dist.
I destroy all signs of the old cor.
Land rolling.
Soil, sandy loam. 2nd and 3rd Rate.
No timber.
Dense undergrowth 80.00 chs.

S. 0° 01' W.
bet. secs. 13 and 18.
Over rolling land, descend through dense artemisia.
29.00 Bottom of ravine. 300 ft. below sec. cor. Course N. E.
Ascend.
40.00 Set a sandstone 20×12×4 ins. 15 ins. in the ground for reëstablished ¼ sec. cor. marked ¼ S. on W. face: dig pits 18×18×12 ins. N. and S. of stone. 3 ft. dist., and raise a mound of earth. 3½ ft. base. 1½ ft. high, W. of Cor.
After diligent search no trace can be found of old ¼ sec. cor. described by the surveyor general as a pinion post with pits and a mound.
80.00 Set a sandstone 20×10×5 ins. 15 ins. in the ground for reestablished cor. of secs. 13, 18, 19 and 24, marked with 3 notches on N. and S. edges: dig pits 18×18×12 ins. in each sec: 5½

Resurvey of the East boundary of T. 34 S., R. 24 E. Continued

Chains	
	ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high. N. of Cor.
	After diligent search no trace can be found of the old sec. cor. described by the surveyor general as a cedar post with pits and a mound of earth.
	Land rolling.
	Soil sandy loam. 2nd and 3rd Rate.
	No timber.
	Dense undergrowth. 80.00 chs.
	S. 0° 01' W.
	bet. secs. 19 and 24.
	Over rolling land, ascend through dense artemisia.
23.00	Top of ascent, bears E. and W.
	Descend.
40.00	Set a sandstone 18 x 8 x 4 ins. 12 ins. in the ground for reestablished ¼ sec. cor. marked ¼ S. on W. face: dig pits 18 x 18 x 12 ins. N. and S. of stone, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. after diligent search no trace of the old ¼ sec. cor. can be found, which is described by the surveyor general as a cedar post with pits and a mound of earth.
79.90	Bottom of ravine, 100 ft. deep. Course S. W.
	Ascend.
80.00	Set a sandstone 18 x 13 x 6 ins.

Resurvey of the East boundary of T. 34 S., R. 24 E. Continued

Chains

12 ins. in the ground, for rĕestablished Cor. of secs. 19 24, 25 and 30, marked with 2 notches on the S. and 4 notches on the N. edges: dig pits 18×18×12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

After diligent search no trace can be found of the old sec. cor. described by the Surveyor general as a cedar post with pits and a mound of earth.

Land, rolling.

Soil, sandy loam. 2nd Rate No timber.

Dense undergrowth 80.00 chs.

Dec. 29, 1901: At this cor. I set off 23°13' S. on the decl. arc: and at 0h 02 p. m., l. m. t. observe the sun on the meridian, the resulting lat. is 37° 50' N.

S. 0°01' W.

bet. secs. 25 and 30.

Over rolling land, ascend through dense artemisia.

20.00 Top of ascent bears E. and W. Descend.

40.00 Set a sandstone 18×12×5 ins. 12 ins. in the ground, for rĕestablished ¼ sec. cor. marked ¼ S. on N. face: from which

A lone cedar, 18 ins. diam.,

Resurvey of the East boundary of T. 34 S., R. 24 E. Contin

Chains	
	bears N. 28° 30' W., 80 lks. dist. marked ¼ S. 25 B. T. No other lines within limits, and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	From this point the old ¼ Sec. cor. which is a sandstone 8 x 12 x 5 ins. above the ground, marked and witnessed as described by the Surveyor general, bears S. 28° 45' W. 1.10 chs. dist.
	I destroy all signs of the cor. and remark the bearing tree to refer to re-established ¼ Sec. cor.
49.00	Enter scattering cedar and pinon timber.
54.00	Than 100 ft. deep, course W. Ascend. leave timber.
80.00	Set a sandstone 30 x 10 x 4 ins. 23 ins. in the ground for re-established cor. of secs. 25, 30, 31 and 36, marked with 1 notch on the S. and 5 notches on the W. edges: dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W of cor.
	From this point the old Sec. cor. which is a sandstone 8 x 12 x 4 ins. above the ground, marked as described by the Surveyor general, bears S. 35° W. 1.28 chs. dist. I destroy all signs of the old Sec. cor.
	Land rocky.

Resurvey of the East boundary of T. 34 S. R. 24 E. Continued

Chains	
	Soil loam 2nd Rate No timber. Dense undergrowth 80.00 chs.
	S. 0° 01' W. bet. Secs. 31 and 36. Over rolling land, ascend through dense artemisia
4.50	Top of ascent, bear E. and W. descend.
14.00	Enter scattering cedar and pine on timber.
22.00	Leave timber.
40.00	Set a Sandstone 15 x 10 x 4 ins. 10 ins. in the ground, for reestablished ¼ Sec. Cor. marked ¼ S. on the W. face: dig pits 18 x 18 x 12 ins. N. and S. of the stone, 3 ft. dist. and raise a mound of earth, 3½ ft. base. 1½ ft. high. W. of Cor. from this point, the old ¼ Sec. Cor. which is a Sandstone 8 x 10 x 4 ins. above the ground, marked as described by the Surveyor general, bears S. 54° 15' W. 1.97 chs. dist. I destroy all signs of the old ¼ Sec. Cor.
44.50	Chain 100 ft. deep. Course N. W. Ascend.
80.00	The Cor. of Tps. 34 and 35 S., Rs. 24 and 25 E. heretofore described. Land rolling Soil, loam. 2nd Rate Timber cedar and pine.

Resurvey of the East boundary of T. 34 S., R. 24 E. Conclude

Dense undergrowth 80.00 chs.
December 29, 1901.

Boundaries of T. 34 S. R. 24 E.

Latitudes, departures and closing errors.

Line designated	Line bearing	Distance	Latitudes N.	Latitudes S.	Departures E.	Departures W.
Colorado Guide		chs.	chs.	chs.	chs.	chs.
Meridian	North	480.00	480.00			
S. bdy. T. 33 S. R. 24 E.	East	478.88			478.88	
E. bdy. T. 34 S. R. 24 E.	S. 0° 01' W.	479.90		479.90		.14
S. bdy. T. 34 S. R. 24 E.	West	479.44				479.44
Convergence					.56	
Totals			480.00	479.90	479.44	479.58
			479.90			479.44
Error in lat.			.10	Error in dep.		.14

Hubert D. Page
U.S. Deputy Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

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

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

king the lines and corners described in the foregoing field notes of the survey of .....

.....

ving the respective capacities in which they acted:

..... *Chainman.*

..... *Chainman.*

..... *Moundman.*

..... *Moundman.*

..... *Axman.*

..... *Axman.*

..... *Flagman.*

For final affidavits see book N T. 29 S. R. 22 E.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

....., United States Deputy Surveyor, in surveying all

se parts or portions of the .....

.....

.....

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

..... meridian, ... of ....., which are represented

the foregoing field notes as having been surveyed by him and under his direction; and that said survey

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

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

neral for .....

..... *Chainman.*

..... *Chainman.*

..... *Moundman.*

..... *Moundman.*

..... *Axman.*

..... *Axman.*

..... *Flagman.*

.....

For final affidavits see book N T. 29 S. R. 22 E.

ubscribed and sworn to before me this .....

day of 189

SEAL

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152-153
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BOOK A-28

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

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

For final off. dated see book No. 1

.....
United States Deputy S

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

SEAL

.....
.....

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah Nov 25 1902

The foregoing field notes of the survey of the South and East Boundaries Township 34 South Range 24 East of the Salt Lake Base and Meridian Utah

executed by Hubert D Page
under his contract No. 247, dated November 11 1901, ~~189~~, havi
critically examined, and the necessary corrections and explanations made, the said field notes,
surveys they describe, are hereby approved.

Edward H Anderson
United States Surveyo

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

.....
United States Surveyor G

6--151

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PAGE

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Field March 11. 1904. 157

4—679.

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BOOK A-283

FIELD NOTES

OF THE SURVEY OF THE

Subdivision

of

Township No. 34 South

Range No. 24 East

Of the Salt Lake Base and Meridian,

In the State of Utah.

AS SURVEYED BY

Hubert S. Page, United States Deputy Surveyor,

Under his Contract No. 247, dated November 11th, 1901

Survey commenced December 30, 1901, 189

Survey completed January 8, 1902, 189

6—161

m. chs. lks.

high 53-73-98

low 6-03-68

59-77-66

BOOK A-282

NAMES AND DUTIES OF ASSISTANTS.

Peter Meyer Chainman
Jay Morrison "
Joseph Rasmussen Moundman
Vern Lyman Aiman
John Baker Flagman.

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Volume
#
R0283

BOOK A-283

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31	32	33	34	35	36

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, Peter Meyer and Jay Morrison

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will l
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the
we will report the true distances to all notable objects, and the true lengths of all lines that we
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the s
Subdivision of T. 34 S., R. 24 E., T. 33 S., R. 25 E., T. 26, 3 & 29 S., R. 23 E. and T. 29 S.
of the Salt Lake Base and Meridian, in the state of Utah.

Peter Meyer, Cha

Jay Morrison, Cha

Subscribed and sworn to before me this 26th day of December, 1890 1

Hubert D. Page
U.S. Deputy Surv

SEAL

WE, Joseph Rasmussen and

do solemnly swear that we will well and truly perform the duties of moundman in the establ
of corners, according to the instructions given us, to the best of our skill and ability, in the s
Subdivision of T. 34 S., R. 24 E., T. 33 S., R. 25 E., T. 26, 29 & 31 S., R. 23 E. and T. 29 S., R. 22 E. of the
Lake Base and meridian, in the state of Utah.

Joseph Rasmussen, Mou

, Mou

Subscribed and sworn to before me this 26th day of December, 1890 1

Hubert D. Page
U.S. Deputy Surve

SEAL

WE, Vern Lyman and

do solemnly swear that we will well and truly perform the duties of axman in the establishment of
and other duties, according to instructions given us, to the best of our skill and ability, in the su
Subdivision of T. 34 S., R. 24 E., T. 33 S., R. 25 E., T. 26, 29 & 31 S., R. 23 E. and T. 29 S., R. 22 E. of the Sa
Base and Meridian, in the state of Utah.

Vern Lyman,

,

Subscribed and sworn to before me this 26th day of December, 1890 1

Hubert D. Page
U.S. Deputy Su

SEAL

I, John Baker, do solemnly swear that I will well
perform the duties of flagman according to instructions given me, to the best of my skill and ability,
survey of Subdivision of T. 34 S., R. 24 E., T. 33 S., R. 25 E., T. 26, 29 & 31 S., R. 23 E. and T. 29 S., R. 22 E.
Salt Lake Base and Meridian state of Utah.

John Baker, Fl

Subscribed and sworn to before me this 26th day of December, 1890 1

Hubert D. Page
U.S. Deputy Surv

SEAL

6—151

Subdivisions of T. 34 S., R. 24 E.

Chains	
	Survey commenced December 30, 1901 and executed with a W. and L. E. Gurley light mountain transit No. — with solar attachments, the horizontal limb being provided with two opposite verniers reading to 30" of arc. I know from recent observations taken December 26 and 27, 1901 at the cor. of Tps. 34 and 35 S. Rs. 24 and 25 E. and recorded in book 'a' of this survey, the instrument to be in adjustment. I commence at the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the Tp, heretofore described. At 8 A.M. l.m. t. I set off 37°48' N. on the lat. arc: 23°07' S. on the decl. arc: and determine a true meridian with the solar. Thence I run N. 0°01' W. bet. secs. 35 and 36. Ascend over rocky land and huge boulders, through heavy cedar and pin on timber.
11.00	Begin abrupt ascent, over broken sandstone ledges.
14.00	Perpendicular sandstone ledges 100 ft. high, bear E. and W.
16.50	Top of abrupt ascent. Over gradually ascending land.
28.00	Leave heavy timber bears E. and W. enter scattering timber and dense artemisia.

Subdivision of T. 34 S., R. 24 E. Continued

Chains	
32.00	Top of ascent, bears E. and W. descend.
40.00	Set a cedar post 3 ft. long, 4 ins. sq. 24 ins. in the ground, for ¼ Sec. Cor. marked ¼ S. 35 on W. face; and 36 on E. face: from which
	A cedar, 5 ins. diam., bears N. 56 E. 29 lks. dist., marked ¼ S. 36, B. T.
	A cedar, 12 ins. diam., bears S. 34° W., 86 lks. dist., marked ¼ S. 35, B. T.
54.00	Draw, 75 ft. deep. Course W. ascend.
64.75	Enter heavy cedar and pine on timber, bears E. and W.
80.00	Set a sandstone 14 x 8 x 7 ins. 9 ins. in the ground, for Cor. of Secs. 25, 26, 35 and 36, marked with 1 notch on the S. and E. edges: from which
	A cedar, 8 ins. diam., bears S. 37° E., 75 lks. dist., marked T. 34 S., R. 24 E., S. 36, B. T.
	A pine, 5 ins. diam., bears N. 16° E., 57 lks. dist., marked T. 34 S., R. 24 E., S. 25, B. T.
	A pine, 10 ins. diam., bears N. 30° W. 72 lks. dist., marked T. 34 S., R. 24 E. S. 26, B. T.
	A pine, 10 ins. diam., bears S. 43° W., 77 lks. dist., marked T. 34 S., R. 24 E., S. 35, B. T.
	Land, mountainous and rolling. Soil stony and loam, 2nd, 3rd and 4th Rate. Timber cedar and pine on Heavy timber and dense underground.
	80.00 Chs.

Subdivision of T. 34 S., R. 24 E. Continued.

Chains	
	East, on a random line, bet. Secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
80.08	Intersect E. bdy. of Tp., at the cor. of Secs. 25, 30, 31 and 36. heretofore described.
	Thence I run West, on a true line, bet. Secs 25 and 36.
	Over rolling land, descend through dense artemisia.
40.04	Set a sandstone 22 x 16 x 5 ins. 16 ins. in the ground, for ¼ sec. cor., marked ¼ S. on W. face; dig pits 18 x 18 x 12 ins. E. and W. 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
41.50	Draw, 40 ft. deep, course W. ascend.
78.50	Enter heavy cedar and pinon timber bears W. and S.
80.08	The cor. of Secs. 25, 26, 35 and 36. Land rolling. Soil, sandy loam 2nd and 3rd Rate. Timber cedar and pinon. Dense undergrowth on heavily timbered land 80.08 chs.
	N. 0° 01' W. bet. Secs. 25 and 26. Descend through heavy cedar and pinon timber.
2.00	Top of ascent, bears E. and W. Descend.
33.00	Ravine, 100 ft. deep, course W. ascend.
40.00	Set a sandstone 18 x 12 x 6 ins.

Subdivision of T. 34 S. R. 24 E. Con

Chains	
	12 ins. in the ground for ¼ Sec. Cor. marked ¼ S. on W. face:
	from which
	A Cedar, 12 ins. diam. bears N. 82° E., 14 lks. dist. marked ¼ S. 25. B. T.
	A Cedar, 10 ins. diam. bears S. 40° W., 9 lks. dist. marked ¼ S. 26. B. T.
80.00	Set a Sandstone 18×10×6 ins. 12 ins. in the ground. for Cor. of Secs. 23, 24, 25 & 26. marked with 2 notches on S., and 1 notch on E. edges:
	from which
	A pine 4 ins. diam. bears N. 13° 30' E. 17 lks. dist. marked T. 34 S., R. 24 E., S. 24, B. T.
	A pine 6 ins. diam., bears S. 41° E., 56 lks dist. marked T. 34 S., R. 24 E., S. 25, B. T.
	A pine 7 ins. diam., bears S. 38° 30' W. 26 lks. dist. marked T. 34 S., R. 24 E., S. 26. B. T.
	A Cedar, 20 ins. diam., bears N. 30° W., 18 lks. dist. marked T. 34 S. R. 24 E., S. 23. B. T.
	Land, rolling
	Soil, Sandy loam 3rd & 4th Rate
	Timber Cedar and pine
	Heavily timbered land 80.00 chs.
	December 30: At this Cor I set off 23° 09' S. on the decl. arc: and at 0h 03m p. m. L. M. T. observe the sun on the meridian, the resulting Lat. is 37° 50' N.

Subdivision of T. 34 S., R. 24 E. Continued

Chains	
	East. on a random line,
	bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect E. bdy. of Tp.
	at the cor. of secs. 19, 24, 25 and 30.
	heretofore described.
	Thence N.
	West, on a true line,
	bet. secs. 24 and 25.
	Descend, through dense artemisia
.10	Ravine, 100 ft. deep. Course S. W.
	Ascend.
8.00	Top of spur, projects S.
	Descend.
12.00	Draw, 50 ft. deep. Course S.
	Ascend.
18.00	Begin descent.
39.75	Draw, 80 ft. deep, Course S. W.
	Ascend.
40.00	Set a sandstone 26×7×7 ins. 20
	ins. in the ground, for ¼ sec.
	Cor., marked ¼ S. on W. face:
	dig pits 18×18×12 ins., E. and W.
	of stone, 3 ft. dist., and
	raise a mound of earth,
	3½ ft. base, 1½ ft. high, W. of cor.
54.00	Top of spur, projects S.
	Descend.
70.00	Enter scattering cedar and pinon
	timber.
76.60	Draw, 50 ft. deep, Course S. Ascend.
78.50	Enter heavy cedar and pinon
	timber bears W. and S.
80.00	The cor. of secs. 23, 24, 25 and 26.
	Land, rolling.
	Soil, sandy loam,
	2nd and 3rd Rate.
	Timber cedar and pinon,
	dense undergrowth on
	heavily timbered land. 80.00 chs.

Subdivision of T. 34 S. R. 24 E. Contin

Chains N. 0°01' W. bet. secs. 23 and 24.
Over rolling land, ascend through heavy cedar and pine on timber.
12.00 Leave timber, bears E. and W.
Enter dense artemisia.
32.00 Top of ascent, bears E. and W.
Descend.
40.00 Set a cedar post, 3 ft. long 4 ins. sq. 24 ins. in the ground, for ¼ sec. cor. marked ¼ S. 23. on W. and 24, on E. faces: dig pits 18×18×12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
53.00 Draw, 50 ft. deep. Course N. W.
Ascend.
56.00 Begin descent.
80.00 Set a sandstone, 16×12×6 ins. 11 ins. in the ground, for Cor. of Secs. 13, 14, 23 and 24, marked with 3 notches on the S. and 1 notch on the E. edges: dig pits 18×18×12 ins., in each Sec. 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of Cor.
Land, rolling.
Soil, Sandy loam, 2nd and 3rd Rate.
Timber Cedar and pine on.
Dense undergrowth on heavily timbered land 80.00 chs.

East, on a random line, bet. Secs. 13 and 24.
40.00 Set temp. ¼ Sec. Cor.
80.10 Intersect E. bdy. of Tp. at the Cor. of Secs. 13, 18, 19 and 24.

Subdivision of T. 34 S., R. 24 E. Continued

Chains	
	heretofore described.
	Thence I run
	West, on a true line,
	bet. Secs. 13 and 24.
	Ascend through dense artemisia.
5.00	Top of ascent, bears N. and S.
	Descend.
	Enter scattering cedar and pinion timber.
40.05	Set a sandstone, 20×12×5 ins. 15 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face: from which
	A pinon, 4 ins. diam., bears N. 80° E., 24 lks. dist., marked ¼ S. 13, B. T.
	A pinon, 6 ins. diam., bears S. 15° W. 57 lks. dist., marked ¼ S. 24, B. T.
55.00	Leave scattering timber and dense artemisia.
	Enter scattering artemisia and bunch grass.
57.00	Draw, 40 ft. deep, Course N. W.
	Ascend.
60.00	Top of spur, projects N. W.
	Descend.
63.70	Draw, 40 ft. deep, Course N. W.
	Ascend.
80.10	The cor. of Secs. 13, 14, 23 and 24.
	Land, rolling.
%	Soil, sandy loam, 2nd and 3rd Rate.
	Timber, cedar and pinion.
	Dense undergrowth, 55.00 chs.
	December 30, 1901

Dec. 31, 1901: At 8 A.M., l. m. – t., I set off 37° 51' N. on the lat. arc: 23° 03' S. on the decl. arc: and determine a true

Subdivision of T. 34 S., R. 24 E. Continu

Chains	
	meridian, with the Solar, at the Cor. of Secs. 13, 14, 23 and 24. Thence E. run N. 0°01' W. bet. Secs. 13 and 14 Descend, through dense artemisia.
23.50	Top of Sands-tone ledges, 50 ft. high, bear E. and W.
26.00	Bottom of ravine 150 ft. deep Course W. ascend.
28.50	Top of Sands-tone ledges, 50 ft. high, bear E. and W.
29.00	Top of Spur, projects W. Descend over broken ledges.
32.00	Bottom of ravine, 150 ft. deep, Course W. Ascend over broken ledges
40.00	Set a Sands-tone 18 x 8 x 8 ins. 12 ins. in the ground, for ¼ Sec. cor., marked ¼ S. on W. face: and raise a mound of Stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
42.00	Top of Spur, projects W. Descend over broken ledges.
54.00	Enter bottom land.
56.00	Boulder Creek, now dry, in a wash 15 ft. wide, 10 ft. deep, in bottom of Boulder Canon 150 ft. deep, Course S. W.
58.00	Leave bottom land, ascend abruptly over Sands-tone ledges, bearing S. W. and N. E.
65.00	Top of abrupt ascent, gradual ascent over Stony Soil.
80.00	Set a Sands-tone 24 x 12 x 4 ins 18 ins. in the ground, for Cor. of Secs. 11, 12, 13 and 14,

Subdivision of T. 34 S. R. 24 E. Continued

Chains	
	marked with 4 notches on the S. and 1 notch on the E. edges: and raise a mound of stone, 2 ft. base, 1½ ft. high. W. of Cor. Pits impracticable. Land, rolling and mountainous. Soil, stony 3rd and 4th Rate. No timber. Mountainous land or dense undergrowth, 80.00 chs.
	East, on a random line, bet. Secs. 12 and 13.
40.00	Set temp. ¼ Sec. cor.
80.12	Intersect E. bdy. of Tp. at Cor. of Secs. 7, 12, 13 and 18. heretofore described. Thence I run West, on a true line, bet. Secs. 12 and 13. Over rolling land, descend through dense artemisia.
40.06	Set a sandstone 24 x 10 x 4 ins. 18 ins. in the ground, for ¼ Sec. cor., marked ¼ S. on N. face: dig pits 18 x 18 x 12 ins. E. and W. of stone, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
64.50	Abrupt descent over broken sandstone ledges. bearing N. E. and S. W.
67.50	Boulder Creek, now dry, in Boulder Canon 125 ft. deep, Course S. W. Ascend over broken ledges.

Subdivision of T. 34 S., R. 24 E. Continued

Chains	
70.00	Leave sandstone ledges. Ascend over stony land.
80.12	The cor. of Secs. 11, 12, 13 and 14. Land rolling and mountainous. Soil stony. 3rd and 4th Rate. Timber, scattering cedar. Mountainous or dense undergrowth. 80.12 chs. December 31: At this cor. I set off 23°05' S. on the decl. arc: and at 0h 03' p.m. l. m. t. observe the sun on the meridian, the resulting lat. is 37°52' N.
	N. 0°01' W. bet. Secs. 11 and 12 Over rolling land. ascend through dense artemisia.
23.00	Top of ascent, bears E. and W. Descend.
40.00	Set a sandstone 18 × 12 × 3 ins. 12 ins. in the ground, for ¼ sec. cor., marked ¼ S. on W. face: dig pits 18 × 18 × 12 ins. N. and S of stone. 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
50.00	Stake and rider fence, belonging to B. J. King, bears E. and W.
58.00	Dry run, course E. Ascend.
75.00	Top of knoll, 50 ft. high. Descend.
80.00	Set a sandstone 12 × 12 × 4 ins. 8 ins. in the ground, for cor. of Secs. 1, 2, 11 and 12, marked with 5 notches on the S.

Subdivision of T. 34 S. R. 24 E. Continued

Chains	
	and 1 notch on the E. edges: dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, N. of Cor.
	Land, rolling.
	Soil, sandy loam, 2nd and 3rd Rate.
	No timber.
	Dense undergrowth. 80.00 chs.
	East, on a random line, bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
80.14	Intersect E. bdy. of Tp. at the cor. of secs. 1, 6, 7 and 12. heretofore described.
	Thence I run
	West, on a true line, bet. secs. 1 and 12.
	Over rolling land, descend through dense artemisia.
28.00	Boulder Creek, now dry, in Boulder Canon, 75 ft. deep, course S. ascend.
40.07	Set a sandstone, 15 x 8 x 5 ins. 10 ins. in the ground, for ¼ sec. cor. marked ¼ S. on N. face: and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of Cor.
	Pits impracticable.
49.00	Enter heavy cedar and pinon timber, bears N. and S.
51.50	Top of spur, projects S. Descend.
55.00	Leave timber, bears N. and S.
72.35	Dry run, course S. ascend.

Subdivision of T. 34 S., R. 24 E. Continued.

Chains	
80.14	The cor. of Secs. 1, 2, 11 and 12. Land, rolling. Soil, Sandy loam and Stony 3rd and 4th Rate. Timber, Cedar and pinion. Heavily-timbered or dense undergrowth 80.14 chs.
	N. 0° 01' W. on a random line, bet. secs. 1 and 2.
40.00	Set temp. ¼ Sec. cor.
79.94	Intersect N. bdy. of Tp. 3 lks. west of the cor. of Secs. 1, 2, 35 and 36, which is a sandstone 8×12×3 ins. above the ground, marked as returned under Contract No. 238, of James M. Lentz Dl. S. Thence I run South, on a true line, bet. secs. 1 and 2. Over rolling land, ascend through dense artemisia
11.00	Top of ascent, bears E. and W. Descend.
39.94	Set a Sandstone 14×12×3 ins. 10 ins. in the ground, for ¼ Sec. cor. marked ¼ S. on the W. face. dig pits 18×18×12 ins. N. and S. of Stone, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of Cor.
79.94	The Cor. of Secs. 1, 2, 11 and 12. Land Rolling. Soil, Sandy. 3rd Rate. No timber. Dense undergrowth, 79.94 chs. December 31, 1901.

Subdivision of T. 34 S., R. 24 E. Continued.

Chains

January 1, 1902: At 8 a. m., l. m. t. I set off 37°48' N. on the lat. arc: 22°59' S. on the decl. arc: and determine a true meridian at the cor. of Secs. 2, 3, 34 and 35, heretofore described, on the S. bdy. of the Tp.

Thence I run N. 0°01' W. bet. Secs. 34 and 35. Over rocky land, and boulders, descend abruptly through scattering cedar and pinon timber

4.00 Perpendicular sandstone ledges 150 ft. high, bear N. W. and S. E.

14.00 Foot of abrupt descent, bears N. W. and S. E.

Leave timber and rocky land, enter bottom land, through dense artemisia and scrub oak.

20.50 Montezuma Creek, 8 lks. wide, 6 ins. deep, in a wash 30 ft. wide, 15 ft. deep, in bottom of Montezuma Cañon 1000 ft. deep, Course S. E.

27.50 Leave bottom land, and dense undergrowth, begin abrupt ascent over sandstone ledges, bear N. W. and S. E.

28.00 Perpendicular sandstone ledges 100 ft. high, bear N. W. and S. E. ascend.

40.00 Top of rocky spur, 800 ft. above Montezuma Cañon, projects N. W.

Set a sandstone 30x20x10 ins. 23 ins. in the ground, for ¼ sec. cor. marked ¼ S. on W. face: and raise a mound

Subdivision of T. 34 S. R. 24 E. Continued

Chains	
	of stone, 2 ft. base, 1½ ft. high.
	W. of cor.
	Lib. impracticable.
	Begin abrupt descent over
	broken ledges, bearing
	N. W. and S. E.
66.00	Boulder Creek, 3 lks. wide, 3 ins.
	deep, pure water in canon,
	800 ft. deep. Course S. W.
	Begin abrupt ascent.
75.00	Top of abrupt ascent.
	Enter hedge cedar and pinon
	timber bears N. E. and S. W.
	Ascend.
80.00	Set a red sandstone 24 x 20 x 6
	ins., 18 ins. in the ground,
	for cor. of secs. 26, 27, 34 and 35.
	marked with 1 notch on
	the S. and 2 notches on
	the E. edges.
	from which
	A pinon 6 ins. diam., bears
	N. 26° E., 17 lks. dist. marked
	T. 34 S., R. 24 E., S. 26, B. T.
	A pinon, 5 ins. diam., bears
	S. 31° E., 28 lks. dist. marked
	T. 34 S., R. 24 E., S. 35, B. T.
	A cedar, 30 ins. diam., bears
	S. 20° W., 29 lks. dist. marked
	T. 34 S., R. 24 E., S. 34, B. T.
	A pinon, 10 ins. diam., bears
	N. 72° W., 11 lks. dist. marked
	T. 34 S., R. 24 E., S. 27, B. T.
	Land mountainous.
	Soil rocky and bottom land.
	2nd, 3rd and 4th Rate.
	Timber cedar and pinon.
	Mountainous land, 80.00 chs.

Subdivision of T. 34 S., R. 24 E. Continued.

Chains	
	East, on a random line, bet. Secs. 26 and 35.
40.00	Set temp. ¼ Sec. Cor.
80.10	Intersect N. and S. line, 5 lks. South of the Cor. of Secs. 25, 26, 35 and 36. Thence I run S. 89° 58' W. on a true line, bet. Secs. 26 and 35. Over rolling land, descend through heavy Cedar and pinon timber.
35.00	Top of perpendicular Sandstone ledges, bearing N. and S. 150 ft. high. Descend over rocky land and boulders.
40.05	The point for ¼ Sec. Cor. falls on a boulder 10×10×4 ft. above the ground, I cut a cross (X) at exact Cor. point, and mark ¼ S. on N. side of cross. from which A cedar, 10 ins. diam., bears N. 10° E. 21 lks. dist., marked ¼ S. 26 B. T. A Cedar, 8 ins. diam., bears S. 40° E. 35 lks. dist. marked ¼ S. 35 B. T.
60.00	Descend abruptly.
70.00	Boulder Creek, 3 lks. wide, 2 ins. deep, pure water in Canon 700 ft. deep, Course S. W.
-	Begin abrupt ascent.
76.00	Top of abrupt ascent, begin gradual ascent.
80.10	The Cor. of Secs. 26, 27, 34 and 35. Land, mountainous and rolling.

Subdivision of T. 34 S., R. 24 E. Contin

Chains	
	Soil loam and rocky 3rd and 4th Rate. Timber, cedar and pinon. Mountainous land or heavily timbered. 80.10 chs. January 1st, 1901: At this Cor. I set off 23° 01' S. on the lat. arc: and at 0h 03' p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 37° 49' N.
	N 0° 01' W. bet. secs. 26 and 27. Over rocky land, ascend over bowlders along the E. slope of a spur ridge, projecting S. through heavy cedar and pinon timber.
40.00	Set a sandstone 20 x 20 x 5 ins. 15 ins. in the ground, for ¼ sec. cor., marked ¼ S. on W. face: from which A cedar, 12 ins. diam., bears N. 42° E., 28 lks. dist., marked ¼ S. 26. B. T. A cedar, 12 ins. diam., bears S. 76° W., 9 lks. dist., marked ¼ S. 27. B. T.
80.00	Set a sandstone 22 x 16 x 14 ins. 16 ins. in the ground, for Cor. of secs. 22, 23, 26 and 27, marked with 2 notches on the S. and E. edges: from which A pinon, 6 ins. diam., bears N. 38° E., 6 lks. dist., marked T. 34 S., R. 24 E., S. 23. B. T.

Subdivision of T. 34 S., R. 24 E. Continued

Chains

A pin on, 5 ins. diam., bears
S. 17° E., 13 lks. dist. marked
T. 34 S., R. 24 E., S. 26. B. T.
A Cedar, 8 ins. diam., bears
S. 68° 30' W., 15 lks. dist. marked
T. 34 S., R. 24 E., S. 27, B. T.
A Cedar, 7 ins. diam., bears
N. 41° W., 16 lks. dist. marked
T. 34 S., R. 24 E., S. 22, B. T.
Land mountainous.
Soil, rocky, 4th Rate.
Timber Cedar and pin on.
Mountainous and
heavily timbered 80.00 chs.

N. 89° 58' E. on a random line,
bet. secs. 23 and 26.
40.00 Set temp. ¼ Sec. Cor.
80.08 Intersect N. and S. line, 5 lks.
North, of the Cor. of Secs.
23, 24, 25 and 26.
Thence I run
West, on a true line,
bet. Secs. 23 and 26.
Over rolling land, descend
through heavy Cedar and
pin on timber.
35.70 Top of Sandstone ledges, 150 ft.
high, bear N. W. and S. E.
Leave heavy timber, bears
N. W. and S. E. enter scattering
timber, begin abrupt
descent over boulders.
40.04 Point for ¼ Sec. Cor. falls on
a boulder 20 x 15 x 15 ft. above
the ground, I cut a cross (X)
at exact Cor. point and
mark ¼ S. on N. side of cross,

Subdivision of T. 34 S. R. 24 E. Continu

Chains	
	And raise a mound of stone 2 ft. base, 1½ ft. high. N. of Cor. Pits impracticable.
62.00	Boulder Creek, now dry, in Canon 400 ft. deep, Course S. ascend.
	Enter heavy cedar and pinon bearing N. and S.
80.08	The Cor. of Secs. 22, 23, 26 and 27. Land, rolling and mountainous. Soil, loam and rocky 3rd and 4th Rate. Timber, cedar and pinon. Mountainous land or heavily timbered, 80.08 chs.
	N. 0° 01' W. bet. Secs. 22 and 23. Over rocky land, and boulders ascend through heavy cedar and pinon timber.
22.60	Perpendicular sandstone ledges, 150 ft. high, bear N. E. and S. W. ascend.
24.00	Leave rocky land.
34.00	Top of ascent, bears E. and W. Descend over rolling land.
39.50	Leave heavy timber, bears E. and W. Enter scattering timber.
40.00	Set a sandstone 18 x 12 x 4 ins. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face: from which A pinon, 6 ins. diam., bears S. 23° W., 28 lks. dist., marked ¼ S. 22. B. T. A pinon, 5 ins. diam., bears S. 76° 30' E., 74 lks. dist., marked ¼ S. 23. B. T.

Subdivision of T. 34 S., R. 24 E. Continued

Chains	
41.00	Leave timber, enter dense artemisia.
57.00	Down, 50 ft. deep, course S. E. ascend
80.00	Set a sandstone 20×12×4 ins. 15 ins. in the ground, for Cor. of Secs. 14, 15, 22 and 23. marked with 3 notches on the S. and 2 notches on the E. edges: from which A bone pine, 10 ins. diam. bears N. 3° W. 45 lks. dist.: marked T. 34 S., R. 24 E., S. 15, B. T. No other trees within limits. and dig pits 18×18×12 ins. in each Sec. 5½ ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, N. of Cor. Land, mountainous and rolling. Soil, sandy loam and stony. 3rd and 4th Rate. Timber, cedar and pine. Mountainous land, heavy timber or dense undergrowth 80.00 chs. January 1, 1901.
	January 2: At 8 a. m. l. m. t. I set off 37° 51' N. on the lat. arc: 22° 54' N. on the decl. arc: and determine a true meridian with the solar, at the Cor. of Secs. 14, 15, 22 and 23. Thence I run East on a random line,

Subdivision of T. 34 S. R. 24 E. Con

Chains

bet. Secs. 14 and 23.

40.00 Set temp. ¼ Sec. Cor.

80.06 Intersect N. and S. line, 5 lks

N. of the Cor. of Secs. 13, 14, 23 and 24.

Thence I run

N. 89° 58' W. on a true line.

bet. Secs. 14 and 23.

Over rolling land, descend

through dense artemisia

20.00 Enter heavy cedar and pine on

timber, bears N. and S.

27.50 Sandstone ledges, 40 ft. high

bear N. and S. descend.

30.00 Boulder Creek, now dry, in

Canon 125 ft. deep, Course

S. Abrupt ascent over

Sandstone ledges.

36.00 Top of Sandstone ledges.

bear N. and S.

Begin gradual ascent

36.50 Leave Sandstone ledges.

40.03 Set a Sandstone 20 x 8 x 5 ins.

15 ins. in the ground, for

¼ Sec. Cor., marked ¼ S. on

N. face:

from which

A cedar, 12 ins. diam., bears

S. 20° W., 25 lks. dist., marked

¼ S. 23. B. T.

A cedar, 14 ins. diam., bears

N. 30° E., 23 lks. dist., marked

¼ S. 14, B. T.

50.00 Leave timber, bears N. and S.

80.06 The Cor. of Secs. 14, 15, 22 and 23.

Land, rolling and mountainous.

Soil, Sandy loam and Stony,

3rd and 4th Rate.

Timber, Cedar and pine on

Mountainous land or

dense undergrowth. 80.16 chs.

Subdivision of T. 34 S., R. 24 E. Continued

Chains	
	N. 0°01' W. bet. secs. 14 and 15.
	Over rolling land, ascend through dense artemisia.
34.25	Leave dense artemisia, enter scattering artemisia and bunch grass.
40.00	Set a Sandstone 16×10×6 ins. 11 ins. in the ground, for ¼ sec. cor., marked ¼ S. on W. face: dig pits 18×18×12 ins. N. and S. of stone, 3 ft. dist. and raise a mound of earth. 3½ ft. base, 1½ ft. high, W. of cor.
44.00	Enter dense artemisia.
80.00	Set a cedar post, 3 ft. long, 4 ins. sq. 24 ins. in the ground with marked stone for cor. of secs. 10, 11, 14 and 15, marked T. 34 S., S. 11 on N. E. R. 24 E. S. 14 on S. E. S. 15 on S. W. and S. 10 on N. W. faces: with 4 notches on S., and 2 notches on E. edges: dig pits, 18×18×12 ins. in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft base, 2 ft. high, W. of cor. Land rolling. Soil sandy loam. 2nd and 3rd Rate. No timber Dense undergrowth, 70.25 chs.
	S. 89°58' E. on a random line, bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. and S. line, 3 lks. S. of the cor. of secs. 11, 12, 13 and 14. Thence I run N. 89°59' W. on a true line,

Subdivision of T. 34 S. R. 24 E. Contin

Chains	
	bet. secs. 11 and 14.
	Over rolling land, ascend through
	dense artemisia.
22.50	Top of flat spur ridge, projecting
	S. Descend.
39.50	Bottom of ravine, 100 ft. deep.
	Course S. E. Ascend.
40.03	Set a sandstone, 20 x 10 x 3 ins. 15
	ins. in the ground, for ¼
	sec. cor. marked ¼ S. on
	N. face; and raise a mound
	of stone, 2 ft. base, 1½ ft.
	high, N. of cor.
	Pits impracticable.
80.06	The cor. of secs. 10, 11, 14 and 15.
	Land, rolling.
	Soil, sandy loam, 2nd and 3rd Rate.
	No timber.
	Dense undergrowth. 80.06 chs.
	January 20. At this Cor. I set
	off 22° 56' S. on the decl. arc.
	and at 0h 04m p. m. l. m. I
	observe the sun on the
	meridian, the resulting
	lat. is 37° 52' N.
	N. 0° 01' W. bet. secs. 10 and 11.
	Over rolling land, ascend
	through dense artemisia.
35.00	Top of ridge, bears E. and W.
	Descend.
40.00	Set a sandstone 22 x 12 x 3 ins.
	16 ins. in the ground, for ¼
	sec. cor. marked ¼ S. on W.
	face from which
	A cedar 5 ins. diam. bears N. 29° E.
	2.34 chs. dist. marked
	¼ S. 11. 13. T.

Subdivision of T. 34 S., R. 24 E. Continued.

Chains	
	A pin oak, 6 ins. diam., bears S. 4° W., 4.85 chs. dist., marked ¼ S. 10. B. T.
65.75	Stake and rider fence, belonging to B. J. King, bears E. and W.
80.00	Set a Sandstone, 24×14×3 ins., 18 ins. in the ground, for Cor. of Secs. 2, 3, 10 and 11, marked with 5 notches on the S. and 2 notches on the E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Pits impracticable.
	Land rolling.
	Soil, loam. 2nd Rate.
	Timber, scattering cedar and pin oak at ¼ Sec. cor.
	Dense undergrowth 80.00 chs.
	S. 89° 59' E. on a random line, bet. Secs. 2 and 11.
40.00	Set temp. ¼ Sec. cor.
80.06	Intersect W. and S. line, 3 lks. S. of the Cor. of Secs. 1, 2, 11 and 12.
	Thence North
	West, on a true line, bet. Secs. 2 and 11.
	Over rolling land, ascend through dense artemisia.
40.03	Set a Sandstone, 14×10×4 ins., 10 ins. in the ground, for ¼ Sec. cor., marked ¼ S. on W. face; dig pits, 18×18×12 ins. E. and W. of stone, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.

Subdivision of T. 34 S., R. 24 E. Contd.

Chains	
64.50	Top of ridge, bears N. and S. Descend.
80.06	The cor. of Secs. 2, 3, 10 and 11. Land rolling. Soil sandy and stony loam, 3rd Rate. Dense undergrowth 80.06 chs.
	N. 0°01' W. on a random line bet. secs. 2 and 3.
40.00	Set temp. ¼ sec. cor.
80.10	Intersect N. bdy. of Tp. 2 Ns. E. of the cor. of secs. 2, 3, 34 and 35. which is a sandstone 8x14x3 ins. above the ground, marked as returned under Contract No. 238, of James M. Lentz Dep. S. Thence I run S. 0°02' E. on a true line, bet. secs. 2 and 3. Over rolling land, ascend through dense artemisia.
40.10	Set a sandstone, 16x12x4 ins., 11 ins. in the ground, for ¼ sec. cor. marked ¼ S. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
66.00	Top of ascent, bears E. and W. Descend.
80.10	The cor. of secs. 2, 3, 10 and 11. Land, rolling. Soil, sandy and stony loam, 3rd Rate. No timber. Dense undergrowth. 80.10 chs.

January 2, 1902

Subdivision of T. 34 S. R. 24 E. Continued.

Chains	
	January 3, 1902; At 8 A.M., L.M.T., I set off 37° 48' N. on the lat. arc: 22° 48' S. on the decl. arc: and determine a line meridian with the Solar, at the Cor. of Secs. 3, 4, 33 and 34, heretofore described, on the S. bdy. of the Tp.
	Thence I run
	N. 0° 02' W. bet. Secs. 33 and 34.
	Over rocky land, descend through heavy cedar and pinion timber.
30.00	Leave heavy timber, bears E. and W.
	Enter scattering timber and scrub oak.
	Begin abrupt descent.
39.25	South fork of Montezuma Creek, now dry; in canon 800 ft. deep. Course N. E.
	Ascend.
40.00	Set a sandstone 30×18×4 ins. 23 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face: from which
	A cedar, 15 ins. diam., bears N. 85° E., 12 lks. dist., marked ¼ S. 34. B. T.
	A cedar, 12 ins. diam., bears N. 84° 30' W., 20 lks. dist., marked ¼ S. 33. B. T.
40.50	Begin abrupt ascent.
58.00	Top of rocky spur, projects E.
	Descend.
70.00	Bottom of ravine, 200 ft. deep
	Course S. E. ascend abruptly.
74.50	Top of steep ascent.
	Leave rocky land.
	Enter heavy cedar and pinion timber, bears E. and W.

Subdivision of T. 34 S., R. 24 E. Continu

Chains	
	Over gradual ascent:
80.00	Set a sandstone, 18 x 8 x 6 ins. 12 ins. in the ground, for Cor. of Secs. 27, 28, 33 and 34: marked with 1 notch on the S. and 3 notches on the E. edges: from which
	A cedar, 8 ins. diam., bears N. 62° E., 11 lks. dist., marked T. 34 S., R. 24 E. S. 27. B. T.
	A pine, 10 ins. diam., bears S. 13° E., 16 lks. dist., marked T. 34 S., R. 24 E., S. 34. B. T.
	A cedar, 12 ins. diam., bears S. 38° 30' W., 50 lks. dist., marked T. 34 S., R. 24 E., S. 33. B. T.
	A cedar, 12 ins. diam., bears N. 62° W., 17 lks. dist., marked T. 34 S., R. 24 E., S. 28. B. T.
	Land mountainous.
	Soil, stony and rocky, 3rd and 4th Rate.
	Timber cedar and pine.
	Mountainous land or heavily timbered. 80.00 chs.
	East, on a random line, bet. Secs. 27 and 34.
40.00	Set temp. ¼ Sec. Cor.
81.12	Intersect N. and S. line, at the Cor. of Secs. 26, 27, 34 and 35.
	Thence I run
	West, on a true line, bet. Secs. 27 and 34.
	Over rocky land, ascend over boulders, through heavy cedar and pine timber.
18.00	Top of rocky ridge, projecting S.

Subdivision of T. 34 S. R. 24 E. Continued

Chains	
	Leave heavy timber, bears N. and S. Enter scattering timber.
	Begin abrupt descent, over broken sandstone ledges, bearing N. W. and S. E.
34.00	Perpendicular sandstone ledges, 150 ft. high, bear N. W. and S. E. descend.
36.00	Foot of abrupt descent. Leave timber, over bottom land through dense artemisia and scrub oak.
40.06	Set a sandstone 20×10×8 ins., 15 ins. in the ground, for ¼ sec. Cor. marked ¼ S. on N. face: and raise a mound of stone, 2 ft. base, 1½ ft. high. N. of Cor. Pits impracticable.
44.25	North Montezuma Creek, 3 lks. wide, 4 ins. deep, pure water, in a wash 15 lks. wide, 30 ft. deep, in bottom of Canon, 1000 ft. deep. Course S. E. Junction of North and South Montezuma Canons, 25.00 Chs. S.
49.00	Leave bottom land, and dense undergrowth. Begin abrupt ascent over broken sandstone ledges, through scattering cedar and pinon timber.
50.50	Perpendicular sandstone ledges 100 ft. high, bear N. W. and S. E. ascend.
64.00	Top of steep ascent. Enter heavy cedar and pinon timber bears N. W. and S. E. Over gradual ascent.

Subdivision of T. 34 S., R. 24 E. Continu

Chains	
80.12	The cor. of secs. 27, 28, 33 and 34. Land, mountainous. Soil, stony, rocky and bottom land, 2nd 3rd and 4th Rate. Timber, cedar and pinion. Mountainous land, dense undergrowth or heavily timbered. 80.12 lks. January 3; At this cor. I set off 22° 50' S. on the decl. arc: and at 0h. 04m. p. m., l. m. t. observe the sun on the meridian, the resulting lat. is 37° 49' N.
	N. 0° 02' W. bet. secs. 27 and 28. Ascend through heavy cedar and pinion timber.
10.00	Top of ridge, bears E. and W. Descend.
39.00	Ravine, 100 ft. deep, course N. E. Ascend.
40.00	Point for ¼ sec. cor. falls on a boulder 5 x 3 x 3 ft. above the ground, I cut a cross (x) at exact cor. point, and mark ¼ S. on W. side of cross. from which A pinion, 4 ins. diam., bears N. 32° E., 23 lks. dist., marked ¼ S. 27. B. T. A pinion 5 ins. diam., bears N. 72° W., 26 lks. dist., marked ¼ S. 28. B. T.
41.50	Top of spur projects E. Begin abrupt descent, over broken sandstone ledges bearing N. W. and S. E.

Subdivision of T. 34 S. R. 24 E. Continued

Chains	
52.00	Bottom of ravine, 800 ft. deep, Course S. E. Abrupt ascent over broken Sandstone ledges. Leave heavy timber bears N. W. and S. E., enter scattering timber.
64.00	Top of rocky spur ridge, projecting S. E. Begin abrupt descent.
76.75	Bottom of ravine, 700 ft. deep, Course S. E. Ascend over rocky land and boulders.
80.00	Point for sec. cor. falls on a sandstone boulder 8 x 4 x 3 ft. above the ground. I cut a cross (X) at exact cor. point, and mark 2 grooves on S. and 3 grooves on E. side of cross. from which A cedar, 10 ins. diam. bears N. 89° W., 23 lks. dist., marked T. 34 S., R. 24 E., S. 21, B. T. A cedar, 15 ins. diam., bears S. 82° W., 25 lks. dist., marked T. 34 S., R. 24 E., S. 28, B. T. No other trees within limits, and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Land mountainous. Soil stony and rocky. 3rd and 4th Rate Timber, cedar and pinion. Mountainous land or heavily timbered 80.00 chs.

Subdivision of T. 34 S. R. 24 E. Cont

Chains.

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

40.00 Set temp. ¼ sec. cor.

80.14 Intersect N. and S. line. 7 lks. S. of the cor. of secs. 22, 23, 26 and 27.

Thence I run S. 89° 57' W. on a true line, bet. secs. 22 and 27.

Over rocky land and boulders ascend through heavy cedar and pine timber.

15.00 Top of ridge, bears N. and S. Leave heavy timber, bears N. and S. Enter scattering timber. Begin abrupt descent over broken sandstone ledges bearing N. N. and S. E.

40.07 Set a sandstone 28x24x10 ins. 21 ins. in the ground, for ¼ sec. cor., marked ¼ S. on N. face: and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Pits impracticable.

49.00 Perpendicular sandstone ledges 100 ft. high, bear N. N. and S. E. descend.

50.50 Foot of abrupt descent, enter bottom land, through dense artemisia and scrub oak.

56.50 North Montezuma Creek, 3 lks. wide, pure water, 6 ins. deep, in a wash 15 ft. wide, and 15 ft. deep, in bottom of North Montezuma Canon 800 ft. deep. Course S. E.

63.00 Leave bottom land, and dense undergrowth.

Subdivision of T. 34 S. R. 24 E. Continued.

Chains	
	Begin abrupt ascent over broken sandstone ledges.
64.50	Perpendicular sandstone ledges. 100 ft. high. bear N. and S.
72.00	Top of rocky spur, projecting S. E. 700 ft above the Canon. Descend abrupty over broken sandstone ledges bearing N. W. and S. E.
77.25	Foot of sandstone ledges. bearing N. W. and S. E. Descend over rocky land and boulders, through scattering cedar and pinon timber.
80.14	The cor. of Secs. 21, 22, 27 and 28. Land mountainous. Soil rocky. 4th Rate — Timber, Cedar and pinon. Mountainous land or heavily timbered. 80.14 chs.

	N. 0° 02' W. bet. secs. 21 and 22. Ascend over rocky land and boulders through scattering cedar and pinon timber.
1.50	Ascend abrupty over broken sandstone ledges. bearing N. W. and S. E.
12.00	Top of spur ridge, projecting S. E. 600 ft. above the sec. cor. Descend over broken sandstone ledges. bearing N. 20° W. and S. 20° E.
40.00	Set a sandstone. 15 x 10 x 6 ins.

Subdivision of T. 34 S., R. 24 E. Contin

Chains	
	10 ins. in the ground, for ¼ sec. cor., marked ¼ S. on W. face: and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
72.00	Perpendicular sandstone ledges 60 ft. high, bear N. 15° W. and S. 15° E. descend.
80.00	Point for sec. cor. falls on a boulder 36×36×12 ins., above the ground, for cor. of secs. 15, 16, 21 and 22, I cut a cross (X) at exact cor. point, and mark 34 S. on S. W. and 24 E. on N. W. sides, with 3 grooves on the S. and E. sides of cross:
	from which.
	A cedar, 8 ins. diam., bears S. 40° E., 95 lks. dist., marked T. 34 S., R. 24 E., S. 22, B. T.
	A pinon, 3 ins. diam., bears S. 50° W., 28 lks. dist., marked T. 34 S., R. 24 E., S. 21. B. T.
	A cedar, 10 ins. diam., bears N. 83° W., 37 lks. dist., marked T. 34 S., R. 24 E., S. 16. B. T.
	No other trees within limits, and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land mountainous
	Soil, rocky, 4th Rate.
	Timber, cedar and pinon.
	Mountainous land, 80.00 chs.
	January 3, 1902.

Subdivision of T. 34 S., R. 24 E. Continued

Chains	
	January 4, 1902: At 8 A.M. l.m.t. I set off 37°51' N. on the lat. arc: 22°42' S. on the decl. arc: and determine a line meridian with the Solar, at the cor. of Secs. 15, 16, 21 and 22.
	Thence I run
	N. 89°57' E. on a random line, bet. Secs. 15 and 22.
40.00	Set temp. ¼ Sec. cor.
80.08	Intersect N. and S. line, 2 lks. N. of the cor. of Secs. 14, 15, 22 and 23.
	Thence I run
	S. 89°58' W. on a true line, bet. Secs. 15 and 22.
	Ascend through dense artemisia
8.00	Enter heavy cedar and pinion timber bearing N. and S.
12.00	Top of ascent, bears N. and S. Descend.
34.00	Top of perpendicular sandstone ledges, 100 ft. high, bearing N. and S. Descend.
	Leave heavy timber, bears N. and S. Enter scattering timber.
	Begin abrupt descent over rocky land and boulders.
40.04	Set a sandstone, 16 × 10 × 4 ins. 11 ins. in the ground, for ¼ Sec. cor., marked ¼ S. on N. face: and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
75.50	Descend over broken ledges bearing N.W. and S.E.
78.50	North Montezuma Creek, 3 lks. wide, pure water, 4 ins. deep,

Chains	
	in Canon 700 ft. deep, Course S. 20° E.
	Ascend abuptly over broken sandstone ledges.
80.08	The Cor. of Secs. 15, 16, 21 and 22.
	Land, rolling and mountainous.
	Soil loam and rocky 3rd and 4th Rate.
	Timber, Cedar and pinon.
	Dense undergrowth, heavily timbered or mountainous land. 80.08 chs.
	N. 0° 02' W. bet. Secs. 15 and 16.
	Descend, abuptly over broken sandstone ledges.
1.50	North Montezuma Creek, 3 lks. wide, pure water, 4 ins. deep, in Canon 700 ft. deep, Course S. 20° E.
	Ascend along the E. side of North Montezuma Canon, over broken sandstone ledges and boulders, through scattering cedar and pinion timber.
40.00	Falls on a sandstone boulder, 6 x 6 x 3 ft. above the ground, I cut a cross (X) at exact Cor. point, and mark ¼ S. on W. side of cross:
	from which
	A cedar, 12 ins. diam., bears N. 52° E., 17 lks. dist., marked ¼ S. 15, B. T.
	A pinon, 6 ins. diam., bears N. 22° W. 20 lks. dist., marked ¼ S. 16. B. T.
80.00	The point for Sec. Cor. falls

Subdivision of T. 34 S., R. 24 E. Continued

Chains	
	on a sandstone boulder, 8 x 6 x 4 ft. above the ground, I cut a cross (X) at exact Cor. point, and mark 4 grooves on S., and 3 grooves on E. edges: from which A cedar, 5 ins. diam., bears N. 55° E., 41 lks. dist., marked T. 34 S. R. 24 E., S. 10, B. T. A pinon, 7 ins. diam., bears S. 55° E., 23 lks. dist., marked T. 34 S. R. 24 E., S. 15, B. T. A cedar, 5 ins. diam., bears S. 56° W., 31 lks. dist., marked T. 34 S. R. 24 E., S. 16, B. T. A pinon, 5 ins. diam., bears N. 04° W., 6 lks. dist., marked T. 34 S. R. 24 E., S. 9, B. T. Land, mountainous. Soil stony. 4th Rate Timber. Cedar and pinon. Mountainous Land, 80.00 chs.
	N. 89° 58' E. on a random line, bet. secs. 10 and 15.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. and S. line, 5 lks. N. of the Cor. of secs. 10, 11, 14 and 15.
	Thence I run West on a true line, bet. secs. 10 and 15.
	Over rolling land, descend through dense artemisia.
30.00	Enter heavy cedar and pinion timber, bears N. and S.
40.03	Set a sandstone 36 x 12 x 6 ins., 27 ins. in the ground, for ¼

Subdivision of T. 34 S. R. 24 E. Contin

Chains

Sec. cor. marked ¼ S., on N. face: from which
A cedar, 10 ins. diam., bears N. 32° E. 21 lks. dist., marked ¼ S. 10. B. T.
A cedar, 8 ins. diam., bears S. 18° W. 17 lks. dist., marked ¼ S. 15, B. T.

42.00 Perpendicular sandstone ledges 100 ft. high, bear N. W. and S. E. Descend over rocky land and boulders.

77.00 Begin abrupt descent.

80.06 The cor. of Secs. 9, 10, 15 and 16. 500 ft. below the ¼ sec. cor. Land rolling and mountainous. Soil, sandy loam and rocky. 3rd and 4th Rate. Timber, cedar and pinion. Dense undergrowth, heavily timbered or mountainous land. 80.06 chs.

January 4: At this Cor. I set off 22° 44' S. on the decl. arc: and at 0h. 05m. p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 37° 52' N.

N. 0° 02' W. bet. Secs. 9 and 10. Over rocky land, ascend over boulders, through heavy cedar and pinion timber.

40.00 Set a sandstone 30 x 20 x 10 ins. 23 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face:
from which

Subdivision of T. 34 S., R. 24 E. Continued.

Chains	
	A cedar, 18 ins. diam., bears N. 32° E., 20 lks. dist., marked T. S. 10, B. T.
	A pinon, 8 ins. diam., bears N. 28° W., 21 lks. dist., marked ¼ S. 9, B. T.
48.00	Perpendicular sandstone ledges, 150 ft. high, bear N. W. and S. E. Ascend.
49.00	Leave rocky land. Ascend gradually.
80.00	Set a Sandstone 16×14×4 ins. 11 ins. in the ground, for Cor. of Secs. 3, 4, 9 and 10. marked with 5 notches on the S. and 3 notches on the E. edges: from which
	A cedar, 10 ins. diam., bears N. 54° E., 37 lks. dist., marked T. 34 S., R. 24 E., S. 3, B. T.
	A cedar, 5 ins. diam., bears S. 08° E., 28 lks. dist., marked T. 34 S., R. 24 E., S. 10, B. T.
	A pinon, 12 ins. diam., bears S. 52° 30′ W., 25 lks. dist., marked T. 34 S., R. 24 E., S. 9, B. T.
	A cedar, 30 ins. diam., bears N. 48° W., 29 lks. dist., marked T. 34 S., R. 24 E., S. 4, B. T.
	Land, rolling and mountainous Soil, sandy loam, and rocky. 3rd and 4th Rate.
	Timber, cedar and pinon. Mountainous land or heavily-timbered.
	80.00 Chains.

Subdivision of T. 34 S., R. 24 E. Cont

Chains	
	East, on a random line, bet. secs. 3 and 10.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, at the cor. of secs. 2, 3, 10 and 11. Thence I run West, on a true line, bet. secs. 3 and 10. Over rolling land, descend through dense artemisia.
13.50	Drain, 50 ft. deep, course N. ascend.
16.00	Descend.
40.00	Set a sandstone 24×10×3 ins. 18 ins. in the ground for ¼ sec. cor., marked ¼ S., on N. face: and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable
66.50	Enter heavy cedar and pinon timber bears N.W. and S.E.
80.00	The cor. of secs. 3, 4, 9 and 10. Land, rolling. Soil, loam 2nd Rate. Timber, cedar and pinon. Dense undergrowth or heavily timbered. 80.00 chs.

	N. 0° 02' W. on a random line, bet. secs. 3 and 4.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. bdy. of Tp. at the cor. of secs. 3, 4, 33 and 34. which is a sandstone, 8×10×3 ins. above the ground, marked as returned under Contract No. 238. of James

Subdivision of T. 34 S., R. 24 E. Continued

Chains	
	M. Lentz Ll. S.
	Thence I run
	S. 0° 02' E. on a true line,
	bet. secs. 3 and 4.
	Over rolling land, descend
	through dense artemisia.
27.00	Perpendicular sandstone
	ledges, 75 ft. high bearing
	N. E. and S. W. descend.
	Over rocky land, through
	dense scrub oak.
36.75	Eaga Creek, now dry, in Canon
	200 ft. deep. Course S. W.
	ascend.
40.06	Set a sandstone 15×12×6 ins.
	10 ins. in the ground, for
	¼ sec. cor., marked ¼ S. on
	W. face: and raise a mound
	of stone, 2 ft. base, 1½ ft.
	high, W. of cor.
	Pits impracticable.
	The junction of North
	Montezuma Creek and Eaga
	Creek, both dry at time
	of survey, is west, 2.00
	chs. dist.
45.00	Perpendicular sandstone ledges,
	50 ft. high, bear N. E. and S. W.
	Leave oak brush, enter
	dense artimesa and
	scattering cedar and pinion
	timber.
45.50	Leave rocky land.
	over gradually ascending
	land.
76.50	Enter heavy cedar and
	pinion timber, bearing
	N. W. and S. E.
80.06	The cor. of secs. 3, 4, 9 and 10.
	Land rolling and mountainous.

Subdivision of T. 34 S. R. 24 E.

Chains

Soil, loam and clay
2nd, 3rd and 4th Rate—
Timber, Cedar and pinon.
Mountainous land, dense
undergrowth or
heavily timbered 80.06 chs.
January 4, 1902

January 5: At 8 A. M., L. M. t.
I set off 37°48' N. on the lat.
arc; 22°36' S. on the decl. arc
and determine a line
meridian with the solar,
at the cor. of secs. 4, 5, 32 and 33,
heretofore described, on
the S. bdy. of the Tp.
Thence I run
N. 0°03' W. bet. secs. 32 and 33.
Over rocky land, ascend
through scattering cedar, pinon
and scrub oak.

2.25 Top of spur, projecting N. E.
Descend.

16.00 Abrupt descent.

18.85 Bottom of ravine, 300 ft. deep.
Course N. E. ascend.

19.50 Top of spur, projecting E.
Descend.

21.00 South Montezuma Creek.
3 lks. wide, 4 ins. deep, in
Canon 700 ft. deep. Course
E.
Begin abrupt ascent over
Sandstone boulders and
broken ledges.

40.00 Set 2 sandstone 15 x 8 x 5 ins.
12 ins. in the ground, for 1/4
Sec. Cor. marked 1/4 S. on W.
face, from which

Subdivision of T. 34 S., R. 24 E. Continued

Chains	
	A cedar, 12 ins. diam., bears N. 32° E., 28 lks. dist., marked ¼ S. 33. B. T.
	A cedar, 8 ins. diam., bears S. 33° E. 3 lks. dist., marked ¼ S. 32. B. T.
50.00	Top of broken sandstone ledges, bearing E. and W.
	Leave rocky soil.
	Enter heavy cedar and pinon timber bears E. and W.
	Descend.
56.00	Leave timber, bears E. and W.
	Enter dense artemisia
67.00	Drain, 25 ft. deep, course E.
	Descend.
78.00	Sandstone ledges, 30 ft. high bear E. and W. Ascend
	Enter heavy cedar and pinon timber bearing E. and W.
79.50	Leave sandstone ledges.
80.00	Set a sandstone 30" x 8 x 5 ins. 15 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 pin oak 5 ins. diam., bears N. 62° E., 28 lks. dist., marked T. 34 S., R. 24 E., S. 28. B. T.
	A pinon 4 ins. diam., bears S. 08° E., 17 lks. dist., marked T. 34 S., R. 24 E. S. 33, B. T.
	A pinon, 4 ins. diam., bears S. 63° W., 29 lks. dist., marked T. 34 S., R. 24 E., S. 32, B. T.
	A pinon, 5 ins. diam., bears N. 89° W., 20 lks. dist., marked T. 34 S., R. 24 E., S. 29. B. T.
	Land rolling and mountainous.

Subdivision of T. 34 S. R. 24 E.

Chains	
	Soil, sandy loam and rocky 3rd and 4th Rate. Timber, cedar and pinion. Mountainous, heavily timbered or dense undergrowth. 80.00 chs.
	East, on a random line, bet. Secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line at the Cor. of Secs. 27, 28, 33 and 34. Thence I run West, on a line line, bet. Secs. 28 and 33. Ascend through heavy cedar and pinion timber.
7.00	Top of spur, projects S. Descend.
13.50	Chan. 50 ft. deep, course S. Ascend.
17.00	Top of spur, projects S. Descend.
22.00	Chan. 50 ft. deep, course S. Ascend.
32.50	Top of spur, projects S. Descend.
35.00	Bottom of ravine, 100 ft. deep course S. E. Ascend.
38.00	Top of spur, projects N. E. Descend.
40.00	Set a sandstone 22 × 20 × 7 ins. 17 ins. in the ground, for ¼ sec. Cor., marked ¼ S. on N. face from which A. cedar 12 ins. diam. bears N. 32° E., 28 lks. dist., marked ¼ S. 28. B. T.

Subdivision of T. 34 S., R. 24 E. Continued

Chains	
	A cedar 16 ins. diam., bears S. 33° E. 23 lks. dist., marked ¼ S. 33. B. T.
44.00	Bottom of ravine, 100 ft. deep, Course N. E.
	Ascend abruptly.
51.00	Top of steep ascent.
	Then gradual ascent.
80.00	The Cor. of Secs. 28, 29, 32 and 33.
	Land rolling.
	Soil, Sandy and Stony. 3rd Rate.
	Timber, Cedar and pinon.
	Heavily timbered. 80.00 chs.

	N. 1°03' W. bet. Secs. 28 and 29.
	Ascend through dense
	Cedar and pinon timber.
18.00	Top of ridge, bears E. and W.
	Descend.
	Leave heavy timber, bears E. and W.
	enter scattering timber
	and dense artemesia.
40.00	Set a sandstone 2½ x 8 x 5 ins.
	18 ins. in the ground, for
	¼ Sec. Cor., marked ¼ S. on
	W. face; from which
	A pinion 4 ins. diam., bears
	N. 68° W., 7 lks. dist., marked
	¼ S. 29. B. T.
	A pinon, 4 ins. diam., bears
	N. 42° E., 23 lks. dist., marked
	¼ S. 28. B. T.
55.00	Begin abrupt, rocky descent.
56.50	Bottom of ravine, 150 ft.
	deep, Course S. E.
	Begin abrupt ascent
58.00	Top of steep ascent.
	Leave rocky soil.

Subdivision of T. 34 S., R. 24 E. Contin

Chains	
	Enter heavy cedar and pinion timber, bears N.W. and S.E. Over rolling land, ascend.
68.50	Leave timber, bears N.W. and S.E. Enter dense artemisia.
80.00	Set a sandstone 24×12×4 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 the E. edges: dig pits 18×18×12 ins. in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of Cor. Land rolling. Soil sandy loam and stony. 2nd and 3rd Rate. Timber, cedar and pinion. Heavily timbered or dense undergrowth. 80.00 chs. January 5; At this cor. I set off 22° 38' S. on the decl. arc: and at 0h. 05m. p. m., l. m. t. I observe the sun on the meridian, the resulting lat. is 37° 50' N.

	East, on a random line, bet. Secs. 21 and 28.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. and S. line, 5 lks. W. of the Cor. of Secs. 21, 22, 27 and 28. Thence I run N. 89° 58' W. on a true line, bet. Secs. 21 and 28. Over rocky land and boulders descend through scattering cedar and pinion timber.

Subdivision of T. 34 S. R. 24 E. Continued

Chains	
2.50	Bottom of ravine, 600 ft. deep. Course S. E.
	Begin abrupt ascent, over broken Sandstone ledges bearing N. N. and S. E.
16.00	Top of steep ascent.
	Enter heavy cedar and pinon timber, bearing N. N. and S. E.
	Over gradually ascending land, over rocky land and boulders.
40.03	Set a Sandstone 15 x 10 x 4 ins. 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face: from which
	A cedar, 8 ins. diam., bears N. 61° 30' W., 24 lks. dist., marked ¼ S. 21. B. T.
	A cedar, 12 ins. diam., bears S. 20° E., 12 lks. dist., marked ¼ S. 28. B. T.
54.00	Begin abrupt ascent over broken Sandstone ledges 150 ft. high, bearing N. and S.
55.50	Top of ledges, bearing N. and S.
	Leave rocky land.
	Over gradually ascending land.
60.00	Leave heavy timber, bears N. and S. Enter scattering timber and dense undergrowth.
64.00	Leave timber.
80.06	The cor. of Secs. 20, 21, 28 and 29.
	Land, rolling and mountainous.
	Soil, Sandy loam and rocky. 3rd and 4th Rate.
	Timber, cedar and pinon.
	Mountainous land, heavily timbered or dense undergrowth. 80.06 chs.

Subdivision of T. 34 S., R. 24 E. Contin

Chains	
	N. 0°03' W. bet. Secs. 20 and 21. Over rolling land, ascend through dense artemisia.
24.00	Top of ascent, bears E. and W. Descend.
39.75	Enter heavy cedar and pinion timber, bearing E. and W.
40.00	Set a Sandstone 14 x 10 x 4 ins. 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face: from which A pin oak, 2 ins. diam., bears N. 75° E., 12 lks. dist., marked ¼ S. 21. B. T. A cedar, 12 ins. diam., bears N. 15° W., 85 lks. dist., marked ¼ S. 20. B. T.
52.50	Bottom of ravine, 100 ft. deep, Course S. E. ascend.
60.50	Top of ascent, bears N. W. and S. E. Descend.
80.00	Set a Sandstone, 20 x 10 x 4 ins. 15 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 pin oak, 14 ins. diam., bears N. 41° 30' E., 1.11 chs dist., marked T. 34 S., R. 24 E., S. 16. B. T. A pin oak, 8 ins. diam., bears S. 57° E., 101 chs. dist., marked T. 34 S., R. 24 E., S. 21. B. T. A pinion, 10 ins. diam., bears S. 51° 30' W., 92 lks. dist., marked T. 34 S., R. 24 E., S. 20. B. T. A pinion, 12 ins. diam., bears N. 61° W., 88 lks. dist., marked T. 34 S., R. 24 E., S. 17. B. T. Land, rolling.

Subdivision of T. 34 S. R. 24 E. Continued

Chains	
	Soil loam, 2nd and 3rd Rate. Timber, Cedar and pinon. Heavily timbered or dense undergrowth, 80.00 chs.
	S. 89° 58' E. on a random line, bet. Secs. 16 and 21.
40.00	Set temp. ¼ Sec. Cor.
80.00	Intersect N. and S. line, 5 lks. S. of the Cor. of Secs. 15, 16, 21 and 22. Thence I run West, on a true line, bet. Secs. 16 and 21. Over broken ledges and boulders, ascent abruptly through scattering cedar and pinon timber.
38.30	Top of steep ascent, and Sandstone ledges, bear N. and S. 600 ft. above Sec. Cor.
40.00	Set a Sandstone 18×16×3 ins. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S on N. face: from which A cedar, 6 ins. diam., bears S. 33° E. 31 lks. dist., marked ¼ S. 21. B. T. A cedar, 9 ins. diam., bears N. 27° W., 7 lks. dist., marked ¼ S. 16. B. T.
45.00	Top of ascent, bears N. and S. Descend. Enter heavy cedar and pinon timber, bears N. and S.
69.00	Top of Sandstone ledges, bearing N. W. and S. E. Abrupt descent.
72.50	Bottom of ravine, 150 ft. deep.

Subdivision of T. 34 S., R. 24 E. Con

	Course S. E.
	Begin abrupt ascent.
76.50	Top of Sandstone ledges bearing N. W. and S. E.
	Over gradually ascending land.
80.00	The cor. of Secs. 16, 17, 20 and 21.
	Land, rolling and mountainous.
	Soil, Stony and rocky, 3rd and 4th Rate
	Timber, cedar and pinion.
	Mountainous land or heavily timbered. 80.00 chs.
	January 5, 1902.
	January 6. At 8 A. M. L. M. L. I set off 37° 51' N. on the lat. arc: 22° 29' S. on the decl. arc: And determine a true meridian with the Solar, at the cor. of Secs. 16, 17, 20 and 21.
	Thence I run
	N. 0° 03' W. bet. Secs. 16 and 17.
	Descend through heavy Cedar and pinion timber.
3.50	Top of Sandstone ledges bearing N. W. and S. E.
	Abrupt descent.
6.30	Bottom of ravine, 150 ft. deep. Course S. E.
	Abrupt ascent over Sandstone ledges.
10.00	Top of Sandstone ledges and abrupt ascent bearing N. W. and S. E.
	Over rolling land gradually ascending.
40.00	Set a Sandstone 24 x 16 x 4 ins. 18 ins. in the ground. for ¼ Sec.

Subdivision of T. 34 S., R. 24 E. Continued

Chains	
	Cor: marked ¼ S. on W. face: from which
	A cedar, 24 ins. diam., bears S. 20° E., 4 lks. dist., marked ¼ S. 16. B. T.
	A pinon, 16 ins. diam., bears N. 38° W., 38 lks. dist., marked ¼ S. 17. B. T.
50.00	Leave heavy timber, bearing E. and W., enter dense artemisia.
69.00	Top of ascent, bears N. W. and S. E. Descend.
80.00	Set a sandstone 18×16×4 ins. 12 ins. in the ground, for cor. of secs. 8, 9, 16 and 17 marked with 4 notches on the S. and E. edges: dig pits 18×18×12 ins., in each Sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
	Land rolling.
	Soil loam and stony 2nd and 3rd Rate.
	Timber, cedar and pinon.
	Heavily timbered or dense undergrowth. 80.00 chs.

	East, on a window line, bet. secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
80.08	Intersect N. and S. line, at the cor. of secs. 9, 10, 15 and 16.
	Thence I run
	West, on a true line, bet. secs. 9 and 16.
	Over rocky land, and broken sandstone ledges, descend

Subdivision of T. 34 S. R. 24 E. Contin

Chains	
	through scattering cedar and pinion timber.
3.75	North Montezuma Creek, 4 lks. wide, 4 ins. deep, in canon 650 ft. deep. Course S. Abrupt ascent over broken sandstone ledges.
15.00	Top of abrupt ascent. Enter heavy cedar and pinion timber bears N. and S. ascend over boulders
38.00	Begin abrupt ascent.
40.04	Point for ¼ sec. cor. falls on steep slope and cannot be set.
40.50	Perpendicular sandstone ledges 400 ft. high, bear N. and S. ascend.
41.75	Set a sandstone, 24 x 18 x 10 ins. 18 ins. in the ground for witness cor. to ¼ sec. cor. marked W. C. ¼ S. on N. face: from which A cedar, 36 ins. in diam., bears S. 53° W., 9 lks. dist., marked W. C. ¼ S. 16. B. T. A pinon 5 ins. diam. bears N. 68° W., 68 lks. dist., marked W. C. ¼ S. 9. B. T.
43.00	Top of abrupt ascent. Enter rolling land ascend.
47.00	Leave timber, bears N. and S. Enter dense artemisia.
80.08	The cor. of secs. 8, 9, 16 and 17. Land, rolling and mountainous. Soil loam and stony 2nd, 3rd and 4th Rate. Timber, cedar and pinon Mountainous, heavy timbered or dense undergrowth, 80.08 chs.

Subdivision of T. 34 S., R. 24 E. Continued

Chains	
	N. 0°03' W. bet. Secs. 8 and 9.
	Cross rolling land, descend through dense artemisia.
35.00	Chan. 25 ft. deep, Course N. E.
	Ascend.
40.00	Set a sandstone 24x18x4 ins. 18 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face: dig pits 18x18x12 ins. N. and S. of Stone, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high. W. of Cor.
46.00	Top of ascent.
	Descend.
59.00	Bottom of ravine, 60 ft. deep, Course N. E.
	Ascend.
61.00	Enter heavy cedar and pinon timber, bearing N. E. and S. W.
	Top of ascent.
	Descend.
80.00	Set a sandstone 15x12x6 ins. 10 ins. in the ground for Cor. of Secs. 4, 5, 8 and 9. marked with 5 notches on the S., and 4 notches on the E. edges:
	from which
	A pinon, 8 ins. diam., bears N. 59° E., 31 lks. dist., marked T. 34 S., R. 24 E., S. 4. B. T.
	A cedar, 8 ins. diam., bears S. 31° E., 50 lks. dist., marked T. 34 S., R. 24 E. S. 9. B. T.
	A pinon, 3 ins. diam., bears S. 17° W., 101 lks. dist., marked T. 34 S., R. 24 E., S. 8., B. T.
	A pinon, 8 ins. diam., bears N. 76° 30' W., 36 lks. dist., marked

Subdivision of T. 34 S., R. 24 E. Con

Chains	
	T. 34 S., R. 24 E., S. 5, B. T.
	Land rolling.
	Soil, sandy and stony. 3rd Rate.
	Timber, cedar and pinon
	Dense undergrowth or
	heavily timbered land 80.00 chs.
	January 6: At this Cor. I
	set off 22°37' S. on the decl.
	arc: and at 0h. 06m. p. m.,
	l. m. t. observe the sun
	on the meridian, the
	resulting lat. is
	37°53' N.
	East, on a random line,
	bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, at
	Cor. of secs. 3, 4, 9 and 10.
	Thence I run
	West, on a true line,
	bet. secs. 4 and 9.
	descend through heavy cedar
	and pinon timber
6.25	Top of sandstone ledges.
	150 ft. high, bearing N. and S.
	Descend abruptly through
	scattering cedar and pinon
	timber and scrub oak over
	boulders
16.00	North Montezuma Creek, 4 lks.
	wide, pure water, 4 ins. deep,
	in Canon 600 ft. deep. Course
	S. ascend abruptly
32.70	Perpendicular sandstone
	ledges, 100 ft. high, bearing
	N. and S. descend.
33.00	Leave rocky land

Subdivision of T. 34 S., R. 24 E. Continued.

Chains	
	Enter heavy timber, bears N. and S.
36.50	Top of ascent, bears N. and S. Descend.
38.00	Leave timber, bears N. and S. Enter scattering timber, scrub oak and dense artemisia.
40.00	Set a sandstone, 14 x 8 x 6 ins. 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face: from which A cedar, 10 ins. diam., bears N. 89° E., 1.55 chs. dist., marked ¼ S. 4. 23. T. A cedar, 6 ins. diam., bears S. 85° E., 2.82 chs. dist., marked ¼ S. 9. 23. T.
69.50	Enter heavy cedar and pinon timber, bearing N. and S.
77.60	Sandstone ledges, 40 ft. high, bear N.W. and S.E. Abrupt descent.
78.75	Bottom of ravine, 100 ft. deep, Course S.E. Abrupt ascent.
79.25	Top of sandstone ledges 50 ft. high, bear N.W. and S.E. Begin gradual ascent.
80.00	The Cor. of Secs. 4, 5, 8 and 9. Land rolling and mountainous. Soil sandy and rocky, 3rd and 4th Rate. Timber, cedar and pinon. Mountainous land, dense undergrowth or heavily timbered. 80.00 Chs.

Subdivision of T. 34 S., R. 24 E. Con

Chains

N. 0°03' W. on a random line bet. Secs. 4 and 5.

40.00 Set temp. ¼ Sec. cor.

80.04 Intersect N. bdy. of Tp. 7 lks. west of the cor. of Secs. 4, 5, 32 and 33, which is a sandstone 6 x 12 x 3 ins. above the ground, marked and witnessed as returned under Contract No. 238, of James M. Lentz L. S.

Thence I run

South, on a true line, bet. Secs. 4 and 5.

Over stony land, descend through heavy cedar and pinion timber.

5.50 Sandstone ledges, 100 ft. high, bear E. and W.

Abrupt descent, leave timber.

7.00 Foot of abrupt descent.

over bottom land, through dense artemisia and oak brush.

9.00 North fork of Montezuma Creek, now dry, in canon 350 ft. deep, course E.

9.50 Leave bottom land.

Abrupt ascent.

10.75 Top of sandstone ledges, 100 ft. high, bear E. and W.

Over rolling land, ascend through scattering cedar and pinon timber.

40.04 Set a sandstone 18 x 8 x 5 ins. 12 ins. in the ground, for ¼ Sec. cor., marked ¼ S. on on W. face;

from which

A cedar, 6 ins. diam., bears

Subdivision of T. 34 S. R. 24 E. Continued

Chains	
	N. 51°30' E., 48 lks. dist., marked ¼ S. 4, B. T. No other lies within limits. And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of Cor. Pits impracticable.
55.00	Top of ascent, bears E. and W. Descend.
60.00	Enter heavy timber, bears E. and W.
73.00	Leave heavy timber, bears E. and W.
77.00	Top of sandstone ledges, 40 ft. high, bear N. W. and S. E. Descend abruptly.
79.00	Bottom of ravine, 100 ft. deep, Course S. E. Abrupt ascent.
79.50	Top of sandstone ledges, 60 ft. high, bearing N. W. and S. E. Gradual ascent.
80.04	The Cor. of Secs. 4, 5, 8 and 9. Land, rolling and mountainous. Soil, stony 3rd and 4th Rate. Timber, cedar and pinon. Mountainous land, dense undergrowth or heavily timbered. 80.04 Chs. January 6, 1902.

January 7. At 8 a. m., l. m. t. I set off 37°48' N. on the lat. arc; 22°22' S. on the decl. arc; and determine a true meridian with the Solar, at the Cor. of Secs. 5, 6, 31 and 32, heretofore described.

Subdivision of T. 34 S. R. 24 E.

Chains

on the S. bdy. of the Tp.
Thence I run
N. 0°03' W. bet. secs. 31 and 32.
Over rolling land, descend
through dense artemesia.
18.00 Enter heavy cedar and pinion
timber, bears N. W. and S. E.
40.00 Set a sandstone 15×15×5 ins.
10 ins. in the ground, for ¼
sec. cor., marked ¼ S. on
W. face:
from which
A pinion, 8 ins. diam., bears
S. 34°30' E., 24 lks. dist. marked
¼ S. 32. B. T.
A cedar, 6 ins. diam., bears
S. 68° W., 40 lks. dist. marked
¼ S. 31. B. T.
56.00 Drain, 50 ft. deep, course N. E.
ascend.
60.00 Top of spur, projects N. E.
Descend.
Leave heavy timber, bears
E. and W. Enter scattering
timber and artemesia.
66.00 Begin abrupt descent.
68.25 South Montezuma Creek,
2 lks. wide, pure water, 2 ins.
deep, in canon 200 ft.
deep, course S. E.
Ascend.
69.15 Wire fence, bears N. E. and S. W.
Enter bottom land.
Leave timber.
76.00 Leave bottom land, ascend
over stony land, through
scattering timber.
80.00 Set a sandstone, 24×10×8
ins., 18 ins. in the ground,
for cor. of secs. 29, 30, 31 & 32.

Subdivision of T. 34 S. R. 24 E. Continued

marked with 1 notch on the S. and 5 notches on the E. edges:
from which
A Cedar, 10 ins. diam., bears N. 84° 30' E., 65 lks. dist., marked T. 34 S., R. 24 E., S. 29, B. T.
A Cedar, 8 ins. diam., bears S. 76° 30' E., 62 lks. dist., marked T. 34 S., R. 24 E., S. 32, B. T.
A pin on, 12 ins. diam., bears S. 21° W., 2.01 chs. dist., marked T. 34 S., R. 24 E., S. 31, B. T.
A pin on, 8 ins. diam., bears N. 61° 30' W., 1.05 chs. dist., marked T. 34 S., R. 24 E., S. 30, B. T.
Land, rolling and mountainous.
Soil stony and bottom land.
2nd and 3rd Rate.
Timber, Cedar and pin on Mountainous land, dense undergrowth or heavily timbered. 80.00 chs.

East, on a random line.
Bet. Secs. 29 and 32.
40.00 Set temp. ¼ Sec. Cor.
80.10 Intersect N. and S. line at the Cor. of Secs. 28, 29, 32 and 33.
Thence I run
West, on a true line.
Bet. Secs. 29 and 32.
Over rocky, broken land, ascend through heavy Cedar and pin on timber.
40.05 Set a Sandstone 20×10×5 ins. 15 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on

Subdivision of T. 34 S. R. 14 E. Co

Chains	
	N. face: from which
	a pinion, 5 ins. diam., bears
	N. 86° 30' E., 26 lks. dist.; marked
	¼ S. 29. B. T.
	a cedar, 7 ins. diam., bears
	S. 62° E., 30 lks. dist.; marked
	¼ S. 32. B. T.
73.50	Top of sandstone ledges,
	75 ft. high bear N. W. and S. E.
	abrupt descent.
75.00	Foot of abrupt descent.
	Over stony land, descend.
80.10	The cor. of secs. 29, 30, 31 and 32.
	Land, broken sandstone.
	Soil, rocky 4th Rate
	Timber, cedar and pinion.
	Heavy timber 80.10 chs.
	West on a random line
	bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
79.36	Intersect Colorado Guide
	Meridian, 5 lks. S. of the
	cor. of secs. 25, 30, 31 and 36,
	which is a sandstone
	10 x 12 x 4 ins. above the
	ground, marked as returned
	under Contract No. 238 of
	James M. Lentz, D. S.
	Thence I run
	S. 89° 58' E. on a true line
	bet. secs. 30 and 31.
	Over cultivated bottom
	land in S. Montezuma
	Canon, belonging to
	Parley P. Butt.
22.00	South Montezuma Creek,
	2 lks. wide, 4 ins. deep in a

Subdivision of T. 34 S., R. 24 E. Continued

Chains	
	wash, 10 ft. wide, 10 ft. deep, Course S. E.
39.00	Wire fence, bears N. and S. Leave cultivated land.
39.36	Set a sandstone 20 x 14 x 7 ins. 15 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face: and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of Cor. Pits impracticable.
51.70	Leave bottom land, ascend over stony land, through dense scrub oak, sarvis berry bush and scattering cedar and pinon timber.
79.36	The Cor. of Secs. 29, 30, 31 and 32. Land, bottom and rolling. Soil, loam and stony, 1st and 3rd Rate. Timber, cedar and pinon. Dense undergrowth, 27.66 chs. January 7: At this Cor. I set off 22° 24' S. on the decl. arc: and at 0h 06m. p. m. L. M. T. observe the sun on the meridian, the resulting lat. is 37° 49' N.
	N. 0° 03' W. bet. Secs. 29 and 30. Over stony land, ascend through heavy cedar and pinon timber.
1.50	Begin abrupt ascent, over sandstone ledges.
3.50	Top of sandstone ledges,

66/17°

Subdivision of T. 34 S. R. 24 E. Cont.

Chains	
	bear E. and W.
	Ascend gradually over
	rolling land.
30.00	Leave timber, bears E. and W.
	Enter dense Artemisia
35.00	Top of ridge, bears E. and W.
	Descend.
40.00	Set a sandstone 16 x 8 x 6 ins.
	11 ins. in the ground, for
	¼ Sec. Cor. marked ¼ S., on
	W. face: dig pits 18 x 18 x 12 ins.
	W. and S. of stone, 3 ft. dist.,
	and raise a mound of
	earth, 3½ ft. base, 1½ ft. high,
	W. of Cor.
80.00	Set a limestone 18 x 8 x 4 ins.
	12 ins. in the ground, for
	Cor. of Secs. 19, 20, 29 and 30.
	marked with 2 notches on
	the S. and 5 notches on
	the E. edges: and raise a
	mound of stone, 2 ft.
	base, 1½ ft. high, W. of Cor.
	Pits impracticable.
	Land, rolling.
	Soil stony and loam,
	2nd and 3rd Rate.
	Timber, cedar and pinon.
	dense undergrowth or
	heavily timbered 80.00 chs.
	East, on a random line,
	bet. Secs. 20 and 29.
40.00	Set temp. ¼ Sec. Cor.
80.00	Intersect N. and S. line, 5 lks.
	N. of the Cor. of Secs. 20, 21, 28 and 29.
	Thence I run
	N. 89° 58' W. on a true line,

Subdivision of T. 34 S., R. 24 E. Continued

Chains	
	bet. secs. 20 and 29.
	Over rolling land, descend through dense artemisia.
34.00	Enter heavy cedar and pin. on timber, bears N. and S.
40.00	Set a sandstone, 15 x 9 x 5 ins. 10 ins. in the ground, for ¼ sec. cor., marked ¼ S., on N. face: from which
	A pin on, 5 ins. diam., bears N. 66° 30' W., 70 lks. dist., marked ¼ S. 20. B. T.
	A cedar, 5 ins. diam., bears S. 30° E., 53 lks. dist., marked, ¼ S. 29. B. T.
74.00	Leave timber, bears N. W. and S. E.
75.00	Ravine, 75 ft. deep. Course S. E.
	Ascend.
80.00	The cor. of secs. 19, 20, 29 and 30.
	Land, rolling.
	Soil, loam. 2nd Rate.
	Timber, cedar and pin on.
	Heavily-timbered or dense undergrowth 80.00 chs.

	N. 89° 58' W. on a random line, bet. secs. 19 and 30.
40.00	Set temp. ¼ sec. cor.
79.30	Intersect, W. bdy. of Tp. Colorado Guide Meridian.
	At the cor. of secs. 19, 24, 25 and 30. which is a sandstone 24 x 30 x 4 ins. above the ground, marked as returned under Contract No. 238 of James M. Lemly Dl. S.

Subdivision of T. 34 S. R. 24 E. Contin.

Chains	
	Thence I run S. 89° 58' E. on a line bet. Secs. 19 and 30. Over rolling land, ascend through scattering artemisia and bunch grass.
24.00	Top of ridge, bears N. and S. Descend.
39.30	Set a sandstone, 20 x 8 x 5 ins. 15 ins. in the ground, for ¼ Sec. Cor. marked ¼ S. on the N. face: dig pits 18 x 18 x 12 ins. E. and W. of stone, 3 ft. dist. and raise a mound of earth, 3½ ft. base. 1½ ft. high, N. of Cor.
79.30	The Cor. of Secs. 19, 20, 29 and 30. Land, rolling. Soil, loam, 2nd Rate. No timber.
	N. 0° 03' W. bet. Secs. 19 and 20 Descend through dense artemisia.
1.40	Bottom of ravine, 65 ft. deep. Course S. E. ascend.
6.00	Enter heavy cedar and pinon timber, bears N.W. and S. E.
20.00	Leave timber, bears E. and W.
21.00	Top of ascent, bears N. W. and S. E. descend.
40.00	Set a sandstone 14 x 12 x 6 ins. 10 ins. in the ground, for ¼ Sec. Cor. marked ¼ S. on W. face: from which A lone cedar, 6 ins. diam., bears S. 33° W. 2.30 Chs. dist. marked T. 34 S., R. 24 E., S. 19. B. T.

Subdivision of T. 34 S. R. 24 E. Continued

Chains	
	No other trees within limits. Dig pits 18x18x12 ins., N. and S. of stone, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high. W. of Cor.
66.50	Chain, 60 ft. deep, Course E. Ascend.
80.00	Set a sandstone 15x12x6 ins. 10 ins. in the ground, for Cor. of Secs. 17, 18, 19 and 20. marked with 3 notches on the S. and 5 notches on the E. edges: dig pits 18x18x12 ins. in each sec.: 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W of Cor. Land, rolling. Soil, loam. 2nd Rate. Timber cedar and pinon Dense undergrowth or heavily timbered, 80.00 chs. January 7, 1902.
	January 8: At 8 A. M., L. M. T. I set off 37° 51' N. on the lat. arc: 22° 15' S. on the decl. arc: and determine a true meridian with the Solar at the Cor. of Secs. 17, 18, 19 and 20. Thence I run S. 89° 58' E. on a random line, bet. Secs. 17 and 20.
40.00	Set temp. ¼ sec. Cor.
80.00	Intersect N. and S. line. 2 lks. S. of the Cor. of Secs, 16, 17, 20 and 21. Thence I run N. 89° 59' W. on a true line,

Subdivision of T. 34 S., R. 24 E. Contin

Chains	
	bet. secs. 17 and 20.
	Over steep ascent, through heavy cedar and pin on timber.
11.00	Top of steep ascent.
	Leave timber, bears N. and S.
	Ascend over rolling land, through dense artemisia
40.00	Set a sandstone, 14x10x6 ins. 10 ins. in the ground, for ¼ sec. cor., marked ¼ S., on N. face: dig pits 18x18x12 ins. E. and W. of stone, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
80.00	The cor. of secs. 17, 18, 19 and 20.
	Land rolling
	Soil loam, 2nd and 3rd Rate.
	Timber, cedar and pin on
	Dense undergrowth or heavily timbered. 80.00 chs.

	N. 89°58' W. on a random line, bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
79.24	Intersect W. bdy. of Tp. Colorado Guide Meridian, 5 lks. N. of the cor. of secs. 13, 18, 19 and 24 which is a sandstone 8x6x6 ins. above the ground, marked as returned under Contract No. 238. of James M. Lentz. Ll. S.
	Thence I run
	East, on a true line, bet. secs. 18 and 19.

Chains	
	Over rolling land, ascend through scattering oak artemisia and bunch grass.
9.24	Set a sandstone, 15×10×5 ins. 10 ins. in the ground, for ¼ Sec. Cor. marked ¼ S. on N. face: dig pits 18×18×12 ins. E. and W. of stone, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of Cor.
11.00	Top of ascent, bears N. and S.
19.24	The Cor. of Secs. 17, 18, 19 and 20. Land rolling. Soil loam. 2nd Rate. No timber.
	N. 0°03' W. bet. Secs. 17 and 18. Over rolling land, ascend through scattering artemisia.
20.00	Begin descend.
27.30	Bottom of draw, 75 ft. deep, Course N. E. Ascend, enter scattering timber.
33.80	Top of spur, projects E. Descend.
36.50	Leave timber. Draw, 50 ft. deep, Course S. E. ascend.
40.00	Set a sandstone, 15×14×6 ins., 10 ins. in the ground, for ¼ Sec. Cor. marked ¼ S. on N. face: and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of Cor. Pits impracticable.
54.00	Top of ascent, bears E. and W.

Subdivisions of T. 34 S., R. 24 E. Co

Chains	
	Descend.
79.25	Wash, 8 ft. wide, 8 ft. deep, in bottom of draw, 75 ft. deep, Course E.
	Ascend.
80.00	Set a sandstone 24 x 11 x 4 ins. 18 ins. in the ground, for Cor. of secs. 7, 8, 17 and 18, marked with 4 notches on the S. and 5 notches on the E. edges: and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of Cor. Pits impracticable. Land, rolling. Soil, loam, 2nd Rate. Timber, Cedar and pinon.
	S. 89° 59' E. on a random line, bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
79.92	Intersect W. and S. line, 3 lks. S. of the Cor. of secs. 8, 9, 16 and 17.
	Thence N.
	West, on a true line, bet. Secs. 8 and 17.
	Our rolling land ascends through dense artemisia.
20.00	Top of ascent, bears W. and S. Descend.
38.50	Draw, 50 ft. deep, Course S.
	Ascend.
39.96	Set a trachyte stone 16 x 8 x 6 ins., 10 ins. in the ground, for ¼ sec. cor., marked ¼ S. on W. face; dig pits 18 x 18 x 12 ins. E. and W. of stone, 3 ft. dist. and raise a mound

Subdivision of T. 34 S. R. 24 E. Continued

Chains	
	of earth, 3½ ft. base, 1½ ft. high, N. of cor.
42.00	Top of ascent, bears N. and S. Leave dense artemisia. Descend.
57.00	Draw, 40 ft. deep, course S.
66.25	Top of spur, projects S. E. Descend.
79.92	The cor. of secs. 7, 8, 17 and 18. Land, rolling.
42/37.92	Soil, loam, 2nd Rate. No timber. Dense undergrowth, 42.00 chs.

	West, on a random line, bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
79.17	Intersect N. bdy. of Tp., Colorado Guide Meridian, at the cor. of secs. 7, 12, 13 and 18, which is a sandstone, 12 x 15 x 10 ins. above the ground, marked as returned under Contract No. 238. of James M. Lentz U. S. Thence I run East, on a true line, bet. secs. 7 and 18. Descend, in a draw, 75 ft. deep, course E. through dense oak brush.
38.50	Leave dense undergrowth.
39.17	Set a sandstone, 14 x 8 x 5 ins. 10 ins. in the ground, for ¼ sec. cor., marked ¼ S. on N. face: and raise a mound of stone, 2 ft. base, 1½ ft.

Subdivision of T. 34 S. R. 24 E. Co

Chains	
	high, W. of cor.
	Pits impracticable.
77.90	Wash, 8 ft. wide, 8 ft. deep.
	Course S. E.
79.17	The cor. of secs. 7, 8, 17 and 18.
	Land, sloping east.
38.50 / 40.67	Soil, loam 2nd Rate.
	No timber.
	Dense undergrowth. 38.50 chs.
	January 8: At this cor. I set off 22°16' S. on the decl. arc: and at 0h 07m p.m. l.m.t. observe the sun on the meridian, the resulting lat. is 37°52' N.
	N. 0°03' W. bet. secs. 7 and 8.
	Over rolling land, ascend through scattering artemisia and oak brush.
40.00	Set a sandstone 30×18×5 ins. 23 ins. in the ground, for ¼ sec. cor., marked ¼ S. on W. face: and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Pits impracticable.
47.00	Top of ridge, bears E. and W.
	Descend.
80.00	Set a sandstone, 14×12×8 ins. 10 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked with 5 notches on the S. and E. edges: dig pits 18×18×12 ins. in each sec. 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Subdivision of T. 34 S., R. 24 E. Continued

Chains	
	Land, rolling Soil, loam 2nd Rate No timber.
	East, on a random line, bet. Secs. 5 and 8.
40.00	Set temp. ¼ Sec. Cor.
80.00	Intersect N. and S. line, at the Cor. of Secs. 4, 5, 8 and 9.
	Thence I run West, on a true line, bet. Secs. 5 and 8.
	over rolling land, ascend through dense artemisia and scattering scrub oak.
10.00	Set a Sandstone 24 x 6 x 6 ins. 18 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face: dig pits 18 x 18 x 12 ins. E. and W. of Stone, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of Cor.
80.00	The Cor. of Secs. 5, 6, 7 and 8.
	Land, rolling. Soil, stony 3rd Rate. No timber. Dense undergrowth, 80.00 Chs.
	West, on a random line, bet. Secs. 6 and 7.
40.00	Set temp. ¼ Sec. Cor.
79.05	Intersect W. bdy. of Tp. Colorado Guide Meridian, at the Cor. of Secs. 1, 6, 7 and 12. which is a Sandstone

Subdivision of T. 34 S., R. 24 E. Contin

Chains	
	7 x 12 x 8 ins. above the ground, marked as returned under Contract No. 238, of James M. Lenz Dl. S.
	Thence I run East, on a true line, bet. Secs. 6 and 7.
	Over stony land, descend along the S. side of a ravine, 75 ft. deep, course E. through dense artemisia and oak bush.
29.00	Bottom of ravine, 50 ft. deep course N. E. ascend.
39.05	Set a sandstone 16 x 12 x 4 ins. 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face: dig pits 18 x 18 x 12 ins. E. and W. of stone, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of Cor.
79.05	The cor. of Secs. 5, 6, 7 and 8. Land rolling. Soil, stony. 3rd Rate. No timber. Dense undergrowth, 79.05 chs.
	N. 0° 03' W. on a random line, bet. Secs. 5 and 6.
40.00	Set temp. ¼ Sec. Cor.
80.04	Intersect N. bdy. of Tp. 3 lks. W. of the Cor. of Secs. 5, 6, 31 and 32, which is a sandstone 8 x 10 x 10 ins. above the ground, marked as returned under Contract No. 238, of James M. Lenz Dl. S.

Subdivision of T. 34 S., R. 24 E. Concluded.

Chains	
	Thence I run S. 0°02' E. on a line bet. Secs. 5 and 6. Over rolling, stony land, ascend, through dense artemisia and scattering oak brush.
40.04	Set a sandstone 20×10×8 ins. 15 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face: dig pits 18×18×12 ins. W. and S. of stone, 3 ft. dist. and raise a mound of ~~earth~~, 3½ ft. base, 1½ ft. high, W. of Cor.
53.00	Top of ascent. Bears E. and W. descend.
74.80	Bottom of ravine, 75 ft. deep. Course E. ascend.
80.04	The Cor. of Secs. 5, 6, 7 and 8. Land, rolling. Soil, stony, 3rd Rate. No timber. Dense undergrowth, 80.04 chs. January 8. 1902.

General Description

This township is rolling in the E. and W. part and rough, broken and mountainous in the middle portion, and the soil varies from a rich black loam in the eastern and western portions to sandstone ledges along the Montezuma Canon.

General Description of T. 34 S. R. 24 E. Conc

The only water in this township is found in North and South Montezuma Creeks.
Cedar and pinion timber is found along the breaks of the Canons, and the rest of the township is covered with dense undergrowth and nutritious grasses making it an excellent range.
There are no settlers in this township.
Parley R. Butt of Bluff cultivates land in S. W. ¼ Sec. 30 and N. W. ¼ Sec. 31.
Francis and W. J. Neilson of Bluff are joint owners of a pasture fence running nearly diagonally through Sec. 31.
B. J. and H. B. King of Monticello are joint owners of a pasture fence running through Secs. 10, 11 and 12.
There is no mineral found in this township.

Herbert D. Page
U.S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

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

In final affidavits see book Q Tp 26 S. R 23 E

..... *Chainman.*

..... *Chainman.*

..... *Moundman.*

..... *Moundman.*

..... *Axman.*

..... *Axman.*

..... *Flagman.*

FINAL OATH OF ASSISTANTS.

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

In final affidavits see book Q Tp 26 S. R 23 E

..... *Chainman.*

..... *Chainman.*

..... *Moundman.*

..... *Moundman.*

..... *Axman.*

..... *Axman.*

..... *Flagman.*

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

SEAL

4-151

January

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

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

For final affidavit see book Q. Tp. 26 S. Rg. 2

.....
United States Deputy Su

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

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Salt Lake City, Utah, Nov 25, 1902

The foregoing field notes of the survey of the subdivisional lines of Township 34 South Range 24 East of the Salt Lake Bas and Meridian, Utah

executed by Hubert D Page
under his contract No. 247, dated November 11, 1901, ~~189~~ , havin
critically examined, and the necessary corrections and explanations made, the said field notes, a
surveys they describe, are hereby approved.

Edward H Linder
United States 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

.....
United States Surveyor G

6—151

4—679.

C.

235

BOOK A-283

FIELD NOTES

OF THE Re SURVEY OF THE

South, East and North boundaries of Township No. 33 South Range No. 25 East

of the Salt Lake Case and Meridian, In the State of Utah.

AS SURVEYED BY

Hubert D. Page, United States Deputy Surveyor,

Under his Contract No. 247, dated November 11th, 1901

Survey commenced January 9th, 1902

Survey completed " 15th, 1902

6—151

		m. chs. lks.	m. chs. lks.
S	Body high	5-25-00 ✓	53-87 ✓
"	do low		
E	do high	5-36-00 ✓	44-00 ✓
"	" low		
N	do high	3-20-00 ✓	2-58-34 ✓
"	" "		

NAMES AND DUTIES OF ASSISTANTS.

Peter Meyer Chainman

Jay Morrison "

Joseph Rasmussen Mound man

Vern Tyman Admans

John Baker, flag man

For preliminary affidavit see Book A T.34 S. R.24 E.

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BOOK A-282

INDEX DIAGRAM.

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

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

Meanders Page.....

6—151

2 250

PRELIMINARY OATHS OF ASSISTANTS.

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

..... , *Chai*

..... , *Chai*

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 establis
of corners, according to the instructions given us, to the best of our skill and ability, in the su

..... , *Moun*

..... , *Moun*

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

SEAL

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

.....

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

SEAL

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

....., *Fl*

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

SEAL

6—151

Resurvey of the S. bdy. of T. 33 S., R. 25 E.

Survey commenced
January 9, 1902 and executed with
a W. and L. E. Gurley light mountain
transit No. with solar
attachment.
The horizontal limb being
provided with two opposite
verniers, 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,
September 28, 1901.
I examine the adjustments
of the transit, and correct the
level and collimation errors: then to
test the solar apparatus by comparing
its indications resulting from
solar observations made during
A. M. and p. m. hours, with a true
meridian determined by
observations on Polaris. I
proceed as follows:
I begin at the cor. of T. 33 and 34
S., Rs. 25 and 26 E. which is a
Cedar post, 5 ins. sq. 3 ft. above the
ground, marked and witnessed as
described by the surveyor general.
latitude 37°54' N., longtitude 109°09' West.
At 3 p. m., l. m. t., I set off 37°54' N.
on the lat. arc: 22°06' S. on the decl.
arc: and determine a true
meridian, with the solar, and
mark the line thus determined by
a cross on a stone, firmly set in the
ground, 5 chs. north of the instrument.
January 9 - 1902.

Resurvey of the South boundary of T. 33 S., R. 25 E., Continued

Chains

1.

January 10: At 12 midnight I observe Polaris at west elongation in accordance with instructions in the Manual and mark the line thus determined by a tack driven in a wooden plug, set in the ground, 5 chs. north of my station.

At 7 A. M. I lay off the azimuth of Polaris, 1°33' to the east, and mark the True Meridian thus determined by cutting a small groove in the stone, set last evening, on which the true meridian falls 0.2 ins. east of the mark determined by the Solar.

At 8 A. M., L. M. T., I set off 37°54' N. on the lat. arc: 21°58' S. on the decl. arc: and mark the true meridian, determined with the solar, by a cross on the stone, already set, 5 chs. north of my station:
This mark falls 0.2 ins. east of the true meridian established by the Polaris observation.
The solar apparatus by P. M. and A. M. observations, defines positions for true meridians about 0°10" west and east of the meridian established by the Polaris observation, therefore I conclude that the adjustments of the instrument are satisfactory.
The magnetic bearing of

Resurvey of the South boundary of T. 33 S., R. 25 E. Continued.

the line meridian at 8 A. M. is N. 15° 10' W., the angle thus determined, reduced by the table, page 100 gives the mean magnetic declination 15° 08' east.

Preliminary to commencing the subdivision of this township, I run N. 89° 56' W. on a blank line, on the south boundary of Sec. 36. At 40.00 chs. after diligent search no trace of ¼ Sec Cor. can be found; and at 80.00 chs. after diligent search no trace of Sec. Cor. can be found. I continue my line N. 89° 56' W. find no part of the S. bdy. in alinement, and that many corners are missing. At 5 miles 76.84 chs. intersect N. and S. line, 1.86 chs. S. of the Cor. of Tps. 33 and 34 S., Rs. 24 & 25 E. which is a sandstone 12 x 12 x 3 ins. above the ground, marked as returned under Contract No. 238 of James M. Lentz & L. S. As the distances are not within the limits, many corners missing, the townships not being subdivided, I resurvey the S. bdy. of T. 33 S., R. 25 E. as follows:

From the Cor. of Tps. 33 and 34 S. Rs. 24 and 25 E. heretofore described.

Resurvey of the South boundary of T. 33 S., R. 25 E. Continued

Chains	
	I run East.
	bet. secs. 6 and 31
	Over rolling land, descend
	through dense aspens a
19.00	Wash, 15 ft. wide, 4 ft. deep,
	in ravine, 150 ft. deep.
	Course S. W. ascend.
25.00	Enter scattering cedar and pinion
	timber.
30.00	Leave timber.
38.87	allowing for curvature of meridian Set a sandstone, 13 x 12 x 3 ins.
	8 ins. in the ground for
	ses established ¼ sec. cor.
	marked ¼ S. on W. face: and
	raise a mound of stone,
	2 ft. base, 1½ ft. high, W. of cor.
	Pits impracticable.
	From this point the old ¼
	sec. cor., which is a sandstone
	15 x 24 x 2 ins. above the
	ground, bears S. 56° W. 4.10
	chs. dist.,
	I destroy all trace of the old cor.
49.00	Top of ascent.
	Descend, leave dense undergrowth.
56.00	Draw, 50 ft. deep. Course S. W.
	Ascend.
78.87	Set a cedar post, 3 ft. long, 3 ins. sq. with marked stone, 24 ins. in the
	ground, for ses established
	Cor. of secs. 5, 6, 31 and 32 marked
	T. 33 S., S. 32, on N. E.
	R. 25 E., S. 5, on S. E.
	T. 34 S., S. 6, on S. W. and
	S. 31 on N. W. faces: with 5
	notches on the E. and 1
	notch on the W. edges: dig
	pits 18 x 18 x 12 ins. in each
	sec. 5½ ft. dist. and raise a

Resurvey of the South boundary of T. 33 S., R. 25 E. Continued

Chains	
	mound of earth, 4 ft. base, 2 ft. high. W. of cor. After diligent search, no trace of old cor. can be found, which is described by the surveyor general as a cedar post, 4 ft. long, 4 ins. sq. Land rolling. Soil, sandy loam, 2nd Rate. Timber, cedar and pinion. Dense undergrowth 49.00 chs.
	East. bet. secs. 5 and 32. Ascend, through scattering artimesa.
8.75	Top of ridge, bears N. and S. Descend.
24.00	Enter heavy cedar and pinion timber, bears N. and S.
39.50	Leave timber, bears N. and S. Enter dense artimesa
40.00	Set a cedar post, 3 ft. long, 4 ins. sq. 24 ins. in the ground for reëstablished ¼ sec. cor., marked ¼ S 32 on N. face; and 5 on S. face; from which A cedar, 8 ins. diam., bears S. 76° W., 43 lks. dist., marked ¼ S. 5, B. T. A cedar, 7 ins. diam., bears N. 75° W. 64 lks. dist., marked ¼ S. 32, B. T. From this point the old ¼ sec. cor. which is a cedar post, 3 ft. long, 3 ins. sq. marked and witnessed as described by the surveyor

Resurvey of the
South bdy. of T. 33 S., R. 25 E. Contin

Chains

general, bears S. 54° W. 3.70 chs. dist. I destroy all signs of old Cor. and obliterate the marks on the bearing trees.

51.00 Enter heavy cedar and pinion timber, bears N. and S.

80.00 Set a cedar post, 3 ft. long, 4 ins. sq. 24 ins. in the ground, with marked stone for reëstabished Cor. of Secs. 4, 5, 32 and 33 marked with 4 notches on the E. and 2 notches on the W. edges:

56/24

from which

A cedar, 12 ins. diam., bears N. 49° E., 17 lks. dist., marked T. 33 S., R. 25 E. S. 33. B. T.

A cedar, 10 ins. diam., bears S. 69° E., 34 lks. dist., marked T. 34 S., R. 25 E., S. 4, B. T.

A cedar, 12 ins. diam., bears S. 25° W., 27 lks. dist., marked T. 34 S., R. 25 E., S. 5, B. T.

A cedar, 14 ins. diam. bears N. 23° W., 38 lks. dist., marked T. 33 S., R. 25 E., S. 32. B. T.

From this point the old Sec. cor., which is a cedar post 4 ft. long, 4 ins. sq. marked and witnessed as described by the surveyor general, bears S. 49° W. 3.53 chs. dist.,

I destroy all signs of old cor., and obliterate the marks on the bearing trees.

Land, rolling.

Soil, Sandy loam, 2nd Rate.

Timber, Cedar and pinion.

Heavy timber or dense undergrowth, 56.00 chs.

Resurvey of the
South bdy. of T. 33 S., R. 25 E. Continued

Chains	
	East.
	bet. secs. 4 and 33.
	Over rolling land, descend through heavy cedar and pinion timber.
9.00	Leave timber, bears N. and S.
	Enter dense artimesia.
35.00	Enter scattering timber.
40.00	Set a sandstone 18×18×5 ins. 12 ins. in the ground, for reëstablished ¼ sec. cor., marked ¼ S. on N. face: from which
	A pinion, 5 ins. diam., bears S. 05° E., 41 lks. dist., marked ¼ S. 4, 33. T.
	A cedar, 6 ins. diam., bears N. 59° W., 40 lks. dist., marked ¼ S. 33. 33. T.
	From this point the old Cor. which is a sandstone 8×14×3 ins. above the ground, marked and witnessed as described by the Surveyor general, bears S. 53° W. 3.20 chs. dist. I destroy all signs of the old cor. and obliterate the marks on the bearing tree.
42.00	Chain, 50 ft. deep, course S.
	Ascend.
51.00	Top of ridge, bears N. and S.
	Descend.
	Leave timber.
80.00	Set a sandstone 20×14×3 ins. 15 ins. in the ground, for reëstablished Cor. of secs. 3, 4; 33 and 34, marked with 3 notches on the E. and W. edges: dig pits 18×18×12 ins. in each sec. 5½ ft. dist.

Resurvey of the South boundary of T. 33 S., R. 25 E. Continu

Chains	
	and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. After diligent search no trace of old cor. can be found.
	Land, rolling.
	Soil, sandy loam, 2nd Rate.
	Timber, cedar and pinion.
	Heavy timber or dense undergrowth, 80.00 chs.
	January 19: At this cor. I set off 21°59' S. on the decl. arc: and at 0h 07m A.M. l.m.t. I observe the sun on the meridian the resulting lat. is 37°54' N.
	East,
	bet. Secs. 3 and 34.
	over rolling land, descend through dense undergrowth:
40.00	set a cedar post, 3 ft. long, 4 ins. sq. with marked stone 24 ins. in ground for reëstablished ¼ Sec. Cor., marked ¼ S. 34 on N. and 3 ons/accs. dig pits 18 x 18 x 12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
	With diligent search no trace of old cor. can be found.
58.00	Enter heavy cedar and pinion timber, bears N. W. and S. E.
80.00	set a cedar post, 3 ft. long, 3 ins. sq. with marked stone, 24 ins. in the ground, for reëstablished cor. of Secs. 2, 3, 34 and 35, marked

Resurvey of the
South bdy. of T. 33 S., R. 25 E. Continued

Chains	
	T. 33 S., S. 35, on N. E. R. 25 E., S. 2, on S. E. T. 34 S., S. 3, on S. W. and Sec. 34 on N. W. faces, with 2 notches on the E. and 4 notches on the W. edges: from which A pinion, 10 ins. diam., bears N. 89° E., 17 lks. dist., marked T. 33 S., R. 25 E., S. 35, B. T. A pinion, 10 ins. diam., bears S. 12° E., 65 lks. dist., marked T. 34 S., R. 25 E., S. 2, B. T. A cedar, 10 ins. diam., bears S. 08° W., 62 lks. dist., marked T. 34 S., R. 25 E., S. 3, B. T. A cedar, 10 ins. diam., bears N. 62° W., 33 lks. dist., marked T. 33 S., R. 25 E., S. 34, B. T. No trace can be found of the old cor. the post and bearing trees apparently have been destroyed by fire. Land, rolling. Soil, sandy loam. 2nd Rate. Timber cedar and pinion. dense undergrowth or heavy timber. 80.00 chs.
	East, bet. Secs. 2 and 35. Over rolling land, ascend. through heavy cedar and pinion timber.
12.00	Top of low ridge, bears N. W. and S. E. descend.
26.00	Leave timber, bears N. and S.

Resurvey of the
South Boundary of T. 33 S. R. 25 E.

Chains.

Enter dense timber.

40.00 Set a cedar post, 3 ft. long, 4 ins. sq. with marked stone, 24 ins. in the ground for reestablished ¼ sec. cor. marked ¼ S. 35 on N. & on S. faces. Dig pits 18 x 18 x 12 ins. E. and W. of post, 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. The old ¼ sec. cor. which is a cedar post 3 ft. long 3 ins. sq. marked and witnessed as described by the surveyor general, bears S. 58° W. 3.55 chs. dist. I destroy all marks of the old cor. and obliterate marks on the bearing trees.

80.00 Set a pinion post, 3 ft. long, 4 ins. sq. with marked stone, 24 ins. in the ground for reestablished cor. of secs. 1, 2, 35 and 36 marked T. 33 S., S. 36 on N. E. R. 25 E., S. 1 on S. E. T. 34 S., S. 2 on S. W. and S. 35 on N. W. faces: with 1 notch on E. and 5 notches on W. edges: dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

After diligent search no trace of old cor. can be found.

Land rolling.

Soil. Loam. 2nd Rate.

Timber cedar and pinion.

Dense undergrowth or heavily timbered, 80.00 chs.

Resurvey of the
South boundary of T. 33 S., R. 25 E. Continued

Chains	
	East.
	bet. Secs. 1 and 36.
	Over rolling land, descend
	through dense artimesia.
24.00	Ravine, 40 ft. deep, course
	N. E. ascend.
40.00	Set a pinion post, 3 ft. long, 3 ins. sq. with marked stone, 24 ins. in the
	ground, for sec. established
	¼ Sec. Cor., marked ¼ S. 36 on
	the N. and 1 on the S. faces;
	from which
	A pinion, 20 ins. diam., bears
	N. 68° E., 62 lks. dist., marked
	¼ S. 36 B. T.
	A pinion, 12 ins. diam., bears
	S. 35° E., 95 lks. dist., marked
	¼ S. 1. B. T.
	After diligent search no
	trace of old Cor. can be
	found.
40.50	Enter heavy cedar and pinion
	timber, course N. and S.
80.00	Set a cedar post, 4 ft. long, 4 ins. sq. with marked stone, 36 ins. in the
	ground, for sec. established
	Cor. of Tps. 33 and 34 S., Rs.
	25 and 26 E., marked
	T. 33 S., S. 31, on N. E.
	R. 26 E., S. 6. on S. E.
	T. 34 S., S. 1, on S. W. and
	R. 25 E., S. 36. on N. W. faces;
	with 6 notches on the
	N. S. E. and W. edges;
	from which
	A pinion, 14 ins. diam., bears
	N. 42° E., 30 lks. dist., marked
	T. 33 S., R. 26 E., S. 31. B. T.
	A cedar, 15 ins. diam., bears
	S. 65° E., 52 lks. dist., marked

Resurvey of the South boundary of T. 33 S., R. 25 E. Conclu

T. 34 S., R. 26 E., S. 6. B. T.
A pinion, 12 ins. diam., bears
S. 73° W., 11 lks. dist. marked
T. 34 S., R. 25 E., S. 1, B. T.
A cedar, 18 ins. diam., bears
N. 38° W., 17 lks. dist., marked
T. 33 S., R. 25 E., S. 36. B. T.
The old township corner which is a cedar post 5 ft. long, 5 ins. sq. marked and witnessed as described by the surveyor general, bears S. 40° W., 3.15 chs. dist.
Land, rolling.
Soil, sandy loam, 2nd Rate.
Timber, cedar and pinion.
Heavily timbered or dense undergrowth 80.00 chs.
January 10, 1902.

Resurvey of the East bdy. of T. 33 S. R. 25 E

The south boundary of this township having been reëstablished, thereby changing the position of the Cor. of Tps. 33 and 34 S., Rs. 25 and 26 E., therefore I find it necessary to resurvey the east bdy. of T. 33 S., R. 25 E.
I begin at the reëstablished Cor. of Tps. 33 and 34 S., Rs. 25 and 26 E., heretofore described.
January 11: At 8 A.M., l.m.t., I set off 37° 54' N. on the lat. arc: 21' 48" S. on the

Resurvey of the East bdy. of T. 33 S. R. 25 E. Continued

Chains	
	decl. arc: and determine a true meridian with the solar. Thence I run North. bet: secs. 31 and 36 over rolling land, through heavy cedar and pinion timber.
40.00	Set a pinion post, 3 ft. long, 4 ins. sq. with marked stone, 24 ins. in the ground, for res tablished ¼ sec. Cor., marked ¼ S. 36. on W. and 31 on E. faces: from which A cedar, 5 ins. diam., bears S. 77° E., 25 lks. dist., marked T. 33 S., R. 26 E., ¼ S. 31, B. T. A cedar, 14 ins. diam., bears S. 21° W., 16 lks. dist., marked T. 33 S., R. 25 E., ¼ S. 36. B. T. From this point, the old Cor., which is a cedar post, 3 ft. long, 3 ins. sq. marked and witnessed as described by the Surveyor general, bears S. 32° W., 2.82 chs. dist. I destroy all traces of the Cor. and obliterate all marks on the bearing trees.
48.00	Leave timber, bears E. and W. enter dense artimesa.
80.00	Set a cedar post, 3 ft. long 4 ins. sq. with marked stone, 24 ins. in the ground, for res tablished Cor. of Secs. 25, 30, 31 and 36. marked T. 33 S., S. 30. on N. E. R. 26 E., S. 31. on S. E. S. 36. on S. W. and R. 25 E., S. 25. on N. W. faces, with 1 notch on the S.

[illegible] of the East bdy. of T. 33 S. R. 25 E.

Chains

and 5 notches on N. edges:
dig pits 18 x 18 x 12 ins. in
each sec. 5½ ft. dist.
and raise a mound of earth
[illegible] ft base, 2 ft. high, W. of Cor.
After diligent search no
trace of the old Cor. can
be found.
Land, rolling.
Soil, loam, 2nd Rate.
Timber, Cedar and pinion.
Heavily timbered or
dense undergrowth 80.00 chs.

North,
bet. secs. 25 and 30.
[illegible] rolling land,
through dense artimesa.
20.25 Wash. 8 ft. wide, 5 ft. deep,
Course N. E.
[illegible].00 Set a Cedar post, 3 ft. long, 3 ins.
sq. with marked stone, 24 ins. in the
ground, for reëstablished
¼ Sec. Cor. marked ¼ S. 25,
on W. and 30 on E. faces:
dig pits 18 x 18 x 12 ins. N. and S.
[illegible] post 3 ft. dist.; and
[illegible] mound of earth.
[illegible] ft base, 12 ft. high.
[illegible] of Cor.
After diligent search no
[illegible] old Cor. can be found.
[illegible] 8 ft. wide, 5 ft. deep,
[illegible] W.
[illegible] 10 ft. wide, 6 ft deep,
Course N. E.
[illegible] Enter scattering Cedar and
pinion timber, bears E. and W.

Resurvey of the E. bdy. of T. 33 S., R. 25 E. Continued

Chains

80.00 Set a cedar post, 3 ft. long, 4 ins. sq. with marked stone, 24 ins. in the ground, for reëstablished Cor. of Secs. 19, 24, 25 and 30 marked:
T. 33 S., S. 19, on N. E.
R. 26 E., S. 30, on S. E.
S. 25, on S. W. and
R. 25 E., S. 24, on N. W. faces; with 2 notches on the S. and 4 notches on the N. edges:
dig pits 18 x 18 x 12 ins. in each Sec. 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, N. of Cor.
After diligent search no trace of the old Cor. can be found
Land, rolling.
Soil, loam. 2nd Rate.
Timber cedar and pinion.
Dense undergrowth, 80.00 chs.

North,
bet. Secs. 19 and 24.
Over rolling land,
through dense artimesa and scattering cedar and pinion timber.

24.00 Enter heavy timber,
bears E. and W.

40.00 Set a cedar post 3 ft. long, 3 ins. sq. with marked stone, 24 ins. in the ground, for reëstablished ¼ Sec. Cor., marked ¼ S. 24, on W. and 19 on E. faces:
from which
A cedar, 6 ins. diam., bears S. 67 E. 67 lks. dist., marked T. 33 S., R. 26 E. ¼ S. 19. 93. T.

Resurvey of the East bdy of T. 33 S. R. 25 E. Continued

Chains	
	A cedar, 8 ins. diam. bears S. 13° W. 50 lks. dist. marked T. 33 S. R. 25 E. 1/4 S. 24. B. T. From this point the old cor. which is a cedar post 3 ft. long, 3 ins. sq. marked and witnessed as described by the surveyor general, bears S. 09° W. 2.85 chs. dist. I destroy all signs of the cor. and obliterate all marks on the bearing trees.
75.50	Leave timber, bears N. E. and S. W. enter dense artimesa.
80.00	Set a pinion post, 3 ft. long 4 ins. sq. with marked stone, 24 ins. in the ground, for reëstablished Cor. of secs. 13, 18, 19 and 24 marked T. 33 S., S. 18. on N. E. R. 26 E., S. 19, on S. E. S. 24. on S. W. and R. 25 E., S. 13 on N. W. faces: with 3 notches on N. and S. edges: dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of Cor. After diligent search no trace of old Cor. can be found. Land, rolling. Soil, loam, 2nd Rate. Timber, cedar and pinion. Heavily timbered or dense undergrowth. 80.00 lks. January 11: At this Cor. I set off 21° 56' S on the decl. arc: and at 0h 08m p. m. observe the sun on the meridian, the resulting lat. is 37° 56' N.

Resurvey of the East bdy. of T. 33 S. R. 25 E. Continued

Chains	
	North.
	bet. secs. 13 and 18.
	over rolling land, ascend
	through dense ar times a
6.00	wagon road from Monticello
	to Dolores, bears N. E. and S. W.
36.00	Top of low slope, projects E.
	descend. leave dense ar times a.
40.00	Set a cedar post, 3 ft. long 3 ins. sq.
	with marked stone, 24 ins. in the
	ground for re-established ¼
	sec. cor. marked ¼ S. 13. on W.
	and 18. on E. faces: dig pits
	18×18×12 ins. N. and S. of post.
	3 ft. dist., and raise a mound
	of earth, 3½ ft. base, 1½ ft. high,
	N. of cor.
	After diligent search no
	trace of old cor. can be found.
78.47	I mark 2 notches on N. & S. sides. of
	a cedar tree, 3 ft. diam. on line.
80.00	Set a sandstone 16×13×3 ins.
	11 ins. in the ground for
	re-established Cor. of Secs.
	7, 12, 13 and 18 marked with
	4 notches on S. and 2
	notches on N. edges:
	from which
	A lone cedar, 36 ins. diam., bears
	South, 1.53 chs. dist. marked
	T. 33 S., R. 25 and 26 E., S. 13. S.
	18. B. T.
	No other ties within
	limits, and dig pits
	18×18×12 ins. in each sec.
	5½ ft. dist., and raise a
	mound of earth, 4 ft.
	base, 2 ft. high. N. of cor.
	After diligent search no trace
	of old cor. can be found.

Resurvey of the East bdy. of T. 33 S. R. 25 E. Contin

Chains	
	Land rolling. Soil sandy loam. 2nd Rate. Timber Scattering Cedar. Dense undergrowth 36.00 Chs.
	North. bet. Secs. 7 and 12. Over rolling land, through dense underwood.
16.00	Enter heavy timber, bears E. and W.
40.00	Set a Sandstone 20 × 10 × 3 ins. 15 ins. in the ground, for reëstablished ¼ Sec. Cor. marked ¼ S. on W. face: from which A cedar, 14 ins. diam. bears E. 11 lks. dist., marked T. 33 S. R. 26 E. ¼ S. 7. B. T. A cedar, 10 ins. diam., bears S. 85 W. 50 lks. dist. marked T. 33 S., R. 25 E., ¼ S. 12. B. T. From this point, the old Cor. which is a pinion post 3 ft. long, 3 ins. sq. marked and witnessed as described by the Surveyor General, bears S. 18° E., 2.25 Chs. dist., I destroy all signs of old cor. and obliterate all marks on the bearing trees.
46.00	Leave timber, bears E. and W.
80.00	Set a Sandstone 16 × 10 × 4 ins. 11 ins. in the ground, for reëstablished Cor. of Secs. 1, 6, 7 and 12 marked with 5 notches on S. and 1 notch on W. edges: dig pits 18 × 18 × 12 ins. in each Sec. 3½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high,

Chains	
	W. of Cor. After diligent search, no trace of old Cor. can be found. Land, rolling. Soil, loam, 2nd Rate. Timber, cedar and pinion. Heavy timber or dense undergrowth, 80.00 chs.
	North. bet. Secs. 1 and 6. Over rolling land, descend. through dense artimesa.
8.00	Ravine, 50 ft. deep, Course N. W. ascend.
10.00	Enter heavy cedar and pinion timber, bears N. W. and S. E.
23.00	Top of ascent, bears E. and W. descend.
40.00	Set a sandstone, 12 x 12 x 4 ins. 8 ins. in the ground, for reëstablished ¼ Sec. Cor. marked ¼ S. on W. face: from which A pinion, 6 ins. diam., bears S. 23° W., 51 lks. dist., marked T. 33 S., R. 25 E., ¼ S. 1, B. T. A cedar, 7 ins. diam., bears S. 68° E., 22 lks. dist., marked T. 33 S., R. 26 E., ¼ S. 6, B. T. After diligent search no trace of old Cor. can be found. Leave heavy timber, bears E. and W. enter scattering timber and dense undergrowth

Resurvey of the E. bdy. of T. 33 S. R. 25 E. Cont'd

Chains	
65.00	Leave scattering timber.
80.00	Set a sandstone 24 x 14 x 4 ins. 18 ins in the ground for re-established Cor. of Tps. 32 & 33 S., Rs. 25 & 26 E., marked with 6 notches on the N. S. E. & W. edges: dig pits 24 x 24 x 12 ins., on each line, N. E. & W. 4 ft., and S. of stone, 8 ft. dist. and raise a mound of earth, 5 ft. base, 2½ ft. high, S. of Cor. From this point, the old Cor. of Tps. 32 & 33 S., Rs. 25 & 26 E., which is a sandstone, 18 x 14 x 4 ins. above the ground, marked as described by the Surveyor General, bears S. 38° E. 2.50 chs. dist. I destroy all signs of the old Tp. Cor. Land, rolling. Soil, stony 2nd Rate. Timber, Cedar & Pinion. Heavy timbered or dense undergrowth, 80.00 chs. January 11, 1902.

Resurvey of the N. bdy. of T. 33 S. R. 25 E.

January 12.

The East boundary of this township having been re-established thereby changing the position of the Cor. of Tps. 32 & 33 S., Rs. 25 & 26 E., therefore I

Resurvey of the N. bdy. of T. 33 S., R. 25 E. Continued

Chains

find it necessary to resurvey the north bdy. of T. 33 S., R. 25 E.
I begin at the reëstablished Cor. of Tps. 32 and 33 S., Rs. 25 and 26 E. heretofore described
January 12: At 8 a. m., l. m. t., I set off 37°59' N. on the lat. arc: 21°39' S. on the decl. arc: and determine a true meridian with the solar.
Thence I run
West, on a random line, along the N. bdy. of T 33 S., R. 25 E. setting temp. ¼ sec. and sec. cors. at intervals of 40.00 chs. and at 478.39 chs. intersect N. and S. line, 28 lks. N. of the Cor. of Tps. 32 and 33 S., Rs. 24 and 25 E., which is a sandstone 6×10×4 ins. above the ground, marked as returned under Contract No. 238, of James M. Lentz Ll. S.
The falling answers to a Correction of 0°02' or 4⅔ lks. S. per mile, Counting from the N. E. Cor. of the Tp.,
therefore I run
N. 89° 58' E.
bet. secs. 6 and 31.
Over rolling land,
through scattering artimesa and bunch grass.

38.39 Set a Cedar post, 3 ft. long, 3 ins. sq. with marked stone, 24 ins. in the ground, for reëstablished ¼ sec. cor., marked ¼ S. 31 on N. and 6 on S. faces: dig pits 18×18×12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft.

Resurvey of the N. bdy. of T. 33 S., R. 25 E. Contd.

Chains

base, 1½ ft. high, N. of cor.
After diligent search no trace of
old Cor. can be found.
78.39 Set a cedar post, 3 ft. long, 4 ins. sq. with
24 ins. in the ground for
reëstablished Cor of secs. 5, 6, 31 and 32.
marked T. 32 S., S. 32. on N. E.
R. 25 E., S. 5, on S. E.
T. 33 S., S. 6. on S. W. and
S. 31. on N. W. faces: with 5
notches on E. and 1 notch on
W. edges: dig pits 18 × 18 × 12 ins.
in each Sec. 5½ ft. dist., and
raise a mound of earth, 4 ft.
base, 2 ft. high, N. of cor.
After diligent search no trace
of old Cor. can be found.
Land rolling.
Soil, loam 2nd Rate.
No timber.

N. 89° 58' E.
bet. Secs. 5 and 32.
Over rolling land,
through scattering artimesia
and bunch grass.
40.00 Set a cedar post, 3 ft. long, 3 ins. sq.
with marked stone, 24 ins. in the ground, for
reëstablished ¼ Sec. Cor., marked
¼ S. 32. on N. and 5. on S. faces:
dig pits 18 × 18 × 12 ins. E. and W.
of post, 3 ft. dist., and raise
a mound of earth, 3½ ft.
base, 1½ ft. high, N. of cor.
After diligent search no trace
of old Cor. can be found.
80.00 Set a pinion post, 3 ft. long, 4 ins. sq.
with marked stone, 24 ins. in the ground,

Resurvey of the N. bdy. of T. 33 S., R. 25 E. Continued

Chains	
	for reëstablished Cor. of secs. 4, 5, 32 and 33 marked T. 33 S., S. 33. on N. E. R. 25 E., S. 4. on S. E. T. 33 S., S. 5. on S. W. and S. 32. on N. W. faces: with 4 notches on E. and 2 notches on W. edges: dig pits 18×18×12 ins. in each Sec. 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. After diligent search no trace of the old Cor. can be found. Land, rolling. Soil, loam. 2nd Rate. No timber.
	N. 89° 58' E. bet. secs. 4 and 33. Over rolling land, descend through scattering artimesa and bunch grass.
40.00	Set a pinion post, 3 ft. long 3 ins. sq. with marked stone, 24 ins in the ground, for reëstablished ¼ Sec. Cor. marked ¼ S. 33. on N. and 4 on S. faces: dig pits 18×18×12 ins. E. and W. of ~~post~~, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. After diligent search, no trace of old Cor. can be found.
60.00	Bottom of ravine, 50 ft. deep. Course N. ascend. Enter dense artimesa.
80.00	Set a cedar post, 3 ft. long, 4 ins. sq. with marked stone, 24 ins. in the
20/60	

Resurvey of the N. bdy. of T. 33 S., R. 25 E. Con

Chains

ground for reëstablished Cor. of secs. 3, 4, 33 and 34 marked T. 32 S., S. 34 on N. E. R. 25 E., S. 3, on S. E. T. 33 S., S. 4, on S. W. and S. 33 on N. W. faces: with 3 notches on E. and W. edges: dig pits 18 × 18 × 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of Cor.

After diligent search no trace of old Cor. can be found.

Land, rolling.

Soil, loam 2nd Rate.

No timber.

Dense undergrowth, 20.00 chs.

January 12: At this Cor. I set off 21°41' S. on the decl. arc: and at 0h 08m p. m. l. m. t. observe the sun on the meridian the resulting lat. is 37°59' N.

N. 89°58' E.

bet. secs. 3 and 34.

Over rolling land, ascend through dense artimesa.

40.00 Set a trinion post, 3 ft. long, 5 ins. sq. with marked stone, 24 ins. in the ground, for reëstablished ¼ sec. Cor., marked ¼ S. 34, on N. and 3, on S. faces: dig pits 18 × 18 × 12 ins. E. and W. of post, 3 ft. dist. and raise a mound of earth.

Chains	
	3½ ft. base, 1½ ft. high, N. of cor. After diligent search no trace of old cor. can be found.
66.00	Top of ascent, bears N. and S. descend.
71.00	Bottom of ravine, 100 ft. deep, course N. ascend.
80.00	Set a sandstone 18 x 12 x 4 ins. 12 ins. in the ground, for re-established cor. of secs. 2, 3, 34 and 35. marked with 2 notches on the E. and 4 notches on the N. edges: dig pits 18 x 18 x 12 ins. in each sec., 5½ ft. dist., and raise a mound of earth. 4 ft. base, 2 ft. high, N. of cor. After diligent search no trace of old cor. can be found. Land, rolling. Soil, loam and stony, 3rd and 4th Rate. No timber. Dense undergrowth, 80.00 chs.
	N. 89° 58' E. bet. secs. 2 and 35. Over rolling land, ascend through dense arbinesa.
25.00	Top of spur ridge, projects N. E. descend.
40.00	Set a sandstone 14 x 10 x 4 ins., 10 ins. in the ground, for re-established ¼ sec. cor., marked ¼ S. on N. face: dig pits 18 x 18 x 12 ins. E. and W. of stone, 3 ft. dist., and

Resurvey of the N. bdy. of T. 33 S. R. 25 E. Con

Chains	
	raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of Cor. After diligent search no trace of old Cor. can be found.
46.00	Bottom of ravine, 60 ft. deep Course N. W. ascend.
51.00	Top of spur, projects S. Descend.
56.00	Bottom of ravine, 60 ft. deep Course S. W. ascend.
65.00	Top of spur, projects N. Descend.
76.00	Bottom of ravine, 50 ft. deep, Course N. W. ascend.
77.00	Top of spur, projects S. Descend.
78.00	Bottom of ravine, 50 ft. deep. Course S. W. Ascend.
80.00	Set a sandstone 24×20×3 ins. 18 ins. in the ground, for reëstablished Cor. of secs. 1, 2, 35 and 36. marked with 1 notch on E. and 5 notches on W. edges: and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of Cor. Pits impracticable. After diligent search no trace of old Cor. can be found. Land, rolling. Soil, stony, 3rd Rate. No timber. Dense undergrowth, 80.00 chs.

N. 89° 58' E.
bet. secs. 1 and 36.
Over rolling land, ascend through dense artimesa.

vey of the N. bdy. of T. 33 S., R. 25 E. Continued

Chains	
14.00	Top of spur, project N. Descend.
27.00	Bottom of ravine, 50 ft. deep, Course N.W. Ascend.
40.00	Set a sandstone, 16×10×3 ins. 11 ins. in the ground for reestablished 1/4 sec. Cor. marked 1/4 S. on N. face: from which A pinion, 8 ins. diam., bears S. 52° E., 90 lks. dist., marked T. 33 S., R. 25 E., 1/4 S. 1, B. T. No other ties within limits. And raise a mound of stone 2 ft. base, 1½ ft. high. N. of Cor. Pits impracticable From this point the old Cor. which is a sandstone 8×10×3 ins. above the ground, marked and witnessed as described by the Surveyor General, bears S. 32° E. 2.61 Chains dist.: Enter scattering cedar and pinion timber.
74.00	Leave timber.
80.00	The Cor. of Tps. 32 and 33 S., Rs. 25 and 26 E. heretofore described. Land rolling. Soil, loam and stony. 2nd and 3rd Rate. Timber, cedar and pinion. Dense undergrowth, 80.00 chs.

January 12, 1902.

Boundaries of T. 33 S., R. 25 E.

Latitudes, departures and closing errors.

Line designated	True Bearing	Distance	Latitude N.	Latitude S.	Departure E.	Departure W.
		chs.	chs.	chs.	chs.	chs.
E. bdy. of T. 33 S. R. 24 E.	North	480.00	480.00			
N. bdy. of T. 33 S. R. 25 E.	N. 89° 58' E.	478.39	.28		478.39	
E. bdy. of T. 33 S. R. 25 E.	South	480.00		480.00		
S. bdy. of T. 33 S. R. 25 E.	West	478.87				478.87
Convergency					.56	
Totals			480.28	480.00	478.95	478.87
			480.00		478.87	
Error in lat. and dep.			.28		.08	

Thurs D. Page
U.S. Deputy Surveyor

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

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

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

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

.....

owing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

In final affidavits see book N. Tp 29 S. R 22 E.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

....., United States Deputy Surveyor, in surveying all

ose parts or portions of the .....

.....

.....

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

..... meridian, ... of ....., which are represented

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

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

In final affidavits see book N. Tp 29 S. R 22 E.

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

day of ....., 189

SEAL

6—151

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

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

.....
United States Deputy Su

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

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Nov 25 1902

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

executed by Herbert D. Page
under his contract No. 47, dated November 11 1901, 189 , havi
critically examined, and the necessary corrections and explanations made, the said field notes, a
surveys they describe, are hereby approved.

Edward Hendelson
United States Surveyor

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

United States Surveyor G

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PAGE

71

4—679.

D.

BOOK A-283

FIELD NOTES

OF THE SURVEY OF THE

Subdivision
of
Township No. 33 South
Range No. 25 East

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

AS SURVEYED BY

Hubert D. Page, United States Deputy Surveyor,

Under his Contract No. 247, dated November 11th, 1901

Survey commenced January 13th, 1902

Survey completed " 21st, 1902

6—151

m. ch. lks.
high 36-60-49
low 23-14-34

59-74 83

BOOK A-283

NAMES AND DUTIES OF ASSISTANTS.

Peter Meyer	Chairman
Jay Morrison	"
Joseph Rasmussen	Woundman
Vern Lyman	Axeman
John Baker	Flagman

For preliminary affidavits see Book B. Tp 34 S. R 24 [illegible]

6—151

BOOK A-282

INDEX DIAGRAM.

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

Meanders Page.....

2 214

PRELIMINARY OATHS OF ASSISTANTS.

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

..... *Chai*

..... *Chai*

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 esta
of corners, according to the instructions given us, to the best of our skill and ability, in the

..... *Moun*

..... *Moun*

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

SEAL

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

.....,

.....,

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

SEAL

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

..... *Fl*

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

SEAL

6—151

Subdivision of T. 33 S. R. 25 E.

Chains

Survey Commenced
January 13. 1902 and
executed with A. W. and L. E. Gurley
light mountain transit with
Solar attachment, the horizontal
limb being provided with two
opposite verniers reading to single
minutes of arc.
I know from recent observations
taken January 9 and 10, 1902 and
recorded in book C
of this survey, the instrument
to be in adjustment.
I commence at the reëstablished
Cor. of Secs. 1, 2, 35 and 36, on the S.
bdy. of the Tp. heretofore described.
Latitude 37° 54' N. longitude 109° 10' W.
At 8 A.M., L.M.T., I set off
37° 54' N. on the lat. arc: 21° 29' S.
on the decl. arc: and determine a
true meridian with the Solar.
Thence I run
N. 0° 01' W. bet. Secs. 35 and 36
Over rolling land, descend
through dense arkinesa.

10.00 Set a cedar post, 3 ft. long, 3 ins. sq.
and marked [illegible] in the ground, for
¼ sec. cor. marked ¼ S. 35. on
W. and 36. on E. faces: dig
pits 18×18×12 ins. N. and S. of post,
3 ft. dist. and raise a mound
of earth, 3½ ft. base, 1½ ft. high,
W. of Cor.

59.50 Begin ascent.
Enter scattering timber.

66.00 Enter heavy cedar and pinion
timber, bears E. and W.

80.00 Set a sandstone 18×10×3 ins.
12 ins. in the ground, for
Cor. of Secs. 25, 26, 35 and 36.

Subdivision of T. 33 S., R. 25 E. continued

Chains

marked with 1 notch on the S. and E. edges:
from which
A pinion, 7 ins. diam., bears N. 59° E., 56 lks. dist., marked T. 33 S., R. 25 E., S. 25, B. T.
A pinion, 8 ins. diam., bears S. 61° 30' E., 28 lks. dist., marked T. 33 S., R. 25 E., S. 36. B. T.
A cedar, 8 ins. diam., bears S. 19° W., 8 lks. dist., marked T. 33 S., R. 25 E., S. 35, B. T.
A cedar, 20 ins. diam., bears N. 36° W., 12 lks. dist., marked T. 33 S., R. 25 E., S. 26. B. T.
Land, rolling.
Soil, loam. 2nd Rate.
Timber, cedar and pinion.
Dense undergrowth or heavily timbered, 80.00 chs.

East, on a random line, bet. secs. 25 and 36.
40.00 Set temp. ¼ sec. cor.
80.00 Intersect E. bdy. of Tp. at the cor. of secs. 25, 30, 31 and 36. heretofore described
Thence I run
West, on a true line, bet. secs. 25 and 36.
Descend, through dense artimesa.
3.50 Wash, 8 ft. wide, 5 ft. deep. Course N. ascend.
Over rolling land.
28.00 Enter heavy cedar and pinion timber, bears N. and S.
40.00 Set a cedar post, 3 ft. long, 3 ins. sq., with marked stone, 24 ins. in the ground for ¼ sec. cor. marked ¼ S. 25

Subdivision of T. 33 S. R. 25 E. Continued.

Chains	
	on N. and 36. on S. faces: from which A cedar, 20 ins. diam., bears S. 86° E. 5 lks. dist., marked ¼ S. 36. B. T. A pinion, 8 ins. diam., bears N. 57° W. 8 lks. dist., marked, ¼ S. 25 B. T.
77.00	Top. of Spur ridge, bears N. and S. descend.
80.00	The cor. of secs. 25, 26, 35 and 36. Land, rolling. Soil, loam. 2nd Rate. Timber, cedar and pinion, Heavily timbered or dense undergrowth, 80.00 Chs.

	N. 0° 01' W. bet. secs. 25 and 26. Descend, through heavy cedar and pinion timber.
1.00	Drain, 25 ft. deep. Course S. W. Ascend.
4.00	Top of Spur ridge, bears N. E. and S. W. Descend.
10.00	Begin ascent, over rolling land.
40.00	A cedar tree, 15 ins. diam., for ¼ sec. Cor., I mark ¼ S. 26. on W. and 25 on E. faces: from which A cedar, 16 ins. diam., bears S. 76° 30' E. 19 lks. dist., marked ¼ S. 25. B. T. A cedar, 10 ins. diam., bears S. 54° W. 16 lks. dist., marked ¼ S. 26. B. T.
77.50	Top of ridge, bears E. and W. Descend.
80.00	Set a cedar post, 3 ft. long, 4 ins. sq. with marked stone, 24 ins. in the ground, for cor. of secs. 23, 24,

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	25 and 26, marked with 2 notches on the S. and 1 notch on E. edges; and T. 33 S., S. 24. on N. E. R. 25 E., S. 25. on S. E. S. 26. on S. W. and S. 23. on N. W. faces: from which A pinion, 5 ins. diam., bears N. 35° E., 49 lks. dist., marked T. 33 S., R. 25 E., S. 24, B. T. A cedar, 12 ins. diam., bears S. 70° E., 20 lks. dist., marked T. 33 S., R. 25 E., S. 25, B. T. A cedar, 12 ins. diam., bears S. 16° 30' W., 13 lks. dist., marked T. 33 S., R. 25 E., S. 26, B. T. A cedar, 10 ins. diam., bears N. 41° W., 31 lks. dist., marked T. 33 S., R. 25 E., S. 23. B. T. Land, rolling. Soil, Sandy 3rd Rate. Timber, cedar and pinion. Heavily timbered. 80.00 chs.
	East, on a random line, bet. Secs. 24 and 25.
40.00	Set temp. ¼ Sec. cor.
80.04	Intersect E. bdy. of Tp. 3 lks. S. of the cor. of Secs. 19, 24, 25 and 30. heretofore described
	Thence I run S. 89° 59' W. on a true line, bet. Secs. 24 and 25.
	I run rolling land, descend through dense artimesia and scattering cedar and pinion timber.
28.00	Enter heavy cedar and pinion timber, bears N. and S.

Subdivision of T. 33 S. R. 25 E. Continued

Chains	
40.02	Set a cedar post, 3 ft. long, 3 ins. sq. with marked stone 24 ins. in the ground, for ¼ Sec. cor. marked ¼ S. 24, on N. and 25 on S. faces: from which A cedar, 5 ins. diam., bears N. 22° E. 19 lks. dist., marked ¼ S. 24, B. T. A cedar, 6 ins. diam., bears S. 33° E. 18 lks. dist., marked ¼ S. 25, B. T.
52.40	Diam. 30 ft. deep. Course S. Ascend.
65.10	Top of ridge, bears N. and S. Descend.
80.04	The cor. of Secs. 23, 24, 25 and 26. Land rolling. Soil, sandy, 3rd Rate. Timber, Cedar and pinion. Heavily timbered or dense undergrowth. 80 04 chs.

	N. 0° 01' W. bet. Secs. 23 and 24. Descend, through heavy Cedar and pinion timber.
4.00	Leave timber, bears N. E. and S. W. Enter dense artimesia.
40.00	Set a cedar post, 3 ft. long, 3 ins. sq. with marked stone 24 ins. in the ground, for ¼ Sec. cor. marked ¼ S. 23, on W. and 24 on E faces: from which A cedar, 24 ins. diam. bears N. 33° W. 71 lks. dist., marked ¼ S. 23, B. T. A cedar, 8 ins. diam., bears N. 46 E., 19 lks. dist., marked ¼ S. 24, B. T.
41.00	Enter scattering timber.
51.55	Road from Monticello to Dolores, bears N. E. and S. W.
55.00	Enter heavy timber, bears E. and W.

Subdivision of T. 33 S., R. 25 E. Continued

Chains

65.50 Leave timber, bears E. and W.

75.55 Road, from Carlisle's ranch to Dolores, bears E. and W.

79.00 Enter heavy timber, bears E. and W.

80.00 Set a cedar post, 3 ft. long, 4 ins. sq., with marked stone, 24 ins. in the ground, for Cor. of Secs. 13, 14, 23 and 24, marked T. 33 S., S. 13. on N. E. R. 25 E., S. 24. on S. E. S. 23. on S. W. and S. 14. on N. W. faces, with 3 notches on S. and 1 notch on E. edges: from which A cedar, 4 ins. diam., bears N. 46° E., 31 lks. dist., marked T. 33 S., R. 25 E., S. 13. B. T.
A cedar, 10 ins. diam., bears N. 38° W., 16 lks. dist., marked T. 33 S., R. 25 E., S. 14, B. T.
A pinion, 5 ins. diam., bears S. 37° W., 9 lks. dist., marked T. 33 S., R. 25 E., S. 23. B. T.
A pinion, 8 ins. diam., bears S. 72° E., 10 lks. dist., marked T. 33 S., R. 25 E., S. 24, B. T.
Land, rolling.
Soil, sandy, 2nd and 3rd Rate.
Timber, Cedar and pinion.
Heavily timbered or dense undergrowth, 80.00 chs.

N. 89° 59' E. on a random line, bet. Secs. 13 and 24.

40.00 Set temp. ¼ Sec. cor.

80.10 Intersect E. bdy. of Tp. 7 lks. N. of the Cor. of Secs. 13, 18, 19 and 24. heretofore described.
Thence I run

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	N. 89° 58' W. on a true line, bet. secs. 13 and 24. Over rolling land, ascend through scattering artimesa and bunch grass.
11.00	Road from Monticello to Dolores, bears N. E. and S. W.
19.00	Top of ascent, bears N. and S. Descend.
40.05	Set a cedar post, 3 ft. long, 4 ins. sq. with marked stone, 24 ins. in the ground, for ¼ sec. cor., marked ¼ S. 13, on the N. and 24, on the S. faces: dig pits 18×18×12 ins. E. and W. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
52.00	Enter scattering cedar and pinion timber.
78.00	Enter heavy timber, bears N. and S.
80.10	The cor. of secs. 13, 14, 23 and 24.
2.10	Land, rolling.
78.00	Soil, clay, 2nd Rate. Timber, cedar and pinion. Heavy timber, 2.00 chs.
	January 13: At this cor. I set off 21° 31' S. on the decl. arc: and at 0h 09m p. m., l. m. t. observe the sun on the meridian, the resulting lat. is 37° 56' N.
	N. 0° 01' W. bet. secs. 13 and 14. Over rolling land, ascend gradually through heavy cedar and pinion timber.
40.00	Set a cedar post, 3 ft. long,

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	3 ins. sq. with marked stone 24 ins. in the ground, for ¼ Sec. cor. marked ¼ S. 14, on W. and 13 on E. faces: from which
	A pinion, 6 ins. diam., bears N. 56° E., 13 lks. dist., marked ¼ S. 13, B. T.
	A cedar, 12 ins. diam., bears S. 13° W., 33 lks. dist., marked ¼ S. 14, B. T.
66.00	Begin descent.
72.00	Wash, 10 ft. wide, 5 ft. deep, Course S. E.
	Ascend.
80.00	Set a cedar post, 3 ft. long, 4 ins. sq. with marked stone 4 ins. in the ground, for Cor. of secs. 11, 12, 13 and 14, marked T. 33 S., R. 12, on N. E. R. 25 E., S. 13. on S. E. S. 14, on S. W. and S. 11, on N. W. faces: with 4 notches on S. and 1 notch on E. edges: from which
	A pinion, 5 ins. diam., bears N. 18° E., 30 lks. dist., marked T. 33 S. R. 25 E., S. 12. B. T.
	A pinion, 8 ins. diam., bears S. 40° E., 27 lks. dist., marked T. 33 S., R. 25 E., S. 13. B. T.
	A pinion, 12 ins. diam., bears S. 50° W., 26 lks. dist., marked T. 33 S., R. 25 E., S. 14, B. T.
	A pinion, 10 ins. diam., bears N. 61° W., 24 lks. dist., marked T. 33 S., R. 25 E., S. 11, B. T.
	Land rolling.
	Soil Clay, 2nd Rate.
	Timber Cedar and pinion.
	Heavily timbered. 80.00 chs.

Subdivision of T. 33 S. R. 25 E. Continued

Chains	
	S 89° 58' E. on a random line.
	bet. secs. 12 and 13
40.00	Set temp. ¼ sec. cor.
80.10	Intersect E. bdy. of Tp. 5 lks.
	S. of the cor. of secs. 7, 12, 13 and 18.
	heretofore described.
	Thence I run
	West on a true line,
	bet. secs. 12 and 13.
	Over rolling land,
	through dense artimesa.
40.05	Set a sandstone 14 x 12 x 4 ins.
	10 ins. in the ground for
	¼ sec. cor. marked ¼ S. on
	W. face: dig pits 18 x 18 x 12 ins.
	E. and W. of stone, 3 ft. dist.,
	and raise a mound of earth,
	3½ ft. base, 1½ ft. high, W. of cor.
47.00	Enter heavy cedar and pinion
	timber. bears W. and S.
80.10	The cor. of secs. 11, 12, 13 and 14.
	Land, rolling.
	Soil, clay, 2nd Rate.
	Timber cedar and pinion.
	Heavy timber or dense
	undergrowth. 80.10 chs.

	N. 0° 01' W. bet. secs. 11 and 12.
	Ascend through heavy cedar
	and pinion timber.
20.00	Top of ascent, bears E. and W.
	Leave heavy timber, bears E. and W.
	Enter scattering timber and
	dense artimesa.
40.00	Set a cedar post, 3 ft. long, 3 ins. sq.
	marked stone, 24 ins. in the ground, for
	¼ sec. cor., marked ¼ S. 11, on
	W. and 12, on E. faces: dig

Subdivision of T. 33 S. R. 25 E. Continued

Chains	
	pits 18×18×12 ins. N. and S. of post. 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of Cor.
71.00	Leave timber.
80.00	Set a cedar post, 3 ft. long 4 ins. sq. with marked stone, 24 ins. in the ground, for Cor. of secs. 1, 2, 11 and 12. marked T. 33 S. S. 1 on N. E. R. 25 E. S. 12. on S. E. S. 11. on S. W. and S. 2. on N. W. faces: with 5 notches on S. and 1 notch on E. edges: dig pits 18×18×12 ins. in each sec. 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of Cor.
	Land rolling.
	Soil clay 2nd Rate.
	Timber, cedar and pinion.
	Heavily timbered or dense undergrowth. 80.00 chs.
	East. on a random line, bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. Cor.
80.10	Intersect E. bdy. of Tp. 14 lks. S. of the Cor. of secs. 1, 6, 7 and 12. heretofore described.
	Thence I run S. 89° 54' W. on a true line, bet. secs. 1 and 12.
	Over rolling land, ascend through dense artimesia.
6.00	Top of low ridge, bears N. and S. Descend.
40.05	Set a Sandstone, 18×12×4 ins

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face: dig pits 18×18×12 ins. E. and W. of Stone, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of Cor.
80.10	The Cor. of Secs. 1, 2, 11 and 12.
	Land, rolling.
	Soil, clay. 2nd Rate.
	No timber.
	Dense undergrowth, 80.10 Chs.
	N. 0° 01' W. on a random line, bet. Secs. 1 and 2.
40.00	Set temp. ¼ Sec. Cor.
80.30	Intersect N. bdy. of Tp. 3 ins. W. of the Cor. of Secs. 1, 2, 35 and 36, heretofore described.
	Thence I run
	South, on a true line, bet. Secs. 1 and 2.
	Over rolling land.
40.30	Set a Cedar post, 3 ft. long, 3 ins. sq. with marked stone, 24 ins. in the ground, for ¼ Sec. Cor. marked ¼ S. 2. on W. and 1. on E. faces: dig pits 18×18×12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of Cor.
80.30	The Cor. of Secs. 1, 2, 11 and 12.
	Land rolling.
	Soil clay 2nd Rate.
	No timber.
	January 13, 1902.

Subdivision of T. 33 S., R. 25 E. Continued

Chains

January 14. At 8 A.M. l.m.t.
I set off 37° 54' N. on the lat. arc:
21° 19' S. on the decl. arc: and
determine a true meridian
with the solar, on the S.
bdy. of the Tp. at the Cor. of
Secs. 2, 3, 34 and 35, heretofore
described.
Thence I run
N. 0° 01' W. bet. secs. 34 and 35.
Over rolling land, ascend
through heavy cedar and
pinion timber.

31.50 Top of ridge, bears E. and W. descend.

37.00 Begin ascent.

40.00 Set a cedar post, 3 ft. long, 3 ins. sq.,
with marked stone, 24 ins. in the
ground, for ¼ sec. cor. marked
¼ S. 34, on W. and 35 on E.
faces: from which
A pinion, 6 ins. diam., bears
S. 32° E., 3 lks. dist., marked
¼ S. 35, B. T.
A pinion, 4 ins. diam., bears
S. 48° W., 5 lks. dist., marked
¼ S. 34, B. T.

80.00 Set a cedar post, 3 ft. long 4 ins. sq.
with marked stone, 24 ins. in the ground
for cor. of secs. 26, 27, 34 and 35. marked
T 33 S. S. 26. on N. E.
R. 25 E. S. 35. on S. E.
S 34. on S. W. and
S. 27. on N. W. faces; with 1
notch on S. and 2 notches
on E. edges: from which
A cedar, 12 ins. diam., bears
N. 48° E., 28 lks. dist., marked
T. 33 S., R. 25 E., S. 26, B. T.
A pinion, 8 ins. diam., bears
S. 43° E., 30 lks. dist., marked

Subdivisions of T. 33 S., R. 25 E. Continued

Chains	
	T. 33 S., R. 25 E., S. 35, B. T.
	A pinion, 8 ins. diam., bears
	S. 27° W., 6 lks. dist., marked
	T. 33 S., R. 25 E. S. 34, B. T.
	A cedar, 12 ins. diam., bears
	N. 13° W., 11 lks. dist., marked
	T. 33 S., R. 25 E. S. 27, B. T.
	Land, rolling.
	Soil, sandy. 2nd Rate
	Timber, cedar and pinion.
	Heavily timbered, 80.00 chs.
	East, on a random line,
	bet. secs. 26 and 35
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, at
	the cor. of secs. 25, 26, 35 and 36.
	Thence I run
	West, on a true line,
	bet. secs. 26 and 35.
	Descend, through heavy cedar
	and pinion timber.
.25	Drain, 25 ft. deep, course S. W.
	Ascend.
2.20	Top of spur ridge, projects
	S. W. descend.
7.00	Leave timber, bears N. and S.
	enter dense artimesa.
21.60	Drain, 30 ft. deep, course N. W.
	Ascend, over rolling land.
40.00	Set a cedar post 3 ft. long, 4 ins. sq.
	with marked stone, 24 ins. in the
	ground, for ¼ sec. cor., marked
	¼ S. 26, on N. and 35, on S. faces:
	dig pits 18×18×12 ins. E. and W. of
	stone, 3 ft. dist., and raise a
	mound of earth, 3½ ft. base,
	1½ ft. high, N. of cor.

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
70.50	Enter heavy timber, bears N. and S.
80.00	The cor. of secs. 26, 27, 34 and 35.
	Land, rolling.
	Soil, sandy, 2nd Rate.
	Timber, Cedar and pinion.
	Heavily timbered or dense undergrowth, 80.00 chs.

	N. 0°01' W. bet. secs. 26 and 27.
	Over rolling land, ascend through heavy cedar and pinion timber.
40.00	Set a cedar post, 3 ft. long, 4 ins. sq., with marked stone, 24 ins. in the ground, for ¼ sec. cor., marked ¼ S. 26 N. on W. and 26, on E. faces:
	from which
	A cedar, 10 ins. diam., bears S. 0°30' E., 52 lks. dist., marked ¼ S. 26, B. T.
	A cedar, 6 ins. diam., bears S. 26° W., 2.57 chs. dist., marked ¼ S. 27, B. T.
47.00	Leave heavy timber, bears E. and W.
	Enter dense artimesa.
69.00	Enter heavy timber, bears E. and W.
80.00	Set a cedar post, 3 ft. long, 4 ins. sq., with marked stone, 24 ins. in the ground, for Cor. of secs. 22, 23, 26 and 27 marked T. 33 S., S. 23. on N. E. R. 25 E., S. 26. on S. E. S. 27. on S. W. and S. 22. on N. W. faces: with 2 notches on S. and E. edges:
	from which
	A cedar, 8 ins. diam., bears

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	N. 1° 30' E. 22 lks. dist. marked T. 33 S., R. 25 E., S. 23. B. T. A cedar, 8 ins. diam., bears S. 65° E. 46 lks. dist. marked T. 33 S., R. 25 E., S. 26. B. T. A cedar, 7 ins. diam., bears S. 68° W., 35 lks. dist. marked T. 33 S., R. 25 E., S. 27. B. T. A cedar, 6 ins. diam., bears N. 61° W., 36 lks. dist. marked T. 33 S., R. 25 E., S. 22, B. T. Land, rolling. Soil, sandy. 2nd Rate. Timber, cedar and pinion. Heavy timber or dense undergrowth. 80.00 chs. January 14: At this Cor. I set off 21° 20' S. on the decl. arc: and at 0h 09m A. M. L. W. I observe the sun on the meridian, the resulting lat. is 37° 56' N.
	Cont. on a random line, bet. secs. 23 and 26.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, at the cor. of secs. 23, 24, 25 and 26. Thence I run W. cont. on a true line, bet. secs. 23 and 26. Descend, through heavy cedar and pinion timber.
12.00	Leave timber, bears N. E. and S. W. Enter scattering artimesia and bunch grass.
20.00	Enter scattering timber.
28.00	Leave timber.

Subdivision of T. 33 S., R. 25 E

	Enter bare flat, bears N. and S.
40.00	Set a cedar post, 3 ft. long, 4 ins. sq., with marked stone, 24 ins. in the ground, for ¼ Sec. cor. marked ¼ S. 23. on N. and 26. on S. faces: dig pits 18×18×12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
46.00	Leave flat, bears N. and S.
	Enter scattering artimesa.
	Ascend.
76.50	Enter heavy cedar and pinion timber, bears N. and S.
80.00	The cor. of secs. 22, 23, 26 and 27.
15.50 / 64	Land, rolling and level.
	Soil, sandy and loam. 1st and 2nd Rate.
	Timber, cedar and pinion.
	Heavily timbered. 15.50 chs.
	N. 0°01' W. bet. Secs. 22 and 23
	Over rolling land, ascend through heavy cedar and pinion timber.
2.00	Leave timber, bears E. and W.
	Enter scattering artimesa and bunch grass.
14.00	Road from Monticello to Dolores bears E. and W.
40.00	Set a cedar post, 3 ft. long, 4 ins. sq., with marked stone, 24 ins. in the ground, for ¼ Sec. cor., marked ¼ S. 22. on W. and 23 on E. faces: dig pits 18×18×12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.

Subdivision of T. 33 S. R. 25 E. Continued

Chains	
76.00	Enter scattering timber.
77.00	Top of knoll, bears E. and W.
	Leave timber.
	Descend.
80.00	Set a sandstone, 16×12×3 ins. 11 ins. in the ground, for cor. of secs. 14, 15, 22 and 23. marked with 3 notches on the S. and 2 notches on the E. edges: And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of Cor.
	Pits impracticable.
	Land, rolling.
	Soil, loam, 3rd Rate.
	Timber, cedar and pinion.

	East, on a variation line,
	bet. secs. 14 and 23.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, at the
	Cor. of secs. 13, 14, 23 and 24.
	Thence S.
	West, on a true line,
	bet. secs 14 and 23.
	Descend through heavy cedar and
	pinion timber.
25.00	Leave timber, bears N. and S.
33.00	Wash, 4 ft. wide, 3 ft. deep,
	Course N. W.
40.00	Set a limestone 16×12×3 ins. 11 ins. in the ground, for ¼ sec. cor. marked ¼ S. on N. face: dig pits 18×18×12 ins. E. and W. of stone, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
50.00	Enter heavy timber, bears N. and S.
65.00	Leave timber, bears N. and S.
72.00	Road from Carlisle's ranch to Mokons, bears N. W. and S. E.

Subdivision of T. 33 S. R. 25 E. Continued

Chains	
73.15	Wash, 10 ft. wide, 3 ft. deep. Course N. W. Ascend.
80.00	The cor. of secs. 14, 15, 22 and 23. Land, rolling.
40/40	Soil, loam. 2nd Rate. Timber, cedar and pinion. Heavy timber 40.00 chs. January 14. 1902.
	January 15: Lyt 8 A. M., l. m. t. I set off 37°56' N. on the lat. arc: 21°09' S. on the decl. arc: and determine a true meridian with the solar, at the cor. of secs. 14, 15, 22 and 23 Thence I run. N. 0°01' W. bet. secs. 14 and 15. Descend gradually, through scattering artimesa and bunch grass.
3.00	Road, from Carlisle's ranch to Dolores, bears N. W. and S. E.
40.00	Set a cedar post, 3 ft. long, 4 ins. sq. with marked stone 24 ins in the ground, for ¼ sec. cor. marked ¼ S. 15. on N. and 14 on E. faces: dig pits 18×18×12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
80.00	Set a cedar post, 3 ft. long, 3 ins. sq. with marked stone 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked T. 33 S., S. 11, on N. E., R. 25 E., S. 14. on S. E., S. 15. on S. W. and S. 10. on N. W. faces; with 4 notches on S. and 2 notches on E. edges: dig pits 18×18×12 ins. in each sec. 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Land, nearly level. Soil, loam, 2nd Rate, No timber.

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	East, on a random line,
	bet. secs. 11 and 14
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line,
	at the cor. of secs. 11, 12, 13 and 14.
	Thence I run
	West, on a true line,
	bet. secs. 11 and 14.
	Over rolling land, descend through
	heavy cedar and pinion timber.
6.00	Leave timber, bears N. W. and S. E.
	Enter scattering artimesia and
	bunch grass.
30.15	Wash, 10 ft. wide, 5 ft. deep, Course
	S. E. ascend.
40.00	Set a cedar post, 3 ft. long, 4 ins. sq.
	with marked stone, 24 ins. in the ground, for ¼
	sec. cor., marked ¼ S. 11, on N. and
	14, on S. faces: dig pits, 18 × 18 × 12
	ins. E. and W. of post, 3 ft. dist.
	and raise a mound of earth,
	3½ ft. base, 1½ ft. high, N. of cor.
80.00	The cor. of Secs. 10, 11, 14 and 15.
	Land, rolling.
	Soil, loam. 2nd Rate.
	Timber, cedar and pinion,
	Heavily timbered. 16.00 chs.

	N. 0° 01' W. bet. Secs. 10 and 11.
	Over rolling land, descend
	through scattering artimesia.
	and bunch grass.
40.00	Set a cedar post, 3 ft. long, 4 ins. sq.
	with marked stone, 24 ins. in the ground, for ¼
	Sec. cor., marked ¼ S. 10, on W. and 11
	on E. faces: dig pits 18 × 18 × 12 ins.
	N. and S. of post, 3 ft. dist., and raise
	a mound of earth 3½ ft. base, 1½ ft.

Subdivision of T. 33 S. R. 25 E. Continued

Chains	
	high, W. of Cor.
60.00	Bottom of draw, 25 ft. deep.
	Course N. E. ascend.
80.00	Set a sandstone 18×12×6 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: dig pits 18×18×12 ins. in each Sec. 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of Cor.
	Land, rolling.
	Soil, loam 2nd Rate.
	No timber.
	January 15: At this Cor. I set off 21° 09' S. on the decl. arc: and at 0h. 09m. p. m. l. m. t. observe the sun on the meridian, the resulting lat. is 37° 58' N.
	East, on a random line, bet. Secs. 2 and 11.
40.00	Set limp. ¼ Sec. Cor.
80.00	Intersect N. and S. line, at the Cor. of Secs. 1, 2, 11 and 12.
	Thence I run
	West, on a true line, bet. Secs. 2 and 11.
	Over rolling land, ascend through scattering artimesa and bunch grass.
34.50	Top of ascent, bears N. and S.
	Descend.
40.00	Set a sandstone 24×18×4 ins. 18 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face: dig pits 18×18×12 ins. E. and W. of stone, 3 ft. dist., and

Subdivision of T. 33 S. R. 25 E. Continued

Chains	
	raise a mound of earth, 3½ ft. base, 1½ ft. high. N. of cor.
77.50	Bottom of chan. 30 ft. deep. Course S. ascend.
80.00	The cor. of secs. 2, 3, 10 and 11. Land, rolling. Soil, loam, 2nd Rate. No timber.

N. 0° 01' W. on a random line, bet. secs. 2 and 3.

40.00 Set temp. ¼ sec. cor.

80.30 Intersect H. bdy. of Tp. at the Cor. of secs. 2, 3, 34 and 35 heretofore described.

Thence I run S. 0° 01' E. on a true line, bet. secs. 2 and 3.

Cross rolling land, ascend through dense artimesa.

16.00 Top of ridge, bears N. E. & S. W. descend.

35.00 Chan. 50 ft. deep. Course W. ascend.

40.30 Set a sandstone 16 x 10 x 4 ins. 11 ins in the ground, for ¼ Sec. cor. marked ¼ S. on W. face: and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Leave dense artimesa, enter scattering artimesa and bunch grass.

Begin descent.

80.30 The cor. of secs. 2, 3, 10 and 11. Land, rolling. Soil, loam, 2nd Rate. No timber.

January 15, 1902.

Subdivision of T. 33 S. R. 25 E. Continued

Chains	
	January 16: At 8 A.M. L.M.T. I set off 37°34' N. on the lat. arc 20°59' S. on the decl. arc: and determine a true meridian with the solar, on the S. bdy. of the Tp. at the cor. of secs. 34, 33 and 34.
	heretofore described
	Thence I run
	N. 0° 02' W. bet. secs. 33 and 34.
	Over rolling land.
	through dense artimesa
24.00	Enter heavy cedar and pinion timber, bears N.W. and S.E.
40.00	Set a cedar post, 3 ft. long, 4 ins. sq. 24 ins. in the ground, for ¼ sec. cor. marked ¼ S. 33. on N. and 34. on E. faces: from which
	A pinion, 8 ins. diam., bears S. 88° E. 41½ lks. dist. marked ¼ S. 34. B.T.
	A pinion, 8 ins. diam., bears S. 72° W. 34 lks. dist. marked ¼ S. 33. B.T.
80.00	Set a cedar post, 3 ft. long, 4 ins. sq. 24 ins. in the ground, for cor. of secs. 27, 28, 33 and 34 marked
	T. 33 S., S. 27. on N.E.
	R. 25 E., S. 34. on S.E.
	S. 33. on S.W. and S. 28. on N.W.
	faces; with 1 notch on S. and 3 notches on E. edges.
	from which
	A cedar, 10 ins. diam., bears N. 73° E. 70 lks. dist. marked T. 33 S. R. 25 E. S. 27. B.T.
	A cedar, 12 ins. diam., bears S. 70° 30' E. 70 lks. dist. marked T. 33 S., R. 25 E., S. 34. B.T.
	A cedar, 24 ins. diam. bears S. 48° W. 67 lks. dist. marked T. 33 S., R. 25 E., S. 33. B.T.
	A pinion, 12 ins. diam. bears

Subdivision of T. 33 S., R. 25 E., Continued.

Chains

N. 67° W., 69 lks. dist., marked
T. 33 S., R. 24 E., S. 28. B. T.
Land, rolling.
Soil, loam. 2nd Rate.
Timber, cedar and pinion
dense undergrowth on
heavily timbered. 80.00 Chs.

East, on a random line,
bet. secs. 27 and 34.
40.00 Set temp. ¼ sec. cor.
80.10 Intersect N. and S. line, 5 lks. S.
of the cor. of secs. 26, 27, 34 and 35.
Thence run
S. 89° 58' W. on a true line,
bet. secs. 27 and 34.
Cover rolling land,
through heavy cedar and pinion
timber.
40.05 Set a pinion post, 3 ft. long, 4 ins. sq.
with marked stone, 24 ins. in the ground, for ¼ sec.
cor. marked ¼ S. 27. on N. and 34
on S. faces: from which
A pinion, 8 ins. diam., bears
S. 88° E., 21 lks. dist., marked
¼ S. 34, B. T.
A pinion, 6 ins. diam., bears
N. 71° W., 23 lks. dist., marked
¼ S. 27. B. T.
80.10 The cor. of secs. 27, 28, 33 and 34.
Land, rolling.
Soil, clay and loam.
2nd and 3rd Rate.
Timber, cedar and pinion.
Heavily timbered. 80.10 Chs.

Subdivision of T. 33 S., R. 25 E. Contin

Chains

N. 0°02' W. bet. secs. 27 & 28.
Over rolling land.
Through heavy cedar & pinion timber.
18.00 Leave timber, bears E. & W.
Enter dense artimesa.
27.00 Enter heavy timber, bears E. & W.
40.00 Set a cedar post, 3 ft. long, 4 ins. sq. [illegible] 24 ins. in the ground, for
¼ sec. cor. marked ¼ S. 28. on W.
and 27. on E. faces:
from which
A cedar, 6 ins. diam. bears S. 46° E.
1.04 chs. dist. marked ¼ S. 27. B. T.
A cedar, 20 ins. diam. bears N. 73° W. 73
lks. dist. marked ¼ S. 28. B. T.
64.15 Road from Monticello to Dolores
bears E. & W.
78.00 Leave heavy timber, enter
scattering timber.
80.00 Set a cedar post, 3 ft. long, 4 ins. sq. [illegible]
24 ins. in the ground, for cor. of secs.
21, 22, 27 & 28. marked
T. 33 S., S. 22. on N. E.
R. 25 E., S. 27. on S. E.
S. 28. on S. W. and S. 21. on N. W. faces:
with 2 notches on S. and 3 notches
on E. edges: from which
A cedar, 10 ins. diam. bears
N. 75° E., 1.15 chs. dist. marked
T. 33 S., R. 25 E., S. 22. B. T.
A cedar, 12 ins. diam. bears
S. 70°30' E., 70 lks. dist. marked
T. 33 S., R. 25 E., S. 27. B. T.
A cedar, 24 ins. diam. bears
S. 28° W., 67 lks. dist. marked
T. 33 S., R. 25 E., S. 28. B. T.
A pinion, 12 ins. diam. bears
N. 67° W., 69 lks. dist. marked
T. 33 S., R. 25 E., S. 21. B. T.
Land, rolling.

Subdivision of T. 33 S., R. 25 E. continued

Chains	
	Soil, loam, 2nd Rate. Timber, cedar and pinion. Heavily timbered or dense undergrowth. 80.00 chs. January 16: At this Cor. I set off 20°58' S. on the decl. arc: and at 0h 10m p. m. l. m. t. observe the sun on the meridian, the resulting lat. is 37°56' N.
	N. 89°58' E. on a random line, bet. secs. 22 and 27.
40.00	Set temp. ¼ Sec. Cor.
80.06	Intersect N. and S. line, 5 lks. N. of the Cor. of secs. 22, 23, 26 and 27. Thence I run West, on a true line bet. secs. 22 and 27. Over rolling land through heavy cedar and pinion timber.
4.50	Leave heavy timber. bears N. and S. Enter dense underwood and fallen dead and burnt timber.
34.00	Road, from Monticello to Moab bears S. N. and N. E.
40.03	Set a cedar post, 3 ft. long, 4 ins. sq. with marked sides 4 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. 22. on N. and 27. on S. faces: dig pits 18×18×12 ins. E. and W. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of Cor.
50.00	Enter heavy timber, bears N. and S.
80.06	The Cor. of secs. 21, 22, 27 and 28. Land rolling. Soil, clay and sandy loam. 2nd and 3rd Rate.

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	Timber, cedar and pinion heavily timbered or dense undergrowth, 80.06 chs.
	N. 0°02' W. bet. secs. 21 and 22. Over rolling land, through dense nitrosa and scattering cedar and pinion timber.
38.00	Enter heavy timber, bears N.W. and S.E.
40.00	Set a cedar post, 3 ft. long, 4 ins. sq. with marked stone 24 ins. in the ground, for ¼ sec. cor., marked ¼ S. 21. on W. and 22. on E. faces: from which A cedar, 18 ins. diam., bears S. 47° E., 14 lks. dist., marked ¼ S. 22. B. T. A cedar, 12 ins. diam., bears S. 66° W., 45 lks. dist., marked ¼ S. 21. B. T.
69.00	Leave timber, bears N.W. and S.E.
80.00	Set a limestone 28×12×3 ins. 21 ins. in the ground, for cor. of secs 15, 16, 21 and 22. marked 33 S. on N.E. and 25 E. on S.E. faces: with 3 notches on S. and E. edges: from which A cedar, 36 ins. diam., bears S. 57° W., 1.00 ch. dist., marked T. 33 S., R. 25 E., S. 21. B. T. A cedar, 20 ins. diam., bears N. 31° W., 49 lks. dist., marked T. 33. S., R. 25 E., S. 16. B. T. No other trees within limits. Dig pits 18×18×12 ins. in each sec. 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft.

Subdivision of T. 33 S., R. 25 E. Continued.

Chains	
	high, W. of cor.
	Land rolling.
	Soil, loam, 2nd Rate.
	Timber, cedar and pinion.
	Heavy timber and dense
	undergrowth. 80.00 chs.
	East, on a random line,
	bet. secs. 15 and 22.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect H. and S. line, at the
	Cor. of secs. 14, 15, 22 and 23.
	Thence I run
	West, on a true line,
	bet. secs. 15 and 22.
	Ascend through dense artimesia.
3.00	Top of knoll, bears H. and S.
	Descend.
27.00	Enter heavy cedar and pinion timber,
	bears H. and S.
40.00	Set a cedar post, 3 ft. long, 4 ins. sq. with marked stone, 24 ins.
	in the ground, for ¼ sec. cor. marked ¼ S.
	15, on H. and 22 on S. faces;
	from which
	A cedar, 7 ins. diam., bears
	N. 77° E., 68 lks. dist., marked
	¼ S. 15, B. T.
	A cedar, 24 ins. diam., bears
	S. 33° E., 86 lks. dist., marked
	¼ S. 22, B. T.
69.00	Leave timber, bears H. and S.
74.50	Draw, 20 ft. deep, course H.
	Ascend.
80.00	The cor. of secs. 15, 16, 21 and 22.
	Land, rolling.
	Soil, loam, 2nd Rate.
	Timber, cedar and pinion
	Heavy timber or dense undergrowth, 80.00 chs.
	January 16, 1902

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	January 17; At 8 A.M., l.m.t. I set off 37°56' N. on the lat. arc: 20°48' S. on the decl. arc: and determine a true meridian with the solar, at the cor. of secs. 15, 16, 21 and 22.
	Thence I run
	N. 0°02' W. bet. secs. 15 and 16.
	Over rolling land,
	through scattering artimesa and cedar and pinion timber.
20.00	Road from Carlisle's ranch to Dolores, bears N.W. and S.E.
40.00	Set a cedar post, 4 ft long, 4 ins sq. with marked stone 36 ins. in the ground, for ¼ sec. cor. marked ¼ S. 16. on W. and 15 on E. faces:
	from which
	A cedar, 12 ins. diam., bears N. 0°30' E. 66 lks. dist., marked ¼ S. 15, B. T.
	A cedar, 7 ins diam., bears S. 83° W. 32 lks. dist., marked ¼ S. 16. B. T.
64.00	Enter heavy timber, bears N.E. and S.W.
80.00	Set a cedar post, 3 ft. long, 4 ins. sq. with marked 2 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16 marked
	T. 33 S., S. 10. on N. E.
	R. 25 E., S 15, on S. E.
	S. 16, on S. W. and S. 9, on N. W. faces: with 4 notches on S and 3 notches on E. edges:
	from which
	A pinion, 16 ins. diam., bears N. 53° E. 60 lks. dist., marked T. 33 S., R. 25 E., S. 10, B. T.
	A pinion, 10 ins. diam., bears S. 77° E., 1.41 chs. dist., marked T. 33 S., R. 25 E. S. 15, B. T.
	A pinion, 5 ins. diam., bears S. 63° W., 43 lks. dist., marked

16.50
[illegible]

Subdivision of T. 33 S. R. 25 E. Continued

Chains	
	T. 33 S., R. 25 E., S. 16, B. T. A pinion, 12 ins diam., bears N. 10° W., 39 lks. dist., marked T. 33 S., R. 25 E., S. 9, B. T. Land, rolling. Soil, loam, 2nd Rate. Timber, cedar and pinion. Heavy timber, 16.00 chs.
	East, on a random line, bet. secs. 10 and 15.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, at the Cor. of secs. 10, 11, 14 and 15. Thence I run West, on a true line, bet. secs. 10 and 15. Over rolling land, through scattering at times a.
40.00	Set a cedar post, 3 ft. long, 4 ins sq. with marked stone, 24 ins in the ground, for ¼ sec. cor. marked ¼ S. 10. on N. and 15. on S. faces: dig pits 18×18×12 ins. E. and W. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
77.00	Enter heavy cedar and pinion timber, bears N. and S.
80.00	The Cor. of secs. 9, 10, 15 and 16.
3/77	Land, rolling. Soil, loam, 2nd Rate. Timber, cedar and pinion. Heavy timber, 3.00 chs.
	N. 0°02' W., bet. secs. 9 and 10. Over rolling land, ascend through heavy cedar and pinion

Subdivision of T. 33 S. R. 25 E. Con

Chains	
	timber.
4.00	Leave timber, bears N.W. and S.E.
40.00	Top of ridge, bears E. and W.
	Set a cedar post, 3 ft. long, 3 ins. sq. with marked stone, 24 ins. in the ground, for ¼ sec. cor., marked ¼ S. 9. on W. and 10. on E. faces; dig pits 18×18×12 ins. N. and S. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
	Descend.
80.00	Set a cedar post, 3 ft. long, 4 ins. sq. with marked stone, 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10,
4/76	marked T. 33 S. S. 3. on N.E. R. 25 E., S. 10. on S.E. S. 9. on S.W. and S. 4. on N.W. faces; with 5 notches on S. and 3 notches on E. edges; dig pits 18×18×12 ins. in each sec. 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
	Land, rolling
	Soil clay 3rd Rate.
	Timber cedar and pinion.
	Heavy timber, 4.00 chs.
	January 17: At this cor. I set off 20°47' S. on the decl. arc; and at 0h 10m p.m. l.m.t. observe the sun on the meridian; the resulting lat. is 37°58' N.
	East, on a random line, bet. secs. 3 and 10.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line,

Subdivision of T. 33 S. R. 25 E. Continued

Chains	
	At the Cor. of Secs. 2, 3, 10 and 11.
	Thence I run
	West, on a true line.
	Bet. Secs. 3 and 10
	Over rolling land, ascend
	through Scattering Artimesia.
40.00	Set a Cedar post, 3 ft. long, 3 ins. sq.
	with marked stone, 24 ins. in the
	ground, for ¼ sec. cor. marked
	¼ S. 3 on N. and 10 on S. faces:
	dig pits 18×18×12 ins. E. and N.
	of post, 3 ft. dist. and
	raise a mound of earth,
	32 ft. base, 12 ft. high, N. of cor.
80.00	The Cor. of Secs. 3, 4, 9 and 10
	Land, rolling.
	Soil, clay and loam. 2nd Rate.
	No timber.

	N. 0°02' on a random line.
	Bet. Secs. 3 and 4.
40.00	Set temp. ¼ sec. cor.
80.30	Intersect St. bdy. of Tp. at the
	Cor. of Secs. 3, 4, 33 and 34
	here to fore described.
	Thence I run
	S. 0°02' E. on a true line.
	Bet. Secs. 3 and 4.
	Over rolling land.
40.30	Set a pinion post, 3 ft. long, 3 ins. sq. with marked stone, 24 ins. in
	the ground, for ¼ sec. cor. marked ¼ S. 4 on
	N. and 3 on E. faces: dig pits 18×18×12 ins.
	N. and S. of post, 3 ft. dist. and raise a mound of
	earth, 32 ft. base, 12 ft. high, N. of cor.
80.30	The Cor. of Secs. 3, 4, 9 and 10
	Land, rolling.
	Soil, clay and loam. 2nd Rate.
	No timber. January 17, 1902.

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	January 18: At 8 A.M., l.m.t. I set off 37°54' N. on the lat. arc; 20°34' S. on the decl. arc: and determine a true meridian, with the solar, on the S. bdy. of the Tp. at the Cor. of secs. 4, 5, 32 and 33. heretofore described Thence I run N. 0°3' W. bet. secs. 32 and 33. Over rolling land, through heavy cedar and pinion timber.
40.00	Set a cedar post, 3 ft. long, 4 ins. sq. with marked stone, 24 ins. in the ground, for ¼ sec. cor. marked ¼ S. 32. on W. and 33. on E. faces: from which A cedar, 8 ins. diam., bears S. 14° E., 12 lks. dist. marked ¼ S. 33. B. T. A pinion, 8 ins. diam., bears S. 4° W., 27 lks. dist. marked ¼ S. 32. B. T.
80.00	Set a cedar post, 3 ft. long, 4 ins. sq. with marked stone, 24 ins. in the ground, for Cor. of secs. 28, 29, 32 and 33. marked T. 33 S., S. 28. on N. E. R. 25 E., S. 33. on S. E. S. 32. on S. W. and S. 29. on N. W. faces: with 1 notch on S. and 4 notches on E. edges: from which A cedar, 3 ins. diam., bears N. 4° E., 12 lks. dist., marked T. 33 S., R. 25 E., S. 28, B. T. A cedar, 20 ins. diam., bears S. 19° E., 2.10 chs. dist., marked T. 33 S., R. 25 E., S. 33. B. T. A cedar, 10 ins. diam., bears

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	S. 13° W., 1.64 chs. dist., marked T. 33. S., R. 25 E., S. 32. B. T. A cedar, 15 ins. diam., bears N. 73° W., 63 lks. dist., marked T. 33 S., R. 25 E., S. 29. B. T. Land, rolling. Soil, sandy, 3rd Rate. Timber, cedar and pinion. Heavily timbered. 80.00 chs.
	East, on a random line, bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, at the cor. of secs. 27, 28, 33 and 34. Thence from West, on a true line, bet. secs. 28 and 33. Cross rolling land, through heavy cedar and pinion timber.
40.00	Set a limestone 14 x 13 x 3 ins., 10 ins. in the ground, for ¼ sec. cor., marked ¼ S. on N. face: from which A pinion, 6 ins. diam., bears S. 88° W., 17 lks. dist., marked ¼ S. 33. B. T. A pinion, 6 ins. diam., bears N. 37° E., 28 lks. dist., marked ¼ S. 28. B. T.
44.00	Leave timber, bears N. W. and S. E. Enter dense artimesia.
67.00	Enter heavy timber, bears N. and S.
80.00	The cor. of secs. 28, 29, 32 and 33. Land, rolling. Soil, sandy, 2nd Rate.

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	Timber cedar and pinion. Heavily timbered or dense undergrowth, 80.00 Chs. January 18: At this Cor. I set off 20°35' S. on the decl. arc: and at 0h. 10m. p.m., l.m.t., observe the sun on the meridian. the resulting lat. is 37°55' N.
	N. 0°3' W. bet. secs. 28 and 29. Over rolling land, ascend through heavy cedar and pinion timber.
9.00	Leave heavy timber, enter scattering timber and at times a.
15.00	Leave timber.
37.55	Road from Monticello to Dolores, bears N. E. and S. W.
40.00	Set a cedar post, 3 ft. long, 3 ins. sq. with marked stone, 24 ins. in the ground, for 1/4 sec. cor., marked 1/4 S. 29. on W. and 28. on E. faces: dig pits, 18×18×12 ins. N. and S. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, N of Cor.
70.00	Enter heavy timber, bears E. and W.
73.00	Leave heavy timber, bears E. and W. Enter scattering timber.
80.00	Set a limestone, 24×12×3 ins. 18 ins. in the ground, for Cor. of secs. 20, 21, 28 and 29. marked with 2 notches on the S. and 4 notches on the E. edges: from which A cedar, 24 ins. diam., bears S. 70° E., 1.95 Chs. dist., marked T. 33 S., R. 25 E., S 28 B. T.

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	A cedar, 14 ins. diam., bears S. 53° W., 2.00 chs. dist. marked T. 33 S., R. 25 E., S. 29, B.T.
	A cedar, 15 ins. diam., bears N. 89° W., 1.42 chs. dist., marked T. 33 S. R. 25 E., S. 20, B. T.
	No other trees within limits.
	And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Pits impracticable.
	Land, rolling.
	Soil, loam, 2nd Rate —
	Timber, cedar and pinion.
	Heavily timbered, 12.00 chs.
	East, on a randomline, bet. secs. 21 and 28.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, at the cor. of secs. 21, 22, 27 and 28.
	Thence I run
	West, on a true line, bet. secs. 21 and 28.
	Over rolling land, ascend through scattering cedar and pinion timber and dense artimesia.
10.00	Enter heavy cedar and pinion timber, bears N. and S.
40.00	Set a sandstone, 15 x 14 x 3 ins. 10 ins. in the ground, for ¼ sec. cor., marked ¼ S. on N. face:
	from which
	A pinion, 12 ins. diam., bears S. 8° E., 32 lks. dist., marked ¼ S. 28. B. T.
	A pinion, 10 ins. diam., bears N. 9° W., 35 lks. dist., marked ¼ S. 21, B. T.

Subdivision of T. 33 S. R. 25 E. Continued

Chains	
55.00	Leave heavy timber, bears N. and S. Enter scattering timber.
80.00	The cor. of Secs. 20, 21, 28 and 29. Land, rolling. Soil, loam, 2nd Rate. Timber, cedar and pinion. Heavy timber or dense undergrowth. 80.00 chs.
	N. 0° 3' W. bet. secs. 20 and 21. Over rolling land, ascend through scattering cedar and pinion timber.
19.00	Top of ridge, bears E. and W. Descend.
21.00	Leave timber.
40.00	Set a cedar post, 3 ft. long, 4 ins. sq. with marked stone, 24 ins. in the ground, for ¼ sec. cor., marked ¼ S. 20, on W. and 21 on E. faces: dig pits, 18 x 18 x 12 ins. N. and S. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high N. of cor.
45.00	Enter heavy timber, bears N. E. and S. W.
80.00	Set a cedar post, 3 ft. long, 4 ins. sq. with marked stone, 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, marked T. 33 S., S. 16, on N. E. R. 25 E., S. 21, on S. E. S. 20, on S. W. and S. 17, on N. W. faces: with 3 notches on S. and 4 notches on E. edges: from which a pinion, 12 ins. diam., bears N. 76° E. 17 lks. dist., marked T. 33 S., R. 25 E., S. 16, B. T.

Subdivision of T. 33 S., R. 25 E., Continued

Chains	
	A cedar, 7 ins. diam., bears S. 38° E., 58 lks. dist., marked T. 33 S., R. 25 E., S. 21. B. T.
	A cedar, 20 ins. diam., bears S. 51° W., 27 lks. dist., marked T. 33 S., R. 25 E., S. 20. B. T.
	A pinion, 20 ins. diam., bears N. 52° W., 27 lks. dist., marked T. 33 S., R. 25 E., S. 17. B. T.
	Land, rolling.
	Soil loam, 2nd Rate.
	Timber, cedar and pinion.
	Heavy timber. 35.00 chs.
	January 18. 1912.
	January 19: At 8 A. M., l. m. t. I set off 37°56' N. on the lat. arc: 20°22' S. on the decl. arc: and determine a true meridian with the solar, at the cor. of secs. 16, 17, 20 and 21.
	Thence I run
	East, on a true line,
	bet. secs. 16 and 21.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, at the cor. of secs. 15, 16, 21 and 22.
	Thence I run
	West, on a true line,
	bet. secs. 16 and 21.
	Ascend, through scattering cedar and pinion timber.
4.00	Enter heavy timber, bears N. and S.
6.00	Top of ridge, bears N. and S.
	Descend.
16.00	Leave timber, bears N. and S.
	Enter dense artimesa.
40.00	Set a cedar post, 3 ft. long 4 ins. sq. with marked stone, 24 ins. in the

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	ground, for ¼ sec. cor. marked ¼, S. 16. on the N and 21. on the S. faces: dig pits 18×18×12 ins. E. and W. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
50.00	Begin ascent.
65.00	Enter burnt-timber, bears N. and S.
70.00	Enter heavy timber, bears N. and S.
80.00	The cor. of secs. 16, 17, 20 and 21. Land, rolling. Soil, loam, 2nd Rate. Timber, Cedar and pinion. Heavily timbered or dense undergrowth, 80.00 chs.
	N. 0° 3' W. bet. secs. 16 and 17. Chain rolling land, through heavy cedar and pinion timber.
16.00	Leave timber, bears E and W. Enter dense artimesia.
40.00	Set a pinion post, 3 ft. long 3 ins. sq. with marked stone, 24 ins. in the ground, for ¼ sec. cor. marked ¼ S. 17. on the W. and 16. on E. faces: dig pits 18×18×12 ins. N. and S. of post 3 ft. dist, and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
50.00	Leave dense artimesia.
59.75	Road from Carlisle's ranch to Holbrook, bears N. W. and S. E.
70.00	Set a cedar post, 3 ft. long, 4 ins. sq. with marked stone, 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17 marked

Subdivision of T. 33 S. R. 25 E. Continued

Chains	
	T. 33 S., S. 9, on N. E. R. 25 E., S. 16, on S. E. S. 17, on S. W. and S. 8, on N. W. faces: with 4 notches on S. and E. edges: dig pits 18×18×12 ins. in each sec. 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Land, rolling. Soil, clay, 2nd and 3rd Rate. Timber, cedar and pinion. Heavily timbered or dense undergrowth. 50.00 chs
	East, on a random line: bet. secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 9, 10, 15 and 16. Thence I run N. 89° 58' W. on a true line, bet. secs. 9 and 16. Over rolling land.
40.00	Set a pinion post, 3 ft. long, 3 ins. sq. with marked stone, 24 ins. in the ground, for ¼ sec. cor., marked ¼ S. 9, on N. and 16 on S. faces: dig pits 18×18×12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
80.00	The cor. of secs. 8, 9, 16 and 17. Land, rolling. Soil, clay 2nd Rate. No timber. January 19: At this cor. I set off 20° 23' S. on the decl arc: and at 0h 11m p.m., l.m.t., observe the sun on the meridian, the resulting lat. is 37° 57' N.

Subdivision of T. 33 S. R. 25 E. Continu

Chains	
	N. 0° 3' W. bet. secs. 8 and 9.
	Over rolling land.
40.00	Set a pinion post, 3 ft. long, 3 ins. sq. with marked stone, 24 ins. in the ground, for ¼ sec. cor. marked ¼ S. 8. on N. and 9 on E. faces: dig pits 18·18·12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
80.00	Set a sandstone, 24×14×3 ins. 18 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; dig pits 18×18×12 ins. in each sec. 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.
	Land, rolling.
	Soil, clay, 2nd Rate.
	No timber.
	S. 89° 58' E. on a random line, bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
79.95	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 3, 4, 9 and 10.
	Thence I run
	S. 89° 59' W. on a true line, bet. secs. 4 and 9.
	Over rolling land, descend.
39.975	Set a sandstone, 20×16×3 ins. 15 ins. in the ground, for ¼ sec. cor. marked ¼ S on W. face: and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
44.00	Bottom of ravine, 75 ft. deep.

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	Course N. Ascend.
79.95	The cor. of secs. 4, 5, 8 and 9.
	Land, rolling.
	Soil, stony and clay, 2nd and 3rd Rate.
	No timber.
	N. 0° 3' W. on a random line.
	bet. secs. 4 and 5.
40.00	Set temp. ¼ sec. cor.
80.26	Intersect N. bdy. of Tp. at the
	Cor. of secs. 4, 5, 32 and 33.
	heretofore described.
	Thence I run
	S. 0° 3' E. on a line line.
	bet. secs. 4 and 5.
	Over rolling land
40.26	Set a sandstone 18x10x3 ins., 12
	ins. in the ground, for ¼ sec. cor.
	marked ¼ S. on W. face: and raise a
	mound of stone, 2 ft. base.
	1½ ft. high, W. of cor.
	Pits impracticable.
80.26	The cor. of secs. 4, 5, 8 and 9.
	Land, rolling.
	Soil, clay, 2nd Rate.
	No Timber.
	January 19, 1902.
	January 20: At 8 A.M., l. m. t. I.
	set off 37° 54' N. on the lat. arc:
	20° 09' S. on the decl. arc: and determine
	a line meridian with the
	solar, on the S. bdy. of the
	Tp. at the cor. of secs. 5, 6, 31 and 32.
	heretofore described.
	Thence I run
	N. 0° 3' W. bet. secs. 31 and 32.

Subdivision of T. 33 S., R. 25 E. Contin

Chains	
	Over rolling land, ascend.
7.50	Enter heavy cedar and pinion timber, bears N. W. and S. E.
36.75	Leave timber, bears E. and W.
40.00	Set a sandstone, 12×12×4 ins. 8 ins. in the ground, for ¼ sec. cor. marked ¼ S. on W. face: dig pits 18×18×12 ins. N. and S. of stone, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
44.00	Enter heavy timber, bears E. and W.
54.00	Leave timber, bears E. and W.
60.00	Top of low ridge, bears E. and W. Descend.
80.00	Set a sandstone 15×10×4 ins. 10 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked with 1 notch on S. and 5 notches on E. edges: dig pits 18×18×12 ins. in each sec. 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
	Land rolling.
	Soil, Sandy. 2nd and 3rd Rate.
	Timber, cedar and pinion.
	Heavily timbered. 46.75 chs.

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

40.00 Set temp ¼ sec. cor.

80.00 Intersect N. and S. line, at the cor. of secs. 28 29 32 and 33.

Thence S. run

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

Over rolling land.

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	through heavy cedar and pinion timber.
32.00	Leave timber, bears N.E. and S.W.
40.00	Set a sandstone 15 x 10 x 4 ins. 10 ins. in the ground, for ¼ sec. cor. marked ¼ S. on N. face: dig pits 18 x 18 x 12 ins. E. and W. of stone, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
43.50	Enter heavy timber, bears N. and S.
77.00	Leave timber, bears N.W. and S.E.
80.00	The cor. of secs. 29, 30, 31 and 32.
65.50 / 14.50	Land rolling. Soil, sandy, 2nd and 3rd Rate. Timber, cedar and pinion. Heavily timbered 65.50 chs.
	West, on a random line, bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
78.75	Intersect W. bdy. of Tp. 3 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is a cedar post, 4 ins. sq. 18 ins. above the ground, marked as returned under Contract No. 238 of James M. Lentz U.S.
	Thence I run N. 89° 59' E. on a true line, bet. secs. 30 and 31.
	Run rolling land, descend.
6.00	Enter dense cutimesa and timber.
37.00	Bottom of ravine, 75 ft. deep, course S. ascend, leave timber.
38.78	Set a sandstone 15 x 8 x 4 ins. 10 ins. in the ground, for ¼ sec. cor. marked ¼ S. on N. face: and raise

Subdivision of T. 33 S., R. 25 E. Contin

Chains	
	a mound of stone, 2 ft. base, 1½ ft. high N. of cor. Pits impracticable.
78.78	The cor. of secs. 29, 30, 31 and 32. Land, rolling.
72.78	Soil, sandy, 2nd and 3rd Rate. Timber, Cedar and pinion. dense undergrowth, 72.78 chs.
	N. 0° 3' W. bet. secs. 29 and 30. over rolling land.
5.00	Enter heavy cedar and pinion timber, bears N. W. and S. E.
15.00	Leave timber, bears E. and W.
25.00	Road from Monticello to Dolores bears N. E. and S. W.
40.00	Set a cedar post, 3 ft. long, 3 ins. sq. with marked stone, 24 ins. in the ground, for ¼ sec. cor., marked ¼ S. 30. on W. and 29. on E. faces: dig pits 18 × 18 × 12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
50.00	Enter heavy timber, bears E. and W.
77.00	Leave timber, bears E. and W. Enter dense artimesa.
80.00	Set a pinion post, 3 ft. long, 4 ins. sq. with marked stone, 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30. marked T. 33 S., S. 20. on N. E. R. 25 E., S. 29. on S. E. S. 30. on S. W. and S. 19. on N. W. faces: with 2 notches on S. and 5 notches on E. edges: from which A pinion, 8 ins. diam., bears S. 56° W., 1.17 chs. dist., marked
75.5	

Subdivision of T. 33 S., R. 25 E. Continued.

Chains	
	T. 33 S., R. 25 E., S. 30, B. T. No other lines within limits. Dig pits. 18×18×12 ins. in each Sec. 5½ ft. dist., and raise a mound of earth. 4 ft. base, 1½ ft. high, N. of Cor. Land, rolling. Soil, sandy, 3rd Rate. Timber, cedar and pinion. Heavily timbered or dense undergrowth. 75.00 chs. January 20: At this Cor. I set off 26° 10' S. on the decl. arc: and at 0h. 11m. p. m., l. m. t. observe the sun on the meridian, the resulting lat. is 37° 56' N.
	East, on a random line, bet. secs. 20 and 29.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, at the cor. of secs. 20, 21, 28 and 29.
	Thence I run West, on a true line, bet. secs. 20 and 29. Cross rolling land, ascend through heavy cedar and pinion timber.
40.00	Set a cedar post, 3 ft. long, 3 ins. sq. with marked stone, 24 ins. in the ground, for ¼ sec. cor., marked ¼ S. 20, on N. and 29, on S. faces: from which A cedar, 8 ins. diam., bears N. 80° E. 15 lks. dist., marked ¼ S. 20, B. T. A cedar, 10 ins diam., bears S. 25 lks. dist., marked ¼ S. 29, B. T.

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
58.00	Top of ridge, bears N.W. and S.E. descend.
77.00	Leave timber, bears N. and S. Enter dense artimesia.
80.00	The cor. of Secs. 19, 20, 29 and 30. Land, rolling. Soil, sandy, 3rd Rate. Timber, cedar and pinion. Heavily timbered or dense undergrowth. 80.00 chs.

S. 89°59' W. on a random line, bet. Secs. 19 and 20.

40.00	Set temp. ¼ Sec. cor.
78.69	Intersect W. bdy. of Tp. 5 Ths. N. of the Cor. of Secs. 19, 24, 25 and 30. which is a sandstone 6 x 10 x 4 ins. above the ground, marked and witnessed as returned under Contract No. 238, of James M. Lenz U.S.

Thence I run N. 89°57' E. on a true line, bet. Secs. 19 and 30. over rolling land, through heavy cedar and pinion timber.

28.50	Leave timber, bears N. and S. Enter dense artimesia.
38.69	Set a pinion post, 3 ft. long, 3 ins. sq. with marked above, 24 ins. in the ground, for ¼ Sec. cor. marked ¼ S. 19, on N. and 30, on S. faces: dig pits 18 x 18 x 12 ins. E. and W. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of Cor.
56.00	Enter heavy timber, bears N. and S.

77.00 Leave timber, bears N. W. and S. E.

78.69 The cor. of secs. 19, 20, 29 and 30.
Land, rolling.
Soil, sandy, 2nd and 3rd Rate.
Timber, cedar and pinion.
Heavily timbered or dense undergrowth. 78.69 chs.

N. 0° 3' W. bet. secs. 19 and 20.
Over rolling land, ascend through dense artimesa and scattering cedar and pinion timber.

38.00 Top of ridge, bears N. W. and S. E.
Enter heavy cedar and pinion timber, bears E. and W.
Descend.

40.00 Set a cedar post, 3 ft. long, 3 ins. sq. with marked stone, 24 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. 19. on W. and 20. on E. faces: from which
A cedar, 15 ins. diam., bears S. 25° W. 5 lks. dist., marked 1/4 S. 19. B. T.
A pinion, 8 ins. diam., bears N. 20° E. 43 lks. dist., marked 1/4 S. 20., B. T.

50.00 Begin ascent.

75.00 Top of spur, projects E.
Descend.

80.00 Set a pinion post, 3 ft. long 3 ins. sq., with marked stone, 24 ins. in the ground, for Cor. of secs. 17, 18, 19 and 20. marked T. 33 S., S. 17, on N. E.
R. 25 E., S. 20. on S. E.
S. 19. on S. W. and S. 18. on N. W. faces:

Subdivisions of T. 33 S., R. 25 E. Contin

Chains

with 3 notches on the S. and
5 notches on the E. edges:
from which
A cedar, 24 ins. diam., bears
N. 49° E., 36 lks. dist., marked
T. 33 S., R. 25 E., S. 17, B.T.
A cedar, 12 ins. diam., bears
S. 32° E., 20 lks. dist., marked
T. 33 S., R. 25 E., S. 20. B. T.
A pinion, 18 ins. diam., bears.
S. 63° W., 58 lks. dist., marked
T. 33 S., R. 25 E., S. 19, B. T.
A cedar, 7 ins. diam., bears
N. 47° W., 50 lks. dist. marked
T. 33 S., R. 25 E., S. 18. B. T.
Land, rolling.
Soil, Sandy, 3rd Rate.
Timber, cedar and pinion.
Heavily timbed or dense
undergrowth, 80.00 chs.

East, on a random line,
bet. secs. 17 and 20.
40.00 Set temp. ¼ sec. cor.
80.00 Intersect N. and S. line, at the
Cor. of secs. 16, 17, 20 and 21.
Thence I run
West, on a true line,
bet. secs. 17 and 20.
Run rolling land,
through heavy cedar and
pinion timber.
40.00 Set a cedar post, 3 ft. long 3 ins. sq.
with marked stone, 24 ins. in the
ground, for ¼ sec. cor., marked
¼ S. 17, on N. and 20. on S.
faces:
from which

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	A cedar, 4 ins. diam., bears N. 75° E. 58 lks. dist., marked ¼ S. 17, B. T.
	A cedar, 12 ins. diam., bears S. 50° W., 80 lks. dist., marked ¼ S. 20, B. T.
42.00	Leave timber, bears N. E. and S. W.
65.00	Enter heavy timber, bears N. and S.
80.00	The cor. of secs. 17, 18, 19 and 20.
	Land, rolling.
50.00 / 28.00	Soil, sandy, 2nd Rate.
	Timber, cedar and pinion.
	Heavily timbered, 57.00 chs.
	January 20, 1902

	January 21: At 8 A. M., L. M. T. I set off 37°56' N. on the lat. arc: 19°56' S. on the decl. arc: and determine a true meridian with the Solar, at the cor. of secs. 17, 18, 19 and 20.
	Thence I run S. 89° 57' W. on a random line, bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
78.61	Intersect W. bdy. of Tp. 5 lks. N. of the Cor. of Secs. 13, 18, 19 and 24. which is a sandstone 6 x 10 x 4 ins. above the ground, marked and witnessed as returned under Contract No. 238 of James M. Lentz Dl. S.
	Thence, I run N. 89° 55' E. on a true line, bet. secs. 18 and 19.
	Cross rolling land, through heavy cedar and pinion timber.
21.50	Leave heavy timber, bears N. and S.
	Enter dense artimesia and

Subdivision of T. 33 S., R. 25 E. Contd.

Chains	
	and scattering cedar and pinion timber.
38.61	Set a cedar post, 3 ft. long, 3 ins. sq. with marked stone, 24 ins. in the ground, for ¼ sec. cor., marked ¼ S. 18 on the N. and 19 on the S. faces: from which
	A cedar, 20 ins. diam., bears N. 48° E. 39 lks. dist., marked ¼ S. 18, B. T.
	A cedar, 12 ins. diam., bears S. 16° W. 20 lks. dist., marked ¼ S. 19, B. T.
45.00	Enter heavy timber, bears N. and S.
78.61	The cor. of secs. 17, 18, 19 and 20.
	Land, rolling.
	Soil, sandy. 3rd Rate.
	Timber, cedar and pinion.
	Heavily timbered or dense undergrowth. 78.61 chs.

	N. 0° 3' W. bet. secs. 17 and 18.
	Over rolling land, through heavy cedar and pinion timber.
40.00	Set a cedar post, 3 ft. long, 3 ins. sq. with marked stone, 24 ins. in the ground, for ¼ sec. cor., marked ¼ S. 18 on W. and 17 on E. faces:
	from which
	A pinion, 24 ins. diam., bears N. 37° E. 23 lks. dist., marked ¼ S. 17, B. T.
	A cedar, 12 ins. diam., bears S. 15° W., 15 lks. dist., marked ¼ S. 18, B. T.
43.00	Leave timber.
45.00	Enter heavy timber, bears N. E. and S. W.
[illegible]	Set a pinion post, 3 ft. long, 4 ins. sq. with marked stone, 24 ins. in the ground, for cor. of secs.

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	7, 8, 17 and 18 marked T. 33 S., S. 8. on N. E. R. 25 E., S. 17. on S. E. S. 18. on S. W. and S. 7, on N. W. faces: with 4 notches on the S. and 5 notches on the E. edges: from which. A cedar, 4 ins. diam., bears N. 36° E., 48 lks. dist., marked T. 33 S., R. 25 E., S. 8, B. T. A cedar, 14 ins. diam., bears S. 69° E., 38 lks. dist., marked T. 33 S., R. 25 E., S. 17, B. T. A cedar, 20 ins. diam., bears S. 14° W., 12 lks. dist., marked T. 33 S., R. 25 E., S. 18, B. T. A cedar, 12 ins. diam., bears N. 18° W., 37 lks. dist., marked T. 33 S., R. 25 E., S. 7, B. T. Land, rolling. Soil, Sandy, 2nd and 3rd Rate. Timber, Cedar and pinion. Heavily timbered, 48.00 chs.
	East, on a random line, bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect N. and S. line, 3 lks. N. of the cor. of secs. 8, 9, 16 and 17. Thence S. nn N. 89° 59' W. on a true line, bet. secs. 8 and 17. Over rolling land.
39.99	Set a cedar post, 3 ft. long, 3 ins. sq., with marked stone, 24 ins. in the ground, for ¼ sec. cor., marked ¼ S. 8. on N. and 17, on S. faces: dig pits,

Subdivision of T. 33 S. R. 25 E. Contin

Chains	
	18×18×12 ins. E. and W. of post. 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
40.75	Road, from Carlisle's ranch to Dolores, bears N.W. and S.E.
74.00	Enter heavy timber, bears N. & S.
79.98	The cor. of secs. 7, 8, 17 and 18.
6/18	Land, rolling.
	Soil, sandy, 2nd Rate.
	Timber Cedar and pinion.
	Heavily timbered. 6.00 chs.

	S. 89° 55' W. on a random line, bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
78.55	Intersect W. bdy. of Tp. at the Cor. of secs. 7, 12, 13 and 18, which is a cedar post, 4 ins. sq. 18 ins. above the ground, marked as returned under Contract No. 238, of James M. Lentz dd. S.
	Thence I run N. 89° 55' E. on a true line, bet. secs. 7 and 18.
	Over rolling land,
38.55	Set a pinion post, 3 ft. long, 3 ins. sq., with marked stone, 24 ins. in the ground, for ¼ sec. cor. marked ¼ S. 7. on N. and 18. on S. faces: dig pits 18×18×12 ins. E. & W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
59.00	Enter dense cedars and scattering timber.

Subdivision of T. 33 S. R. 25 E. Continued

Chains	
42.00	Leave timber
75.00	Enter heavy timber, bears N. and S.
78.55	The cor. of secs. 7, 8, 17 and 18.
39.55 / 39.55	Land, rolling.
	Soil, sandy, 3rd Rate.
	Timber, cedar and pinion.
	Heavily timbered or dense undergrowth 39.55 chs.
	January 21: At this cor. I set off 19°57' S. on the dec. arc: and at 0h. 11m. p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 37°57' N.
	N. 0°3' W. bet. secs. 7 and 8. Over rolling land, ascend through heavy cedar and pinion timber.
1.50	Leave timber, bears E. and W.
8.50	Enter scattering timber and dense artimisia, bears N. and S.
21.00	Leave timber.
25.00	Road from Carlisle's ranch in Malaies, bears N. W. and S. E.
40.00	Set a pinion post, 3 ft. long, 3 ins. sq. with a marked stone, 24 ins. in the ground, for ¼ sec. cor., marked ¼ S. 7. on W. and 8 on E. faces: dig pits 18 x 18 x 12 ins. N. and S. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high. W. of cor.
43.00	Top of low ridge, bears E. and W. Descend.
80.00	Set a cedar post, 3 ft. long, 4 ins. sq. 24 ins. in the ground,

Subdivision of T. 33 S., R. 25 E. Contin

Chains	
	for cor. of secs. 5, 6, 7 and 8 marked T. 33 S., S. 5, on N. E. R. 25 E., S. 8, on S. E. S. 7, on S. W. and S. 6. on N. W. faces: with 5 notches on the S. and E. edges: dig pits 18×18×12 ins. in each sec. 5½ ft. dist., and raise a raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Land, rolling. Soil, sandy 2nd and 3rd Rate. Timber, Cedar and pinion. Dense undergrowth or heavily timbered. 80.00 Chs.
	S. 89° 59' E. on a random line, bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, at the Cor. of secs. 4, 5, 8 and 9. Thence I run N. 89° 59' W. on a true line, bet. secs. 5 and 8. Over rolling land.
40.00	Set a cedar post, 3 ft. long, 3 ins. sq. with marked stone, 24 in. in the ground, for ¼ sec. cor. marked ¼ S. 5 on N. and 8, on S. faces; dig pits 18×18×12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
60.00	Enter dense artimesa.
80.00	The cor. of secs. 5, 6, 7 and 8. Land, rolling.
20/60	Soil, sandy, 2nd and 3rd Rate. No timber, Dense undergrowth, 20.00 Chs.

Subdivision of T. 33 S., R. 25 E. Continued

Chains	
	S. 89°55 W. on a random line.
	bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
78.46	Intersect W. bdy. of Tp. 12 lks.
	S. of the cor. of secs. 1, 6, 7 and 12.
	which is a sandstone 8×14×3
	ins. above the ground,
	marked as returned under
	Contract No. 238. of James M.
	Lentz U. S.
	Thence I run
	East, on a true line,
	bet. secs. 6 and 7.
	Over rolling land, ascend
	through dense artimesa.
38.46	Set a sandstone, 12×12×4 ins.
	8 ins in the ground, for ¼ sec.
	Cor., marked ¼ S. on W. face:
	dig pits 18×18×12 ins. E. and W. of
	Stone, 3 ft. dist. and raise a
	mound of earth, 3½ ft base, 1½
	ft. high, W. of cor.
71.50	Top of [illegible] edge, bears N. and S.
	Descend.
78.46	The cor. of secs. 5, 6, 7 and 8.
	Land, rolling.
	Soil, clay, 2nd and 3rd Rate.
	No timber
	Dense undergrowth, 78.46 chs.
	N. 0°3' W. bet. secs. 5 and 6, on a random line.
40.00	Set temp. ¼ sec. cor.
80.15	Intersect N. bdy. of Tp., at the
	Cor. of secs. 5, 6, 31 and 32.
	heretofore described.
	Thence I run
	S. 0°3' E. on a true line,
	bet. secs. 5 and 6.
	Over rolling land, through

Subdivision of T. 33 S., R. 25 E. Concluded.

Chains	
	dense artimesa.
40.15	Set a cedar post, 3 ft. long, 3 ins. sq. 24 ins. in the ground, for ¼ sec cor. marked ¼ S. 6. on W. and 5 on E. faces: dig pits 18×18×12 ins. N. and S. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base; 1½ ft. high, W. of cor.
80.15	The cor. of secs. 5, 6, 7 and 8.
	Land, rolling.
	Soil, Clay. 2nd Rate.
	No timber.
	Dense undergrowth, 80.15 chs.
	January 21, 1902.

General Description

This township lies on an undulating, eastern slope, and the soil is sandy, clay or loam, nearly all of which, would produce crops without irrigation. A dense growth of cedar and pinion timber is found in the middle and southern portions of this township, while the rest of the township is either covered with dense undergrowth or grasses, making it an excellent range.

There is no water in this township.

There is no mineral found in this Tp.

There are no settlers in this Tp.

W. B. and B. J. King use this township for a range, but their improvements are erroneously located, being in T. 34 S. R. 24 E.

Hephi Bailey, is erroneously located, his improvements are in T. 33 S., R. 24 E.

Hubert D. Page,
U.S. Deputy Surveyor

K A-282

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

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

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

.....

showing the respective capacities in which they acted:

In final affidavits see Book Q T.26 S. R.23 E.

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

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

.....

.....

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

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

In final affidavits see Book Q T.26 S. R.23 E.

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

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

day of ....., 189

SEAL

6—151

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

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

....
United States Deputy Su[rveyor].

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

SEAL

....

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Salt Lake City Utah Jan 25 1902

The foregoing field notes of the survey of the subdivisional lines of Town... ... South Range 25 East of the Salt Lake Base and Meridian of Utah ....

executed by Delbert D. Page .... under his contract No. 247, dated ... 1901 , 189 , having [been] critically examined, and the necessary corrections and explanations made, the said field notes, a[nd the] surveys they describe, are hereby approved.

Edward ... [signature]
United States Surveyor G[eneral].

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

....
United States Surveyor G[eneral].

4—679.

E

BOOK A-282

FIELD NOTES

OF THE the SURVEY OF THE

H.J.B.

South Boundary of Township No. 31 South Range No. 23 East

Of the Salt Lake base and Meridian,

In the state of Utah.

AS SURVEYED BY

Hubert D. Page, United States Deputy Surveyor,

Under his Contract No. 247, dated November 11th, 1901

Survey commenced January 22nd 1902

Survey completed " 23rd 1902

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Resurvey — S. Bdry. high M. chs. lks. 79-95

23 334

BOOK A-283

NAMES AND DUTIES OF ASSISTANTS.

Peter Meyer — Chairman

Jay Morrison — "

Joseph Rasmussen — Mountman

Vern Lyman — Axeman

John Baker — Flagman

For preliminary affidavits see Book A Tp. 34 S. R. 24 E.

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Volume
#
R0283

BOOK A-282

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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 le
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the
we will report the true distances to all notable objects, and the true lengths of all lines that we
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the su

.....

....., *Cha*

....., *Chai*

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 establi
of corners, according to the instructions given us, to the best of our skill and ability, in the su

.....

....., *Mou*

....., *Mou*

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

.....

SEAL

.....

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

.....

.....,

.....;

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

.....

SEAL

.....

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

....., *F*

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

.....

SEAL

.....

South bdy. of T. 31 S. R. 23 East.

Survey Commenced.
January 22nd 1902.
Executed with a No. 4 N.E. Gurley light mountain transit No. — with solar attachment.

The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined and tested on the true meridian at Salt Lake City, found correct and was approved by the Surveyor General for Utah.

Sept. 28th 1901.

I examine the adjustments of the transit, and find them correct; then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a true meridian, determined by observation on Polaris, I proceed as follows:

At the established Cor. of Tps. 31 & 32 S. Rs. 23 & 24 E. on the Colorado Guide meridian
Latitude 38°04'17" N.

South bdy. of Tp 31 S., R. 73 E. continue

Longitude 109°22'35" W.
which is a sand stone 12×12×4 ins. above ground firmly set and marked as described by the Surveyor General.
At 4 p. m., L. m. t, I set off 38°04' N. on lat. arc: 19°39' E on decl. arc; and determine a true meridian with the solar and mark a point in the line thereof on a stone set firmly in the ground 5 chs. N. of the cor.

Jan. 22nd 1902.

and

At 11h 12m. p. m., l. m. t, I observe Polaris at Western Elongation in accordance with manual of instructions, and mark a point in the line thus determined, on a plug driven in the ground 5 chs. N. of my station Jan 22nd.

Jan. 23rd At 7h 45m a. m. l. m. t, I lay off the Azimuth of Polaris. 1°33' to the E., and mark the true meridian thus determined by cutting a small groove in the stone already set.
On which the true meridian falls 0.3 ins. W. of the mark determined by the solar.
At 8. a. m., l. m. t., I set off 38°04' N. on lat. arc: 19°29' S on decl. arc: and mark a point in the true meridian determined with the solar,

South bdy. of T. 31 S., R. 23 E. continued.

by a cross on the stone already set. 5 chs. N. of my station; this mark falls 0.3 ins W. of the true meridian established by the Polaris observation.

The solar apparatus by p. m. and a. m. observations, defines positions of true meridians equal distance E. and W. of the meridian established by Polaris observation; therefore, I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 8. a. m. is N. 15°14' W.; the angle thus determined, reduced by the table page 100. gives the mean Mag. decl. 15°12' E.

From the cor. already described,

Run

West on a blank line and at 39.81 chs. after diligent search no trace of the old 1/4 sec. cor. can be found, therefore I continue the retracement and at 79.95 chs. I find a mound of stone which I conclude is the point where the old cor. of secs 1, 2, 35 and 36 was set.

Set a sandstone 24 x 12 x 9 ins.

South bdy. of T. 31 S. R. 23 E. continued.

Chains	
	18 ins. in the ground, for re-established cor. of secs. 1, 2, 35 and 36. on S. bdy. of Tp.
	Marked with 1 notch on E. and 5 notches on W. edges.
	From which a pinion 12 ins. in diam. bears N. 23° E. 72 lks. dist. marked T. 31 S. R 23 E. S. 36 B.T.
	A Pinion 6 ins. in diam. bears S. 49° E. 41 lks. dist. marked T. 32 S. R. 23 E. S. 1. B.T.
	A pinion 10 ins. in diam. bears S 9° 30' W. 57 lks. dist. marked T. 32 S. R. 23 E. S. 2 B.T.
	A pinion 5 ins. in diam. bears N. 36° W. 49 lks. dist. marked T. 31 S. R. 23 E. S. 35 B.T.
	The 1/4 sec cor being obliterated
	Resurvey
	From the Cor. of Ts 31 and 32 S., Rs. 23 and 24 E.
	Previously described,
	Run West on a true line bet. secs. 1, and 36.
	Ascending out broken land, through scattering cedar and pinion
7.00	Gravel ridge, bears N. and S. descend.
15.00	Begin steep descent. bears N. & S.
16.60	Foot of steep descent. bears N. & S. Enter dense Atimesa.
16.80	Wagon road, road to Monticello, bears N. and S.
17.40	Wash 5 ft. wide 4 ft. deep. Course N.
26.75	Old wagon road, bears N. and S.

South bdy. of T. 31 S., R. 23 E., concluded.

Chains.	
30.75	Dry wash 20 ft. wide, 15 ft. deep. course N. ascend.
39.97½	After dilligent search no trace of the old 1/4 sec. cor. can be found. Set a sand stone 18 x 10 x 5 ins. 12 ins. in the ground for reëstablished 1/4 sec. cor. marked 1/4 S. on N. face, raised a mound of stone 2 ft. base, 1½ ft. high N. of cor. Pits impracticable.
40.80	Begin abrupt ascent over sand stone ledges. bear N. and S.
42.00	Enter heavy cedar and pinion bear N. and S.
49.00	Top of bluff 250 ft. high Ridge bears N. and S. descend.
55.00	Ravine, 150 ft. deep. course N. ascend.
67.50	Spur, projects N. descend.
68.75	Ravine, 75 ft. deep. course N. ascend.
79.95	The cor. of secs. 1, 2, 35 and 36. Set by me.

Land, broken
Soil, clay, sandy and stony 2nd and 4th rate.
Timber, cedar and pinion
Mountainous land,
Dense under growth and heavily timbered

79.95 chs.

For general description see subdivision of T. 31 S. R. 23 E.

Hubert D. Page
U.S. Deputy Surveyor.

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PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

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

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

.....

showing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

In final affidavits see book N Gp. 29 S R 22 E

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

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

.....

.....

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

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

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

In final affidavits see book N Gp. 29 S R 22 E

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

day of ....., 189

SEAL

6-161

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342-343
BOOK

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

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

.....

.....

.....

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

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

United States Deputy Su

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

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Salt Lake City, Utah, Nov 25 1902, 19

The foregoing field notes of the survey of the South & Boundary of Township No 3 South Range No 23 East of the Salt Lake Base and Meridian Utah

executed by Herbert L Page under his contract No 247, dated November 11 1901, 189, having critically examined, and the necessary corrections and explanations made, the said field notes, a surveys they describe, are hereby approved.

Edward Anderson
United States Surveyor Gen

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

United States Surveyor Gen

6--151

4—679.

F.

BOOK A-283

FIELD NOTES

OF THE SURVEY OF THE

South & West Boundaries

of

Township 31 South Range 23 East

Of the Salt Lake base and Meridian,

In the State of Utah.

AS SURVEYED BY

Hubert D Page, United States Deputy Surveyor,

Under his Contract No. 247, dated November 11th, 1890

Survey commenced January 23, 1902, 189

Survey completed January 26, 1902, 189

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S- Bdy- high 3-00-00

" " low - - - - - - 1-77-74

W- " high - 6-01-60

Closure - 8-62

NAMES AND DUTIES OF ASSISTANTS.

Peter Meyer Chainman
Jay Morrison "
Joseph Rasmussen Moundmo
Vern Lyman Alman
John Baker Flagman

6—151

Volume
#
R0283

BOOK A-282

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, Peter Meyer and Jay Morrison

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we ass measuring, to the best of our skill and ability, and in accordance with instructions given us, in the su.. N. and S. bdy. of T. 29 S. and the S. and N. bdy. of T. 26 and 31 S. R. 23 E. of the Salt Lake Base and Mer. in the State of Utah.

Peter Meyer, Chain

Jay Morrison, Chain

Subscribed and sworn to before me this 26th day of December, 1901

Hubert D. Page
U.S. Deputy Surv

SEAL

WE, I. Joseph Rasmussen and

do solemnly swear that we will well and truly perform the duties of moundman in the establ... of corners, according to the instructions given me, to the best of my skill and ability, in the surv N. and S. bdy. of T. 29 S. the S. and N. bdy. of T. 26 and 31 S. R. 23 E. of the Salt Lake Base and Meridian, in the state of Utah.

Joseph Rasmussen, Mound

, Mound

Subscribed and sworn to before me this 26th day of December, 1901

Hubert D. Page
U.S. Deputy Surve

SEAL

WE, I. Vern Lyman and

do solemnly swear that we will well and truly perform the duties of axman in the establishment of c and other duties, according to instructions given me, to the best of my skill and ability, in the su.. N. and S. bdy. of T. 29 S. the S. and N. bdy. of T. 26 and 31 S. R. 23 E. of the Salt Lake Base and Meridian, in the state of Utah.

Vern Lyman, Ax

, Ax

Subscribed and sworn to before me this 26th day of December, 1901

Hubert D. Page
U.S. Deputy Surve

SEAL

I, John Baker, do solemnly swear that I will well and perform the duties of flagman according to instructions given me, to the best of my skill and ability, survey of N. and S. bdy. of T. 29 S. the S. and N. bdy. of T. 26 and 31 S. R. 23 E. of the Salt Lake B.. Meridian, in the state of Utah.

John Baker, Flag

Subscribed and sworn to before me this 26th day of December, 1901.

Hubert D. Page
U.S. Deputy Sur

SEAL

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South bdy. of T. 31 S. R. 23 East.

Chains.	
	Survey Commenced. January 23rd 1902. and elevated with the instrument described in book A. of this survey. I know the instrument to be in adjustment from recent test made January 22nd and 23rd at the cor. of T. 31 and 32 S. R. 23 and 24 E. and recorded in Book E.
	At 10 a.m. l. m.t., I set off 38°04' N. on lat. arc; 19°30' S. on decl. arc; and determine a true meridian with the solar, at the cor. of secs. 1, 2, 35 and 36 on S. bdy. of Tp. Previously described. Thence I run West On S. bdy. of Tp. bet. secs. 2 and 35.
	Ascend, through heavy cedar and pinion timber, over broken sand and sand stone ledges.
19.00	Top of sand stone ledges 20 ft high, bear N.E. and S.W. descend abruptly.
21.00	Foot, of steep descent. Leave timber bears N.E. and S.W. Enter dense chaparral.
24.50	Wash 5 ft deep. 8 ft wide course N. ascend.
36.00	Rocky spur, projects N. descend.
40.00	Set a sand stone 24 x 12 x 4 ins.

South bdy. of T. 31 S., R. 23 E., continued.

chains	
	18 ins. in the ground and mound of stone, for 1/4 sec. Cor. marked 1/4 S. on N. face, raised a mound of stone 2 ft. base, 1 1/2 ft. high N. of Cor.
	Pits impracticable.
43.75	Dry wash 5 ft. wide 4 ft. deep. Course N.
77.50	Dry wash 5 ft. wide 4 ft. deep. Course N.
80.00	Set a sand stone 22 x 14 x 7 ins. 17 ins. in the ground and mound of stone, for Cor. of secs. 2, 3, 34 and 35. Marked with 2 notches on E. and 4 notches on W. edges. raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of Cor.
	Pits impracticable.
	Land, broken
	Soil, stony and sandy, 2nd and 4th rate
	Timber, cedar and pinion
	Mountainous land and heavily timbered and dense undergrowth 80.00 chs.
	At this Cor. I set off 19°30' S on decl. arc: and at 12h 12m l. m. t, observe the sun on the meridian, the resulting lat. is 38°04' N.

West
On S. bdy. of Tp.
bet. secs 3 and 34.
Ascending over broken land,

South bdy. of T. 31 S., R. 23 E., continued.

Chains.	
	through dense artimesa
3.50	Rocky knoll 30 ft. high, bears N. and S. descend.
28.00	Dry Ravine 50 ft deep, course N. ascend.
33.00	Enter heavy cedar and pinion timber, bears N. and S. E.
39.00	Rocky spur, projects N. descend.
40.00	Set a sand stone 20 x 16 x 6 ins. 15 ins. in the ground and mound of stones for 1/4 sec. cor. marked 1/4 S. on N. face, from which a pinion 7 ins. in diam. bears N. 15° W. 11 lks. dist. marked 1/4 S. 34 B.T. a pinion 8 ins in diam. bears S. 6° E. 33 lks. dist. marked 1/4 S. 3 B.T.
43.00	Dry ravine 25 ft deep. course N.
56.50	Lean timber, top of ridge bears N. & S. descend.
63.00	Wash 10 ft. wide, 5 ft. deep. course N.E. ascend
67.00	Begin abrupt ascent over ledges. Enter scattering cedar and pinion, bears N.E. and S.W.
80.00	400 ft above 1/4 sec. cor. On rocky spur, set a sand stone 18 x 8 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 pinion 6 ins. in diam. bears N. 27° E. 66 lks. dist. marked T. 31 S.

South bdy. of T. 31 S., R. 73 E., Continued.

Chains.

R. 73 E. S. 34 B.T.
A pinion 6 ins. in diam, bears N. 40° W. 57 lbs. disk. marked T. 31 S., R. 73 E., S. 33. B.T.
No other bearing trees within limits.
Raised a mound of stone 2 ft. base, 1½ ft. high W. of cor.
Pits impracticable.
Land, broken
Soil, stony, 3rd and 4th rate.
Timber, Cedar and pinion.
Mountainous land, dense undergrowth and heavy timber.
80.00 chs.

West
On S. bdy. of T.
bet. secs. 4 and 33.
Ascend along N. side of spur.
3.00 Spur, projects N. descend.
16.00 Dry run, course N. ascend.
22.00 Begin abrupt ascent over sandstone ledges, bear N.E. and S.W.
35.90 Top of ledges, 500 ft. above sec. cor. Enter timber heavy, bears N. and S.
40.00 Set a sandstone 30 x 8 x 4 ins. 22 ins. in mound of stone and gravel, for 1/4 sec. cor. Marked 1/4 S. on N. face, From which a cedar 10 ins. in diam. bears N. 51° E. 23 lbs. disk. Marked 1/4 S. 33. B.T.
A pinion 6 ins. in diam. bears S. 76° 30' E. 113 lbs. disk. Marked 1/4 S. 4 B.T.

South bdy. of T. 31 S., R. 23 E. continued.

Chains.	
62.00	Ridge, bears N. and S.
65.40	Begin abrupt descent, over broken ledges. bear N. and S.
67.00	Foot of ledges, leave timber bears N. and S. Enter dense artimesia
80.00	Set a sand stone 24 x 10 x 8 ins. 18 ins. in the ground, for cor. of secs. 4, 5, 32 and 33. marked with 4 notches on the E. and 2 notches on the N. edges; dig pits, 18 x 18 x 12 ins. in each section 5½ ft. dist, and raise a mound of earth 4 ft. base, 2 ft. high N. of Cor.
	Land, broken.
	Soil, stone. 3rd and 4th rate.
	Timber, Cedar and pinion
	Mountainous land,
	80.00 chs.

West
On S. bdy. of T.
bet. secs. 5 and 32.
Descending, over rolling land
7.00 Enter Ravine, 40 ft deep. from N. E. drains N.
Along ravine.
10.00 Leave Ravine, course S. N. ascend.
28.00 Enter scattering cedar and pinion bear N. & S.
40.00 Set a sand stone 14 x 12 x 7 ins. 10 ins. in the ground, for ¼ sec. cor. marked ¼ S. on N. face,
From which a cedar 8 ins. in

South bdy. of T. 31 S., R. 23 E., Continued

Chains	
	diam. bears N. 48° E. 86 lks dist. marked 1/4 S. 32 B.T.
	a pinion 10 ins. in diam. bears S. 12° E. 37 lks. dist. marked 1/4 S. 5 B.T.
40.75	Sand ridge bears N.E. and S.W. descend.
80.00	Set a sand stone 18 x 12 x 5 ins. 12 ins. in the ground, for cor. of secs. 5, 6, 31 and 32. Marked with 5 notches on E. and 1 notch on W. edges, raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable. Land, rolling Soil, sandy 3rd rate. Timber, Cedar and pinion.
	80.00 chs.
	Jan. 23rd 1902.
	Jan. 24th 1902. At 8 a.m. l.m.t. I set off 38°04' N. on lat. arc; 19°15' S. on decl. arc; and determine a true meridian with the solar, at the cor. of secs. 5, 6, 31 and 32. on S. bdy. of Tp. West on S. bdy. of Tp. bet. secs. 6 and 31. Gradually descending, over rolling land.
450	Hearts draw 100 ft. deep. Course N.E. ascend.
1390	Road to Indian Creek from Moab and Monticello, bears N.E. and S.W.

South bdy. of T. 31 S., R. 23 E., Concluded.

Chains.	
18.00	Top of sandstone bluff 75 ft. high. Ridge bears N. and S. descend.
39.50	Ravine 50 ft. deep. course N.E. ascend.
40.00	Set a sandstone 20 x 8 x 5 ins. 15 ins. in the ground for 1/4 sec. Cor. marked 1/4 S. on N. face raised a mound of stone 2 ft. base, 1½ ft. high N. of Cor. Pits impracticable
40.10	Top of spur - projects S.E. descend.
57.00	Ravine 100 ft. deep. course S.E. ascend. Entd. heavy timber bears N.E. and S.W.
74.00	Leave timber, bears N.E. and S.W.
77.74	Allowing for convergency of Meridian set a sandstone 18 x 6 x 4 ins. 12 ins. in the ground, for Cor. of T. 31 and 32 S., Rs. 22 and 23 E., marked with 6 notches on N.E. and W. edges. From which a pinion 12 ins. in diam. bears S. 35° 30' E., 1.46 chs dist. marked T. 32 S., R. 23 E. S.1 B.T. A cedar 14 ins. in diam. bears S. 43° W., 100 lks. dist. marked T. 32 S., R. 22 E. S.1, B.T. No other trees within limits. Dig pits, 24 x 24 x 18 ins. in each line N.E. and W. 4 ft. dist. and S. and W. 8 ft. dist., raise a mound of earth 5 ft. base, 2½ ft. high S. of Cor. Land, broken. Soil, stony and sandy, 2nd and 4th rate. Timber, cedar and pinion. 77.74 chs.

West bdy. of Tp. 31 S., R. 73 East

Chains

January 24th 1902.
At g.a.m., l.m.t.
I set off 38°04' N. on lat. arc; 19°16' S. on decl. arc: and determine a true meridian with the solar at the Cor. of Tps. 31 and 32 S., Rs. 72 and 73 E.,
Thence I run
North
on West bdy. of Tp.
bet. secs. 31 and 36.
Gradually descending, through dense artimesa
11.00 Enter heavy Cedar and pinion timber, over sand stone ledges, bear N.E. and S.W.
30.00 Ravine 100 ft. deep. course N.E. ascend.
40.00 Set a sand stone 36×8×3 ins. 27 ins. in the ground and mound of stone, for 1/4 sec. cor. marked 1/4 S. on W. face, From which a pinion 10 ins. in diam. bears N.73° E. 9 lks. dist. marked 1/4 S. 31 B.T.
A pinion 7 ins. in diam bears S.55° W., 35 lks. dist. marked 1/4 S. 36 B.T.
46.00 Ridge bears N.E. and S.W.: descend.
65.50 Ravine 50 ft. deep. course N.E. ascend.
80.00 Set a sand stone 32×10×3 ins. 24 ins. in the ground and mound of stone, for cor. of secs. 25, 30, 31 and 36.
Marked W.C. 5 notches on N. and 1 notch on S. edges.

West bdy. of T. 31 S., R. 23 E., continued.

Chains.	
	From which a cedar 12 ins. in diam. bears N. 3° E. 1.75 chs. dist. marked T. 31 S. R. 23 E. S. 30 B.T.
	A pinion 12 ins. in diam. bears S. 61° E. 40 lks. dist. marked T. 31 S. R. 23 E. S. 31 B.T.
	A cedar 12 ins. in diam. bears S. 87° W. 63 lks. dist. marked T. 31 S. R. 22 E. S. 36 B.T.
	A cedar 10 ins. in diam. bears N. 48° W. 74 lks. dist. marked T. 31 S., R. 22 E. S. 25 B.T.
	Land, rolling and broken
	Soil, stony and sandy. 3rd and 4th rate.
	Timber, Cedar and pinion.
	Dense undergrowth and heavily timbered
	80.00 chs.
	North,
	On W. bdy. of T.
	Bet. secs. 25 and 30.
	Ascend over broken land, through scattering cedar and pinion,
7.00	Ridge. bears N. E. and S. W. descend.
12.00	Begin abrupt descent over broken sandstone ledges bear N. E. and S. W.
20.00	Perpendicular ledges 50 ft. high, bear N. E. and S. W.
23.00	Ravine 200 ft. deep, course N. E. Begin abrupt ascent.
26.00	Leave ledges. bear N. E. and S. W.
40.00	Set a sandstone 24 x 12 x 4 ins. 18 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on W. face,
	From which a pinion 4 ins.

West bdy. of T. 31 S., R. 23 E. continued.

Chains.	
	diam. bears N. 5° 30' E. 95 lks. dist. marked 1/4 S. 30 B.T.
	a pinion 8 ins. in diam. bears S. 64° W. 33 lks. dist. marked 1/4 S. 25 B.T.
47.00	Spur, projects N.E. descend over broken ledges.
47.00	Ravine, 100 ft. deep, course N.E. ascend.
50.00	Spur projects N.E. begin abrupt descent.
59.50	Gulch diam. 350 ft. deep, course N.W. ascend.
63.50	Sandstone ledges, 100 ft. high bear N.W. and S.E.
67.25	Leave ledges, bear N.W. and S.E.
78.50	Ridge, bears E. and W. descend.
80.00	Set a sand stone 40 x 6 x 6 ins. 30 ins. in the ground and mound of stone, for Cor. of secs. 19, 24, 25 and 30. Marked with 4 notches on N. and 2 notches on S. edges.
	From which a cedar 10 ins. in diam., bears N. 75° E. 32 lks. dist. Marked T. 31 S. R. 23 E. S. 19 B.T.
	No other trees within limits.
	raised a mound of stone 2 ft. base, 1½ ft. high. W. of Cor.
	Pits impracticable
	Land, broken
	Soil, Stony 3rd and 4th rate
	Timber, cedar and pinion
	Mountainous land. 80.00 chs.
	January 24th 1902.
	At this cor. I set off 19° 15' S on decl. arc; and at 12h 12m p.m. m.t. observe the sun on

West bdy. of T. 31 S., R. 23 E., continued.

Chains	
	the meridian, the resulting lat. is 38°06' N.
	North on West bdy. of Tp. bet. secs. 19 and 24. Descend, over broken land, through scattering cedar and pinion.
16.00	Ravine 200 ft. deep course S. W. ascend
40.00	Set a sand stone 24 x 10 x 4 ins. 18 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on W. face, Upon which a pinion 6 ins. in diam. bears S 28° E. 30 lks. dist. marked 1/4 S. 19 B.T. A pinion 4 ins. in diam. bears N. 20° W. 28 lks. dist. marked 1/4 S. 24 B.T.
67.50	Ridge, bears E. and W. descend enter dense timber.
71.00	Leave timber bears E. and W.
80.00	Set a sand stone 26 x 8 x 6 ins. 19 ins. in the ground for cor. of secs. 13, 18, 19 and 24 marked with 3 notches on the N. and S. edges, dig pits; 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land broken Soil, sandy, and stony 3rd and 4th rate. Timber, cedar and pinion. Mountainous land and dense undergrowth 80.00 chs.

West bdy. of T. 31 S., R. 23 E. continued

Chains.	
	North
	on W. bdy. of T.
	bet. secs. 13 and 18.
	Descend, through dense arti-
	mesa.
5.00	Enter scattering Cedar and
	pinion. bears E. and W.
5.60	begin abrupt descent over
	Sand stone ledges. bear N.E.
	and S.W.
9.00	Ravine, 150 ft. deep, course
	N.E. ascend.
12.50	Rocky spur, projects N.E.
	descend.
14.00	Leave timber, bears E. and W.
34.50	Dry wash 10 ft wide 25 ft.
	deep. Course N.W. ascend
	over sand stone ledges
	through scattering cedar and
	pinion.
40.00	set a sand stone 30 x 22 x 4 ins
	23 ins. in the ground, for 1/4 sec.
	cor. Marked 1/4 S. on W. face,
	From which a cedar 10 ins. in
	diam. bears S. 44° E. 2 lks dist.
	Marked 1/4 S. 18 B.T.
	No other bearing trees within
	limits
	raise a mound of stone 2 ft. base,
	1 1/2 ft. high W. of cor.
	Pits impracticable.
66.40	Rocky spur, projects W.
	300 ft. above 1/4 sec. cor. descend.
70.00	Ravine 150 ft. deep. Course W.
	ascend abruptly.
78.00	Top of steep ascent. bears E. and
	W.
80.00	set a sand stone 30 x 15 x 4 ins
	24 ins. in the ground, for

West. bdy. of T. 31 S., R. 23 E. continued.

Chains	
	Cor. of secs. 7, 12, 13 and 18. Marked with 4 notches on S. and 2 notches on N. edges. From which a cedar 30 ins. in diam. bears S. 84° E. 20 lks. dist. marked T. 31 S. R. 23 E. S. 18. B.T. A pinion 7 ins. in diam. bears N. 35° W. 19 lks. dist. marked T. 31 S. R. 22 E. S. 13 B.T. No other bearing trees within limits. Raised a mound of stone 2 ft. base, 1½ ft. high W. of Cor. Pits impracticable. Sand, broken. Soil, stony. 4th rate. Timber, cedar and pinion. Mountainous land and dense undergrowth. 80.00 chs.
	North. On West. bdy. of Tp. bet. secs. 7 and 12. Ascending over sand stone ledges through scattering cedar and pinion.
7.00	Ridge, bears E. and W. descend
33.00	Ravine 100 ft. deep. from S. E. thence along Ravine, through heavy cedar and pinion
40.00	Set a sand stone 20 x 10 x 4 ins. 15 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on W. face. From which a pinion 6 ins. in diam. bears N. 65° E. 15 lks. dist., marked 1/4 S. 7 B.T.

West bdy. of T. 31 S., R. 23 E. continued

Chains.	
	a cedar 12 ins. in diam. bears N. 75° W. 51 lks. dist. marked 1/4 S. 12 B.T.
49.00	Leave Ravine, and timber course N. W.
52.75	perpendicular Sand stone ledges, 100 ft. high bear S.E. and N.W. descend
64.25	Dry wash, 10 ft. wide 5 ft. deep. course W. ascend.
78.75	Dry wash, 10 ft wide 8 ft. deep. course N. W.
80.00	set a sand stone 28 x 12 x 6 ins. 21 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, dig pits: 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of Cor.
	Land, broken
	Soil, stony 3rd rate.
	Timber, cedar and pinion
	Mountainous land, heavily timbered and dense under-growth 80.00 chs.
	North
	on West bdy. of Tp.
	bet. secs. 1 and 6
	Descend
71.00	Junction of two washes 50 lks. E. from N.E. and S.E. 25 ft wide 7 ft deep drains N. W. ascend.
78.00	Over sand stone ledges bear N. W. and S.E.
40.00	set a sand stone 24 x 12 x 4 ins. 18 ins. in the ground, for

West bdy. of T. 31 S., R. 23 E., continued.

Chains.	
	1/4 sec. cor. marked 1/4 S. on W. face,
	From which a pinion 7 ins. in diam, bears N. 50° E. 14 lks. dist. marked 1/4 S. 6 B.T.
	A pinion 6 ins. in diam. bears S. 65° W. 132 lks. dist marked 1/4 S. 1 B.T.
46.00	Ridge, bears N.E. and S.W., descend,
57.00	Dry run N.E. Leave timber ascend,
	January 24th 1902.
	January 26th 1902.
81.60	Intersect 26th Standard Parallel S. 8.62 chs. E. of the standard cor. of T. 30 S. Rs. 22 and 23 E. heretofore described.
	Set a sand stone 15 x 10 x 5 ins. 10 ins. in the ground for closing cor. to Tps. 31 S., Rs. 22 and 23 E. Marked C.C. on S. 22 E. on W. and 23 E. on E. faces, with 6 grooves on S.E. and W. faces, and raised a mound of stone 2 ft. base, 1½ ft. high S. of cor.
	Pits impracticable.
	Land, broken.
	Soil, stony and sandy, 3rd and 4th rate,
	Timber, cedar and pinion.
	Mountainous land,
	81.60 chs.
	Jan. 26th 1902.

For General discription see subdivision.

Hubert D. Page
U.S. Deputy Surveyor

Boundaries of T. 31 S., R. 23 E.

Latitudes, departures, and closing errors.

Line designated	True bearing	Dist.	Latitudes N.	Latitudes S.	Departures E.	Departures W.
6th Standard Parallel S.	West	391.38				391.38
West bdy	S.	481.60		481.60		
S. "	E.	397.74			397.74	
line between sec. 35 & 36	N. 0°27' W.	79.90	79.90			.63
" " " 25 and 26	"	79.90	79.90			.63
" " " 23 and 24	"	79.90	79.90			.63
" " " 13 and 14	N. 0°58' W.	80.61	80.60			1.35
" " " 11 and 12	"	80.61	80.60			1.35
" " " 1 and 2	"	80.61	80.60			1.35
Convergency						.48
Totals			481.50	481.60	397.74	397.80
				481.50		397.74
Error in lat. and Dep.				.10		.06

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

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

showing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

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

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

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

SEAL

6—151

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

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

....
United States Deputy Su

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

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Nov 25, 1902, 1

The foregoing field notes of the survey of the South & West Boundaries of Township 3 South Range 23 East of the Salt Lake Base & Meridian Utah

executed by Hubert J. Page
under his contract No. 247, dated November 11, 1901, 189 , having
critically examined, and the necessary corrections and explanations made, the said field notes, an
surveys they describe, are hereby approved.

Edward H. Anderson
United States Surveyor

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

.....
United States Surveyor Ge

6-171

4—679.

G

BOOK A-283

FIELD NOTES

OF THE Re SURVEY OF THE

Sixth

Standard Parallel South

through

Range No. 23 East

Of the Salt Lake base and Meridian,

In the State of Utah

AS SURVEYED BY

Hubert D. Page, United States Deputy Surveyor,

Under his Contract No. 247, dated November 11th, 1901

Re Survey commenced January 25 1902, ~~189~~

Re Survey completed January 26 1902, ~~189~~

6—151

high 1-77-00 ✓

low 4-02-90 ✓

BOOK A-283

NAMES AND DUTIES OF ASSISTANTS.

Jay Morrison Chainmen
Peter Meyer "
Edward Cannell "
Hale Cherry "
Joseph Rasmussen Mound man
Vern Lyman aiman
John Baker flagman

6—151

BOOK A-283

INDEX DIAGRAM.

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

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Meanders Page.....

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PRELIMINARY OATHS OF ASSISTANTS.

We, Jay Morrison, Peter Meyer, Edward Cannell and Hale Cherry, do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of 6th Standard Parallel S. through R. 23 E. of the Salt Lake Base and Meridian, in the state of Utah.

Jay Morrison, Peter Meyer, Chainman

Edward Cannell, Hale Cherry, Chainman

Subscribed and sworn to before me this 26th day of December, 1890 1

Hubert D. Page,
U.S. Deputy Surveyor

SEAL

We, Joseph Rasmussen 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 6th Standard Parallel S. through R. 23 E. of the Salt Lake base and Meridian, in the state of Utah.

Joseph Rasmussen, Moundman

, Moundman

Subscribed and sworn to before me this 26th day of December, 1890 1

Hubert D. Page,
U.S. Deputy Surveyor

SEAL

We, Vern Leyman 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 6th Standard Parallel S. through R. 23 E. of the Salt Lake base and Meridian, in the state of Utah.

Vern Leyman, Axman

, Axman

Subscribed and sworn to before me this 26th day of December, 1890 1

Hubert D. Page,
U.S. Deputy Surveyor

SEAL

I, John Baker, 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 6th Standard Parallel S. through R. 23 E. of the Salt Lake base and Meridian, in the state of Utah

John N. Baker, Flagman

Subscribed and sworn to before me this 26th day of December, 1890 1

Hubert D. Page,
U.S. Deputy Surveyor

SEAL

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Sixth Standard Parallel South through R. 23 E.

Survey Commenced,
January 25th 1907.
and circuited with the instrument described in book F. of this survey.
The Standard cor. of secs. 35 and 36.
having been found in a badly dilapidated condition and feeling some uncertainty as to the identity of the same I retrace the Sixth Standard parallel South as follows;

January 25th 1907.
At 11 p.m. l.m.t.
I observe Polaris at Western Elongation in accordance with manual of instructions, and mark a point in the line thus determined, on a plug driven in the ground 5 chs. N. of the Standard Cor. of secs 35 and 36.
On the 6th Standard parallel South through R. 23 E.

January 26th
At 1.00 a.m. l.m.t.
I lay off the Azimuth of Polaris 133° to the E., and mark the true meridian thus determined, by cutting a mark on a stone firmly set in the ground, E. of the point established last night; the magnetic bearing of said true meridian is N. 15°14' W. which reduced by the table on page 100 of the manual, gives the mean mag. dec. 15° E.

Sixth Standard Parallel South through R. 23 E. Continued

At this cor. I turn off from the true meridian and angle of 90° toward the E. and run East on the tangent S. of sec. 36. On a blank line.
40.00 chs. after dilligent search no trace of old standard 1/4 sec. cor. can be found.
and at 79.90 chs. I find the cor. of Ts. 31 and 32 S, Rs. 23 and 24 E.
N. 2 lks.
which is a sand stone 30 x 9 x 6 ins. in a mound of stone marked as described by the Surveyor General.
I mark cross on ledge S. 45° W. 5 lks. dist.
and raised a mound of stone 3 ft. base, 2 ft high N. of cor.
Pits impracticable.
Thence I run
West on a true line along S. bdy. secs. 36 and the Sixth Standard parallel South through R. 23 E.
Descend over broken land, through dense Artimesa.

6.00 Ravine 20 ft. deep
Course N.

35.00 Sand stone spur.
projects N.E.

38.00 Dry wash 5 x 10 ft. in bottom of wide Ravine 50 ft deep Course N.E.
No difference by two set of chainmen.

39.95 After dilligent search no trace of the old standard 1/4 sec. cor. can be found.
Set a sand stone 16 x 8 x 4 ins 11 ins. in the ground for

Chains	
	reestablished Standard 1/4 Sec. Cor. Marked S.C. 1/4 S. on N. face, raised a mound of stone 2 ft. base, 1 1/2 ft. high. W. of Cor. Pits impracticable.
60.00	Sandstone ledge 15 ft. high bear N.E. and S.W. Leave witness.
	No difference between 2 set of chainmen in measurement of
79.90	The Standard Cor. of secs. 35 and 36. Cor. being in bad condition I reset
60/19.90	Sandstone 18 x 8 x 6 ins. 12 ins. in the ground for reestablished Standard cor. to secs. 35 and 36. Marked S.C. on N. with 1 groove on E. and 5 grooves on the W. face. dig pits. 24 x 18 x 12 ins. crosswise on each line. E. and W. 3 ft. and N of stone 1 ft. disk. and raised a mound. of earth 4 ft. base, 2 ft. high N. of Cor.
	Land, rolling. Soil, sandy and stony 2nd and 4th rate. No timber. Dense undergrowth
	60.00 chs.

Retracement
of
Sixth Standard Parallel South through R. 23 E.

From the Standard Cor. of secs. 35 and 36. on the 6th Standard Parallel South. R. 23 E. already described I run west on a blank

Sixth Standard Parallel South through R. 23 E. Continued

Chains.

line along S. bdy. of sec. 35.
40.00 chs. after diligent search
no trace of the old Standard 1/4
sec. cor. can be found. and
at 50.00 chs. after diligent search
no trace of the old Standard
sec. cor. can be found,
therefore I continue the re-
tracement,
120.00 chs. after diligent search
no trace of the old Standard 1/4
sec. cor. can be found.
and at 160 chs. I find the
old Standard cor. to secs. 33
and 34. which is a sand stone
24 x 15 x 2 ins. in a mound of
stone, marked and witnessed
as described by the Surveyor
General,
S. 60 40' E. 1.07 chs. dist.
I continue the retracement,
and find many of the corners
have been obliterated and
the alignment and measure-
ment being beyond the
allowable limits,
and the Tp. N. or S. having
not been subdivided,
I resume the
Sixth Standard Parallel
South, through R. 23 E.
as follows:

Sixth Standard Parallel South through R. 23 E.

Chains	
	January 26th 1902. From the Standard Cor. of secs. 35 and 36. Already described Turn off from the true Meridian established Jan. 25th and recorded in this book
	an angle of 90° toward the West and run. West On the tangent S. of sec. 35. Ascending over rolling land.
38.75	Wagon road, Moab to Monticello bears N and S.
	No Difference between measurements of 40.00 chs. by two set of chainmen.
40.00	After diligent search no trace of the old Standard 1/4 sec. Cor. can be found. N. 0.13 ft. from the tangent. Set a cedar post 3 ft. by 3 ins. sq. with marked stone 24 ins. in the ground for re-established Standard 1/4 sec. cor. marked S.C. 1/4 S. on N. face, dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high N. of Cor.
72.00	Wash 20 ft. deep 75 ft. wide course S.E.
	No Difference between measurements of 80.00 chs. by two sets of chain men
80.00	N. 0.52 ft. from the tangent. After diligent search no trace of the

Sixth Standard Parallel South through R. 23 E. Continued

Chains	old Standard Cor. can be found. Set a sandstone 16×12×3 ins. 11 ins. in the ground, for reëstabished Standard Cor. to secs. 34 and 35. Marked S.C. on N. with 2 grooves on E. and 4 grooves on W. faces. dig pits 24×18×12 ins. Crosswise on each line E. and W. 3 ft., and N. of stone 7 ft. dist.; and raised a mound of earth, 4 ft. base, 3 ft. high N. of Cor. Land, rolling Soil, sandy 2nd rate, No timber.
	S. 89°59' W. on the tangent S. of sec. 34. Ascend, over rolling land, No difference between measurements of 40.00 chs.; by two sets of chain men
40.00	N. 1.17 ft. from the Tangent. Set a sand stone 16×12×3 ins. 11 ins. in the ground, for re-established standard 1/4 sec. cor. Marked S.C. 1/4 S. on N. face. raised a mound of stone 2 ft. base, 1 1/2 ft. high. N. of Cor. Pits impracticable. After dilligent search no trace of the old Standard 1/4 sec. cor. can be found.
50.00	Foot of sand stone ledges, bear N. E. and S. W. begin steep ascent, enter heavy timber.
54.00	Top of bluff 250 ft high, bears N. E. and S. W. No Difference between two sets of chain men.
80.00	N. 2.08 ft. from the Tangent.
30-50	

...th Standard Parallel South through R. 23 E. Continued.

Chains	
	Set a sandstone 24 x 13 x 3 ins. 18 ins. in the ground, for re-established standard cor. of secs. 33 and 34. marked S.C. on N with 39 grooves on E. and W. faces. From which a cedar 6 ins. in diam. bears N. 52°30' E. 87 lks dist. marked S.C. T. 30 S. R. 23 E. S 34 B.T. A pinion 10 ins. in diam bears N. 5°30' W. 28 lks. dist. marked S.C. T. 30 S. R 23 E. S. 33 B.T.
	The old standard cor. previously described, bears S. 60°40' E. 102 lks. dist. I destroy all trace of same.
	Land, rolling and broken. Soil sandy and stony, 2nd and 4th rate, Timber, Cedar and pinion. Mountainous and heavily timbered 30.00 chs.
	S 89°58' W. on the tangent S. of sec. 33. Over broken land, through heavy cedar and pinion.
9.50	top of sand stone bluff bears N. E. and S. W. begin abrupt descent.
14.50	Foot of steep descent, leave timber bears N. E. and S. W. enter dense artimisia. Difference between measurements of 40.00 chs. by two sets of chain men, is 10 lks.; position of middle point

Sixth Standard Parallel South through R 23 E. Continued

Chains

By 1st set 39.95 chs.
By 2nd set 40.05 chs.; the mean of which is.
40.00 N 326 ft. from the tangent set a cedar post 3 ft. long, 3 ins. sq. with marked stone 24 ins. in the ground for reestablished standard 1/4 sec. cor. marked S.C. 1/4 S. 33 on N. face, dig pits: 18 x 18 x 12 ins. E. and W. of post 3 ft dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.
After dilligent search no trace of the old 1/4 sec. cor. can be found.
67.00 Leave dense arimisia bears N.E. and S.W. over rolling sandy land.
Difference between measurements of 80.00 chs. by two sets of chain men is 8 lks.
position of middle point
By 1st set 80.04 chs.
By 2nd set 79.96 chs. the mean of which is
80.00 N. 469 ft. from the tangent
67/13. set a cedar post 3 ft. long 4 ins. square with marked stone 24 ins. in the ground for reestablished standard cor. to secs 32 and 33 marked S.C. T. 30 S., R. 23 E. on N. S. 33 on E. and 32 on W. faces with 2 grooves on W. and 4 grooves on E. faces dig pits 24 x 18 x 12 ins. E. and W. 3 ft. and N. of post 7 ft. dist.; and raise a mound of earth, 4 ft. base

ith Standard Parallel South, through R. 2 E. Continued.

Chains.	
	2 ft. high N. of cor. After diligent search no trace of the old standard cor. can be found. Land, broken and rolling. Soil stony and sandy 2nd and 4th rate. Timber, cedar and pinion. Heavily timbered and dense undergrowth 67.00 chs. Jan. 26th At this cor. I set off 18°46'S on decl. arc; and at 12h 13m p.m. l. m. t., observe the sun on the meridian, the resulting lat. is 38°09' N.
	S. 89°57' W. on the tangent S. of sec. 37. Gradually ascend over rolling land.
35.00	Ridge, bears N. and S. descend. No difference between measurements of 40.00 chs. by two sets of chain mer.
40.00	N. 638 ft. from the tangent set a cedar post 3 ft. long 4 ins. sq. with marked stone, 24 ins. in the ground, for re-established Standard 1/4 sec. cor. marked 1/4 S. 37. on N. face. dig pits; 18 x 18 x 12 ins. E. and W. of post 3 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high N. of cor. After diligent search no trace of the old standard 1/4 sec. cor. can be found.

Sixth Standard Parallel South through R. 23 E. continued

Chains	
56.35	Wagon road, Indian Creek to Moab. bears N.E. and S.W. begin ascending. No difference between measurement of 80.00 chs. by two sets of Chainmen.
80.00	N. 8.33 ft. from the tangent set a cedar post 3 ft. long 4 in. sq. and marked stone 24 ins. in the ground for reëstablished standard cor. of secs. 31 and 32. marked S.C. T. 30 S. R. 23 E. on N. 31 on W. and 32 on E. faces, with 1 groove on W. and 5 grooves on E. faces, dig pits: 24 x 18 x 12 ins. E. and W. 3 ft. and N. of post 7 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high N. of Cor. After dilligent search no trace of the old standard sec. cor. can be found. Sand rolling. Soil, sandy. 2nd rate. No timber
	S. 89°57' W. on the tangent. S. of sec. 31. Gradually ascending over rolling land.
16.00	Ridge bears N.W. and S.E. descend. No difference between measurement of 40.00 chs. by two sets of Chain men.
40.00	N. 10.55 ft. from the tangent. Set a sand stone 24 x 10 x 3 ins 18 ins. in the ground, for re-established standard 1/4 sec. cor

Sixth Standard Parallel South through R. 23 E. Continued.

Chains	
	marked S.C. 1/4 S. on N. face, dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist., raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high N. of Cor. From this Cor. the old Standard 1/4 Sec. Cor. which is sandstone 16 x 12 x 3 ins. laying loose on the ground, marked as described by the Surveyor General, bears N. 15° E. 738 lks. dist. I destroy all trace of same.
59.50	Dry run, 2 ft. deep course S. ascend
60.50	spur, projects S. descend.
62.00	Dry run, 1 1/2 ft. deep, course S. ascend,
	No difference between measurements of 80.00 chs. by two sets of chain men.
80.00	N. 130 2 ft. from the tangent, set a sand stone 24 x 10 x 3 ins. 18 ins. in the ground for re-established stand ard Cor. to T. 30 S., R. 22 and 23 E., marked S.C. 30 S. on N. 22 E. on W. and 23 E. on E. faces. with 6 grooves on N. E. and W. faces. dig pits 30 x 24 x 12 ins. crosswise on each line E. and W. 4 ft. and N. of stone 8 ft. dist.; and raise a mound of earth, 5 ft. base, 2 1/2 ft. high N. of Cor. The old standard cor. which is a sand stone 16 x 7 x 6 ins. laying loosely on the

Sixth Standard Parallel South through R. 23 E. Conclude.

chains	ground, marked as described by the surveyor General, bears N. 12° E. 50 lks. dist. I destroy all trace of same. Sand, rolling Soil, sandy 2nd rate. No timber. January 26th 1907.
	For general description see subdivisions of T. 31 S., R. 23 E.

Hubert D. Page
U.S. Deputy Surveyor.

Volume
#
R0283

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of 6th Standard Parallel S. through R. 23 E. of the Salt Lake base and meridian, State of Utah showing the respective capacities in which they acted:

Jay Morrison, Peter Meyer, Chainman.
Edward Cannell, Hale Cherry, Chainman.
Joseph Rasmussen, Moundman.
, Moundman.
Vern Lyman, Axman.
, Axman.
John Baker, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page, United States Deputy Surveyor, in surveying all those parts or portions of the Sixth Standard Parallel South, through R. 23 E., of the Salt Lake base and meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Jay Morrison, Peter Meyer, Chainman.
Edward Cannell, Hale Cherry, Chainman.
Joseph Rasmussen, Moundman.
, Moundman.
Vern Lyman, Axman.
, Axman.
John Baker, Flagman.

Subscribed and sworn to before me this 8th day of March, 1899 02

Hubert D. Page
U.S. Deputy Surveyor.

SEAL

6—151

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Hubert D. Page United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Edward H. Anderson United States Surveyor General for Utah, bearing date of the 11th day of November, 1901, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Sixth Standard Parallel South, through R. 23 E.

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

Hubert D. Page
United States Deputy Surveyor

Subscribed by said Hubert D. Page, and sworn to before me this 11th day of March 1902

Edward H. Anderson
U. S. Surveyor General for Utah

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, March 25, 1902, 189

The foregoing field notes of the survey of the Sixth Standard Parallel South through Range 23 East of the Salt Lake Base & Meridian, Utah

executed by Hubert D. Page under his contract No. 247, dated November 11, 1901, 189, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Anderson
United States Surveyor General

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

United States Surveyor General

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4—679.

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BOOK A-282

FIELD NOTES

OF THE SURVEY OF THE

Subdivision

of

Township No. 31 South

Range No. 23 East

Of the Salt Lake Base and Meridian,

In the State of Utah

AS SURVEYED BY

Hubert D. Page, United States Deputy Surveyor,

Under his Contract No. 247, dated November 11th, 1890

Survey commenced January 25th 1902, 189

Survey completed January 25th 1902, 189

6—151

high 1-15.80

low 4.65, 73

6-0153

NAMES AND DUTIES OF ASSISTANTS.

Peter Meyer Chainman
Jay Morrison "
Joseph Rasmussen Mountman
Vern Lyman Aiman
John Baker Flagman

6—151

BOOK A-287

INDEX DIAGRAM.

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Meanders Page .....

PRELIMINARY OATHS OF ASSISTANTS.

WE, Peter Meyer and Jay Morrison do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the subdivision of T. 31 S. R. 23 E. of the Salt Lake base and meridian, in the State of Utah.

Peter Meyer, Chainman
Jay Morrison, Chainman

Subscribed and sworn to before me this 26th day of December, 1901.

Hubert D. Page
U.S. Deputy Surveyor

SEAL

WE, I Joseph Rasmussen and do solemnly swear that I will well and truly perform the duties of moundman in the establishment of corners, according to the instructions given me, to the best of my skill and ability, in the survey of the subdivision of T. 31 S. R. 23 E. of the Salt Lake base and meridian, in the State of Utah.

Joseph Rasmussen, Moundman
, Moundman

Subscribed and sworn to before me this 26th day of December, 1901.

Hubert D. Page
U.S. Deputy Surveyor

SEAL

WE, I Vern Lyman and do solemnly swear that I will well and truly perform the duties of axman in the establishment of corners and other duties, according to instructions given me, to the best of my skill and ability, in the survey of subdivision of T. 31 S. R. 23 E. of the Salt Lake base and meridian, in the State of Utah.

Vern Lyman, Axman
, Axman

Subscribed and sworn to before me this 26th day of December, 1901.

Hubert D. Page
U.S. Deputy Surveyor

SEAL

I, John Baker, 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 subdivision of T. 31 S. R. 23 E. of the Salt Lake base and meridian, in State of Utah

John Baker, Flagman

Subscribed and sworn to before me this 26th day of December, 1901.

Hubert D. Page
U.S. Deputy Surveyor

SEAL

6—151

Subdivision of T. 31 S., R. 23 E.

Survey Commenced
January 25th 1907.
and executed with the instrument described in book A. of this survey.
I know the instrument to be in adjustment from recent test made,
January 22nd and 23rd
At the cor. of Ts. 31 and 32 S., Rs. 23 and 24 E.
and recorded in book E. of this survey.
At 8 a.m., l. mt. I set off 38°04' N. on lat. arc; 19°00' on decl. arc; and determine a true meridian with the solar, at the cor. of secs. 1, 2, 35 and 36.
On S. bdy. of Tp.
Previously described.
Preliminary to beginning the subdivisions of this township,
I run
North on a blank line bet. secs. 35 and 36.
40.00 chs. after diligent search no trace of the old 1/4 sec. cor. can be found.
therefore I continue my retracement.
80.00 chs. No trace of the old sec. cor. can be found.
120.00 chs. No trace of the old 1/4 sec. cor. can be found.
160.00 chs. No cor.
200.00 chs. No 1/4 sec. cor.
and at 239.70 chs. I find the

Subdivision of T. 31 S, R. 23 E. continued

old cor. of secs. 13, 14, 23 and 24.
which is a sand stone 12x8x
5 ins. above ground firmly
set and marked as described
by the Surveyor General.
West. 1.90 chs. dist.
The course of this line is
therefore. N. 0° 27' W.
and the dist. 239.70 chs.
Thence
I continue my retrace-
ment.
and find no cors.
and at 241.80 chs. I find a
mound of stone the marked
stone having partly disinte
grated. West 4.05 chs. dist.
The course of this line is
therefore N. 0° 58' W. and dist. 241.83 chs.
To re establishment of the Cor. of the Resurvey of the 6th St. Parallel S.
The East part of this Tp.
having been subdivided
and most of the cors. along this
line having been obliterated,
I resurvey the lines
as follows:

Resurvey of the
Subdivision of T. 31 S, R. 23 E.

From the cor. of secs. 1, 2, 35 and 36
on S. bdy. of Tp.
Previously described,
I run
N. 0° 27' W. on resurvey line
bet. secs 35 and 36.

Subdivision of T. 31 S., R. 23 E. Continued.

Chains	
	Descend through heavy cedar and pinion timber.
6.90	Begin abrupt descent over broken sand stone ledges, bear E. and W.
11.00	Leave timber, bears E. and W.
	Foot of ledges, bear E. and W.
	Enter Sage.
35.00	Draw, drains N.E. ascend
39.95	Set a sand stone 16 x 10 x 4 ins. 11 ins. in the ground, for reestablished 1/4 sec. cor. marked 1/4 S. on W. face, dig pits; 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.
	After dilligent search no trace of the old 1/4 sec. cor. can be found.
43.25	Road, Indian creek to Monticello, bears E. and W.
45.00	Spur, projects E. descend
73.00	Enter flat, bears N.E. and S.W.
79.90	Set a sand stone 24 x 12 x 4 ins. 18 ins. in the ground, for re-established cor. to secs. 25, 26, 35 and 36. marked with 1 notch on
11/68.90	S. and E. edges, dig pits: 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist, and raised a mound of earth, 4 ft. base, 2 ft. high W. of cor.
	After dilligent search no trace of the old sec. cor. can be found,
	Land, broken and rolling
	Soil, stony and sandy 2nd and 3rd 4th rates.
	Timber, Cedar and pinion
	Heavy timber and mountainous land

Subdivision of T. 31 S., R. 23 E. continued.

Chains.	
	11.00 chs.
	N 0°27' W.
	On previous line
	bet. secs. 25 and 26.
	Over level land,
1.50	Dry wash, 8 ft. wide, 4 ft. deep.
	course N. E.
24.00	Leave flat, bears N. E. and S. W.
	Ascend
39.95	After dilligent search no trace
	of the old 1/4 sec. cor. can be found.
	Set a sand stone 18 x 10 x 4 ins.
	12 ins. in the ground, for
	reestablished 1/4 sec. cor. marked
	1/4 S on W. face, dig pits 18 x
	18 x 12 ins. N. and S. of stone 3 ft.
	dist. and raise a mound of
	earth 3 1/2 ft. base, 1 1/2 ft. high,
	W. of cor.
75.00	Foot of sand stone bluff 300 ft. high
	bears N. E. and S. W.
79.90	Falls on solid sand stone
	ledge, mark cross on ledge
1.90 / 15.	for reestablished cor. to secs.
	23, 24, 25 and 26, marked with
	1 notch on E. and 2 notches
	on S. sides, raised a mound
	of stone 2 ft. base, 1 1/2 ft.
	high W. of lot.
	Pits impracticable.
	After dilligent search no
	trace of the old sec. cor.
	can be found,
	Land, rolling
	Soil, sandy 2nd rate.
	No timber
	Mountainous land. 4.90 chs

Subdivision of T. 31 S., R. 23 E., Continued.

Chains	
	N. 0°27' W.
	On resurvey line
	bet. secs. 23 and 24.
	Ascend
2.75	Top of sand stone ledge
	300 ft. high. Spur, projects N.E.
	Ridge S.W. descend.
3.25	Foot of bluff, bears
	N.E. and S.W.
	Over rolling land.
23.25	Wagon road; Monticello to
	Moab, bears N.W. and S.E.
	Enter dense sage.
39.95	Set a sand stone 18×10×4 ins.
	12 ins. in the ground for
	reestablished 1/4 sec. cor.
	Marked 1/4 S. on W. face,
	dig pits; 18×18×12 ins. N.
	and S. of stone 3 ft. disk. raise
	a mound of stone 3½ ft. base
	1½ high. W. of cor.
	After dilligent search
	no trace of the old 1/4 sec.
	cor. can be found.
44.00	Leave dense sage bears
	N.E. and S.W.
70.00	Open, course N.E.
	Ascend
74.00	Sugar Loaf rock 150×150×100
	ft. bears W. 7 chs. dist.
79.90	The cor. of secs. 13, 14, 23
	and 24. Previously described.
	I dig pits: 18×18×12 ins.
	in each sec. 5½ ft. disk.;
	and raise a mound of
	earth 4 ft. base, 2 ft. high
	W. of Cor.
	Land, rolling.
	Soil, sandy 2nd rate.

Subdivision of T. 31 S., R. 23 E., Continued.

Chains.	
	No timber Mountainous land and dense undergrowth 79.90 chs. January 25th 1902. At this cor. I set off 19°02' S on decl. and and at 12h 12 p.m. L. m. t., observe the sun on the meridian the resulting lat. is 38°07' N.
	N. 0°58' W. On resurvey line bet. secs. 13 and 14. Over rolling land.
40.30	Set a pinion post 3 ft long 3 ins. sq. with marked stone 24 ins. in the ground, for reestablished 1/4 sec. cor. marked 1/4 S. 14 on W. S. 13 on E. and dig pits 18 x 18 x 12 ins. N. and S. 3 ft dist.; raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor. After dilligent search no trace of the old 1/4 sec. cor. can be found.
47.00	Draw, course N.E.
80.61	Set a pinion post 3 ft long 4 ins. sq. and marked stone 24 ins. in the ground for reestablished cor. to secs. 11, 12, 13 and 14, marked T. 31 S. S. 12 on N.E. R. 23 E. S. 13 on S.E., S. 14 on S.W. and S. 11 on N.W. faces; with 4 notches on S. and 1 notch on E. edges. Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft dist.; raise a mound of earth 4 ft. base, 2 ft. high W. of cor. After dilligent search no trace

Subdivision of T. 31 S., R. 73 E., continued.

Chains.	
	of the old sec. cor. can be found. Land, rolling. Soil, sandy. 2nd rate. No timber.
	N. 0°58' W. on reservoir line bet. secs. 11 and 12. Ascend over rolling land,
16.50	Top of sand stone bluff 300 ft. high. Spur W. Ridge bears E. descend.
40.30	Set a pinion post 3 ft. long 4 ins. sq., with marked stone 24 ins. in the ground, for reestablished 1/4 sec. cor. marked 1/4 S. 11 on W. 12 on E. faces. dig pits. 18 x 18 x 12 ins. N. and S. of post 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor. After dilligent search no trace of the old 1/4 sec. cor. can be found.
80.61	Set a stone stone 14 x 8 x 6 ins. 10 ins. in the ground for reestablished 1/16 secs. 1, 2, 11 and 12. Marked with 5 notches on S. and 1 notch on E. edges. dig pits: 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. After dilligent search no trace of the old sec. cor. can be found.

Subdivision of T. 31 S., R. 23 E.

Chains

Land rolling
Soil sandy 2nd rate.
No timber

N. 0°58' W. on resurvey line
bet. secs. 1 and 2.
Descend over rolling land.
40.30 set a sand stone 6 x 10 x 4 ins.
11 ins. in the ground for
reestablished 1/4 sec. cor.
marked 1/4 S. on W. face,
dig pits 18 x 18 x 12 ins.
N. and S. of stone 3 ft. dig and raise
a mound of earth 3 1/2 ft. base
1 1/2 ft. high W. of cor.
after diligent search
No trace of the old 1/4
sec. cor. can be found.
55.00 Ravine. 200 ft. below sec.
cor.; course N. E. ascend.
80.61 The standard
cor. of secs. 35 and 36.
Previously described.
Land, rolling,
Soil, sandy, 2nd rate.
No timber.

January 25th 1907.

For general discription see
book of subdivision T. 31 S., R. 23 E.

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

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Hubert D. Page, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Subdivision of T. 31 S., R. 23 E., of the Salt Lake base and meridian, in the State of Utah, showing the respective capacities in which they acted:

Peter Meyer, *Chainman.*
Jay Morrison, *Chainman.*
Joseph Rasmussen, *Moundman.*
, *Moundman.*
Vern Lyman, *Axman.*
, *Axman.*
John Baker, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hubert D. Page, United States Deputy Surveyor, in surveying all those parts or portions of the Subdivision of Tp. 31 S., R. 23 E., of the Salt Lake base and meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Peter Meyer, *Chainman.*
Jay Morrison, *Chainman.*
Joseph Rasmusson, *Moundman.*
, *Moundman.*
Vern Lyman, *Axman.*
, *Axman.*
John Baker, *Flagman.*

Subscribed and sworn to before me this 8th day of March, 1902.

SEAL

Hubert D. Page
U.S. Deputy Surveyor.

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Hubert D. Page, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from Edward H. Anderson United States Surveyor General for Utah, bearing date of the 11th day of November, 1901, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Subdivision of N. 31 S. R. 23 E. of the Salt Lake base and meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Hubert D. Page
United States Deputy Surveyor

Subscribed by said Hubert D. Page, and sworn to before me this 11th day of March, 1902

Edward H. Anderson
U. S. Surveyor General for Utah

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Nov. 25, 1902, 189

The foregoing field notes of the survey of the subdivisional lines of Township 31 South Range 23 East of the Salt Lake Base & Meridian, Utah

executed by Hubert D. Page under his contract No. 247, dated November 11, 1901, 189 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Anderson
United States Surveyor General

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

United States Surveyor General

4—679.

I.

BOOK A-282

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

of

Township 31, South

Range 23 East

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Hubert D. Page, United States Deputy Surveyor,

Under his Contract No. 247 dated November 11 1911 189

Survey commenced January 27th 1902 189

Survey completed February 1 1902 189

4—131

high 21-69-88 ✓

low 26-72-72 ✓

average 25-27 ✓

4462.60

3 40

BOOK A-283

NAMES AND DUTIES OF ASSISTANTS.

Peter Meyers	Chainman
Jay Morrison	"
Joseph Rasmussen	Moundman
Vern Lyman	Axeman
John Baker	Flagman

In preliminary affidavits see book B. Tp. 34 S. R. 24 E.

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BOOK A-283

INDEX DIAGRAM.

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

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

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

..... , *Chainm*

..... , *Chain*

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

SEAL

.....

.....

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

..... , *Moundm*

..... , *Moundm*

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

SEAL

.....

.....

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

..... , *Axm*

..... , *Axm*

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

SEAL

.....

.....

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

..... , *Flagm*

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

SEAL

.....

.....

Subdivision of Tp. 31 S., R. 23 E.

Survey Commenced,
January 27th 1902.
and executed with the instrument described in book A. of this survey.
I know the instrument to be in adjustment from recent test made January 22nd and 23rd.
At the cor. of Tps. 31 and 32 S. Rs. 23 and 24 E.
and recorded in book E of this survey.

At 8 a.m., l.m.t., I set off 38°04' N. on lat. arc; 18°36' S. on decl. arc; and determine a true meridian with the solar, at the cor. of secs. 2, 3, 34 and 35
On S. bdy. of Tp.
Set by me and heretofore described.
Thence I run
North on Sectional
Guide Meridian
Bet. secs. 34 and 35
Descend over rolling land,
36.00 Wash 5 ft. wide, 3 ft. deep course N.E. ascend.
40.00 Set a sandstone 16×10×7 ins. 11 ins. in the ground, for 1/4 sec. cor., marked 1/4 S. on W. face dig pits: 18×18×12 ins. N. and S. of stone 3 ft. dist, and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of Cor.
42.45 Wagon road, Indian Cr. to Monticello bears N.E. and S.W.

Subdivision of T. 31 S., R. 23 E. Continued

Chains.	
43.65	Wash 8 ft. wide, 5 ft. deep. Course N.E.
80.00	Set a sandstone 30×17×3 ins. 23 ins. in the ground and mound of stone, for cor. of secs. 26, 27, 34 and 35. marked with 1 notch on S. and 5 notches on N. edges, raised a mound of stone 2 ft. base, 1½ ft. high W. of cor.
	Pits impracticable
	Land, rolling.
	Soil, sandy. 2nd rate.
	No timber.
	North on Sectional Guide Meridian bet. secs. 26 and 27.
	Ascend over rolling land, through sage.
32.00	Ridge, bears N.E. and S.W. descend.
40.00	Set a sandstone 16×16×4 ins. 11 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on W. face, dig pits: 18×18×12 ins. N. and S. of stone 2 ft. disk, raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.
60.00	Dry run. Course S.E. ascend
80.00	Set a cedar post 3 ft. long, 4 ins. square, with marked stone 24 ins. in the ground for cor. of secs. 22, 23, 26 and 27. Marked T. 31 S. S. 23 on N.E. R. 23 E. S. 26 on S.E. S. 27 on S.W. and S. 22 on N.W. faces, with

Subdivision of T. 31 S., R. 23 E. continued.

Chains	
	2 notches on S. and 4 notches on N. edges.
	dig pits: 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high N. of Cor.
	Land rolling.
	Soil, sandy 2nd rate.
	no timber
	North on sectional Guide Meridian bet. secs. 22 and 23.
	ascend.
29.00	Dry wash 15 ft deep 75 ft wide, course S.E.;
40.00	Set a pinion post 3 ft long, 3 ins. sq, with marked stone 24 ins. in the ground for 1/4 sec. cor., marked 1/4 S. 22 on N. 23 on E. faces, dig pits: 18x18x12 ins. N. and S. of post 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high N. of Cor.
62.00	Saddle in ridge N. & S. Ridge bears E. and W.
	descend
80.00	set a sand stone 24x16x14 ins. 18 ins. in the ground for cor. of secs. 14, 15, 22 and 23. marked with 3 notches on N. and S. edges, dig pits; 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft high N. of Cor.

Subdivision of T. 31 S., R. 73 E. continued

Chains.

Land, rolling.
Soil, sandy 2nd rate.
No timber.

North on Sectional
Guide Meridian.
Bet. secs. 14 and 15
Descend,
7.00 Dry ravine 25 ft. deep. course
E. ascend.
14.00 Foot of ascend stone ledges
near E. and W.
18.50 Top of ledges 100 ft high.
bears N.E. and S.W. descend.
37.00 Foot of ledges,
40.00 Set a pinion post 3 ft. long,
3 ins. square, with marked
stone 24 ins. in the ground
for 1/4 sec. cor. marked 1/4 S. 14
on W., 13 on E. faces, dig pits,
18 x 18 x 12 ins. N. and S. of post.
3 ft. dist. raise a mound
of earth 3 1/2 ft. base, 1 1/2 ft.
high W. of cor.
65.00 Spur projects W.
80.00 Set a pinion post 3 ft. long
4 ins. square, with marked
stone 24 ins. in the ground
for cor. of secs. 10, 11, 14 and 15.
marked T. 31 S., R. 11 on N.E.
R. 73 E. S. 14 on S.E., S. 15 on S.W.,
S. 10 on N.W. faces, with 4
notches on S. and 2 notches
on N. edges, dig pits; 18 x
18 x 12 ins. in each sec.
5 1/2 ft. dist. raise a mound
of earth 4 ft. base 2 ft.
high W. of Cor.

Subdivision of T.31 N., R.23 E., Continued.

Chains.	
	Land rolling. Soil sandy 2nd rate. No timber.
	North on Sectional Guide Meridian. Bet. secs. 10 and 11. Cont rolling sand,
40.00	Set a pinion post 3 ft. long 3 ins. sq. with marked stone 24 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 10 on N. 11 on E. faces dig pits, 18x18x12 ins. N. and S. of post 3 ft. dist and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.
80.00	Set a sand stone 18x10x6 ins 12 ins. in the ground, for cor. to secs. 2, 3, 10 and 11. marked with 5 notches on S. and 1 notch on N. edges. dig pits; 18x18x12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high N. of cor.
	Land rolling. Soil, sandy, 2nd rate. No timber.
	North on Sectional Guide Meridian Bet. secs. 2 and 3. Descend over rolling land,
11.00	Dry run 25 ft. deep. course

Subdivision of T.31 S., R. 23 E., continued.

Chains	
	N.E. ascend.
40.00	Set a sandstone 16x12x6 ins. 11 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on W. face, dig pits: 18x18x12 ins N. and S. of stone 3 ft. dist. raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high W. of cor.
78.00	Top of ridge, bears E. and W. descend.
81.50	Intersect 6th Standard Parallel South. 5.94 chs. E. of the standard cor. of secs. 34 and 35 set by me, and hereinafter described. Set a cedar post 3 ft. long 4 ins. sq. with 2 1/2 ins. in the ground for closing cor. to secs. 2 and 3, marked C.C. T.31 S. R 23 E. on S. S. 2 on E. S. 3. on W. with 2 grooves on E. and 4 on W. faces. dig pits 28x18x12 ins. crosswise on each line E. and W. 3 ft. and S. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high S. of cor. Land, rolling. Soil, stony 2nd rate, no timber.
	Jan. 24th 1902. At the cor. of secs. 26, 27, 34 and 35. Set off 18° 31' S. on decl. arc; and at 12h 12m. p. m. l. m. t. observe the sun on the

Subdivision of T. 31 S., R. 73 E., Continued.

Chains	
	Meridian, the resulting lat. is 38°05' N.
	East on a random line bet secs. 26 and 35.
40.00	set temp. 1/4 sec. cor.
79.41	Intersect line N. 0°27' W., 10 lks. off the cor. of secs. 25, 26, 35 and 36.
	Thence run N. 89°56' W. on a true line bet. secs 26 and 35
	Over flat
1.50	Dry wash 8 ft. wide 4 ft. deep. Course N.E.
28.00	Leave flat, bears N.E.
	Enter rolling land.
39.41	set a sand stone 20x12x4 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on N. face. dig pits: 18x18x12 ins. W. and E. of stone, 3 ft. dist. Raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high. N. of cor.
58.00	Sandy knoll 50 ft. high,
	Ridge bears N. & S. descend.
64.00	Dry run course S. ascend.
79.41	The cor. of secs. 26, 27, 34 and 35.
	Land, rolling
	Soil, sandy 2nd rate.
	No timber.
	From the cor. of secs. 23, 22, 26 and 27.
	Run S. 89°56' E. on a random line bet. secs. 23 and 26.
40.00	set temp. 1/4 sec. cor.
78.75	Intersect line N. 0°27' W., 11 lks. from the cor. of secs.

Subdivision of T. 31 S., R. 73 E., continued.

Chains.	
	23, 24, 25 and 26.
	Thence, Run
	N. 89°51' W. on a true line,
	bet. secs. 23 and 26.
	Ascend abruptly over sand-
	stone ledge.
1.50	Top of Sand stone ledge 200 ft
	above sec. cor. bears N.E. and
	S.W.
3.00	Foot of ledges
	bear N.E. and S.W.
38.75	set a cedar post, 3 ft. long 4 ins.
	sq. with marked stone 24 ins.
	in the ground, for 1/4 sec. cor.
	marked 1/4 S on N. face.
	dig pits: 18 x 18 x 12 ins. E. and W.
	of post. 3 ft disk. and raise
	a mound of earth 3 1/2 ft.
	base, 1 1/2 ft. high. N. of Cor.
78.75	The Cor. of secs.
	22, 23, 26 and 27.
	Land, rolling
	Soil, sandy. 2nd rate.
	No timber.
	From the Cor. of secs.
	14, 15, 22 and 23.
	Run S. 89°51' E. on a random
	line, bet. secs 14 and 23.
40.00	set limp. 1/4 sec. cor.
75.05	Intersect line N. 0°58' W. 19 lbs.
	from the Cor. of secs. 13, 14, 23
	and 24.
	Thence Run
	N. 89°43' W. on a true line
	bet. secs. 14 and 23.
	Ascend over rolling land.
	through sage.

Subdivision of T. 31 S., R. 23 E. Continued.

Chains.	
4.90	Wagon road, Monticello to Moab, bears N. and S.
15.00	Enter dense sage brush bears N. and S.
38.08	Set a sand stone 16 x 10 x 4 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on N. face, dig pits; 18 x 18 x 12 ins. E. and W. of stone 3 ft. disk, raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.
78.08	The cor. of secs. 14, 15, 22 and 23. Land, rolling, soil, sandy. 2nd rate. No timber.
	From the cor. of secs. 10, 11, 14 and 15. I know from retracement and resurvey, the line bet. secs. 11 and 14 will not close within the prescribed limits therefore, I run East on a true line bet. secs. 11 and 14.
	Ascend
15.00	Foot of bluff, bears N. & S.
	Steep ascent
27.00	Top of sand stone bluff 400 ft. high, bears N. and S.
	Descend.
35.00	Foot of bluff, bears N. and S. Descend over sandy rolling land.
40.00	Set a sand stone 12 x 8 x 6 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on

Subdivision of T. 31 S., R. 23 E., Continued.

Chains	
	N. face, dig pits 18×18×12 ins. E. and W. of stone 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high N. of Cor.
64.00	Wagon road. Monticello to Moab, bears N. and S.
66.80	Dry run Course S.
76.73	Intersect line S. 0°58' E. 51 lks. from the cor. of secs. 11, 12, 13 and 14. To obliterate all marks pertaining to secs. W. and raise a mound of earth 3½ ft base 2 ft high E of Cor. and at point of intersection set a sand stone 16×10×4 ins. 11 ins. in the ground, for Closing Cor. to secs. 11 and 14. marked C.C. on W. with 4 grooves on S. and 2 grooves on N. faces, dig pits: 24×18×12 ins. cross-wise on each line, N. and S. 3 ft. and W. of post, 7 ft. dist. and raised a mound of earth 4 ft. base, 2 ft. high W. of cor.
	Land rolling and Mountainous land. Soil, sandy 2nd rate. No timber. Mountainous land 20.00 chs.
	From the cor. of secs. 2, 3, 10 and 11. Run East on a true line. bet. secs. 2 and 11. Ascend over rolling land.

Subdivision of T. 31 S., R. 23 E., continued.

Chains.	
13.00	Flat ridge, bears N. and S. descend.
40.00	Set a sandstone 24 x 10 x 6 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on N. face, dig pits 18 x 18 x 12 ins. E. and W. of ~~stone~~ 3 ft. disk and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of Cor.
51.00	Wagon road, Monticello to Moab. bears N. and S.
75.35	Intersect line S. 0.58 E. 1.00 ch. from the cor. of secs. 1, 2, 11 and 12. Obliterate all marks pertaining to secs. W. and raise a mound of earth 11 ft. base, 2 ft. high E. of Cor. and at point of intersection set a sandstone 16 x 8 x 8 ins. 11 ins. in the ground for closing cor. to secs. 2 and 11, marked C. C. on W. with 5 grooves on S. and 1 groove on N. faces, dig pits. 24 x 18 x 12 ins. on each line crosswise N. and S. 3 ft. and W. of ~~stone~~ 7 ft. disk. and raised a mound of earth 4 ft. base, 2 ft. high W. of Cor.
	Sand, rolling
	Soil, sandy 2nd rate.
	No timber

January 27th 1907.

Subdivision of T. 31 S., R. 23 E. continued.

Chains	
	January 28th 1902. At 8 a.m., l.m.t. I set off 38°04' N. on lat. arc; 18°15' S. on decl. arc; and determine a true meridian with the solar, at the cor. of secs. 3, 4, 33 and 34. On S. bdy. of Tp. heretofore described. Thence I run
	N. 0°01' W.
	Det. secs. 33 and 34.
	Descend, over broken land, through Cedar and pinon timber.
1.10	Sandstone ledges, 30 ft. high near E. and W.
4.50	Foot of descent, bears N.E. and S.W.
12.00	Leave timber, begin ascent through sage, over rolling land.
40.00	Set a quartzite stone 12x12x6 ins. 8 ins. in the ground, for 1/4 sec. cor. marked 1/4 S on W. face, dig pits: 18x18x12 ins. N. and S. of stone 3 ft. dist, raise a mound of earth 3½ ft. base, 1½ ft. high W. of Cor.
77.70	Wagon road Indian Creek to Monticello bears N.W. and S.E.
80.00	Set a cedar post 3 ft. long 4 ins. square, with marked stone 24 ins in the ground, for Cor. of secs. 27, 28, 33 and 34. Marked T. 31 S. S. 27 on N.E., R. 23 E. S. 34 on S.E., S. 33 on S.W., S. 28 on N.W. faces with 1 notch on S. and 3 notches on E. edges. dig pits: 18x18x12 ins. in each sec. 5½ ft. dist. raise a mound of earth 4 ft. base

Subdivision of T. 31 S., R. 23 E., continued.

Chains	
	2 ft. high N. of cor.
	Land rolling and broken
	Soil, sandy and stony, 2nd and 4th rate.
	Timber, Cedar and pinon
	Mountainous land, 17 chs.
	East on a random line
	bet. secs 27 and 34
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. and S. line at the
	cor. of secs 26, 27, 34 and 35;
	Thence Run
	West on a true line.
	bet. secs. 27 and 34.
	ascend through dense
	Artemisia
16.00	Begin abrupt ascent over
	Sandstone ledges. bear N. & S.
18.50	Top of bluff 150 ft. above
	sec. cor. bears N. and S. descend.
21.00	Foot of descent.
	bears N. and S.
29.00	Dry ravine 60 ft. deep.
	Course S. Leave sandstone
	ledges, ascend.
40.00	Set a sand stone 20 x 8 x 6 ins.
	15 ins. in the ground for 1/4
	sec. cor. marked 1/4 S. on N.
	face, dig pits: 18 x 18 x 12 ins.
	E. and W. of stone 3 ft. dist. and
	raise a mound of earth
	3 1/2 ft. base, 2 1/2 ft. high.
	N. of cor.
50.25	Wash, 20 ft. wide, 8 ft. deep,
	course S.
62.00	Enter heavy cedar and pinon
	timber bears N. and S.
66.00	Sandstone ledge and spur
	projects S. descend

Subdivision of T. 31 S., R. 23 E. continued

Chains	
70.00	Leave timber bears N. and S.
80.00	The cor. of secs. 27, 28, 33 and 34
	Land broken.
	Soil, stony. 4th rate
	Timber, Cedar and pinion
	Mountainous land. heavily timbered and dense undergrowth 8000 chs.
	N. 0.01 W.
	bet. secs. 27 and 28.
	ascend,
6.00	Ridge, bears E. and W. descend.
40.00	set a sand stone 20×10×6 ins. 15 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dig pits; 18×18×12 ins. N. and S. of stone 3 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high. W. of cor.
79.00	Wash 5 ft. wide, 10 ft. deep.
	Course S.E. ascend.
80.00	Set a cedar post 3 ft. long 5 ins. sq. with marked stone 24 ins. in the ground for cor. of secs. 21, 22, 27 and 28. marked T. 31 S. S. 22 on N.E., R. 23 E. S. 27 on S.E., S. 28 on S.W., S. 21 on N.W. faces, with 3 notches on E. and 2 notches on S. edges.
	dig pits; 24×18×12 ins. in each sec. 5 1/2 ft. dist. raise a mound of earth 4 ft. base 2 ft. high W. of cor.
	Land, rolling.
	soil, sandy 2nd rate.
	No timber.
	East on a random line

Subdivision of T. 21 S., R. 23 E. continued.

Chains.	
	bet. secs. 22 and 27.
40.00	set temp. 1/4 sec. cor.
80.00	Intersect N. and S. line at
	the cor. of secs. 22, 23, 26 and 27.
	Thence I run
	West on a true line
	bet. secs. 22 and 27.
	Ascend, over rolling land,
73.00	Dry wash 40 ft. wide 10 ft.
	deep. course S.E.
40.00	Set a cedar post 3 ft. long 4 ins.
	sq. with marked stone, 24 ins.
	in the ground for 1/4 sec. cor.
	marked 1/4 S. 22 on N. S. 27 on S.
	faces. dig pits 18 x 18 x 12 ins.
	E. and W. of post 3 ft. dist.
	and raise a mound of earth
	3 1/2 ft. base, 1 1/2 ft. high N.
	of cor.
80.00	The cor. of secs. 21, 22, 27 and 28.
	Land, rolling.
	Soil, sandy, 2nd rate.
	No timber
	N. 0°, W.
	bet. secs. 21 and 22.
	Ascend,
22.50	Begin abrupt ascent over sand-
	stone ledges. bear E. and W.
	enter scattering Cedar and pinon
	timber
76.45	Top of Ridge, 300 ft. above sec.
	cor. bears E. and W. descend
	into heavy timber.
40.00	Set a sand stone 16 x 10 x 4 ins.
	11 ins. in the ground for 1/4
	sec. cor. marked 1/4 S. on W.
	face, from which a pinion
	3 ins. in diam. bears E. 10 lks.

Subdivision of T. 31 S. R. 23 E. Continue

Chains	
	dist. marked 1/4 S. 22 B.T.
	a pin on 5 ins. in diam, bears S 85° W. 23 lks. dist. marked 1/4 S 21 B.T.
56.00	Foot of steep descent, Leave ledges and timber bears N.E. and S.W.
	descend gradually.
75.00	Dry run.
	Course N.E. ascend.
80.00	set a cedar post 3 ft. long 4 ins. sq. with marked stone, 24 ins. in the ground, for cor. of secs. 15, 16, 21 and 22. Marked T. 31 S. S. 15 on N.E. R. 23 E. S. 22 on S.E. S. 21 on S.W. S 16 on N.W. faces. with 3 notches on S. and E. edges. dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.
	Land, broken,
	Soil, stony and sandy, 2nd and 4th rate
	Timber, cedar and pinon,
	Mountainous land, heavily timbered, 80.00 chs.
	East on a random line.
	bet. secs. 15 and 22.
40.00	set temp. 1/4 sec. cor.
80.02	Intersect N. and S. line at the cor. of secs. 14, 15, 22 and 23.
	Thence Iron,
	West on a true line
	bet. secs. 15 and 22.
	Over rolling land,
9.00	Dry wash, 25 ft deep.
	Course N.E.
10.50	Same wash course S.E.

Subdivision of T. 31 S., R. 23 E. Continued.

Chains	
13.00	Same wash, course N.E. Begin steep ascend, over broken land, through heavy cedar and pinion.
31.20	Top of sand stone ledges. 500 ft above sec. cor. bear N. and S.
36.00	Top of ridge, bears N. and S. descend.
40.01	Set a sand stone 24x10x4 ins. 18 ins. in the ground, for 1/4 sec. cor. Marked 1/4 S. on N. face. From which a pinion 5 ins. in diam. bears N. 20° E. 34 lks. dist. marked 1/4 S. 15 B.T. A pinion 6 ins. in diam. bears S. 62° E. 37 lks. dist. marked 1/4 S. 22 B.T.
42.00	Begin abrupt descent over broken sand stone ledges. bear N. and S.
44.00	Bottom of steep descent, bears N. & S. leave ledges and timber.
73.50	Dry run, Course N.E.
80.02	The cor. of secs. 15, 16, 21 and 22. Land, broken.
31/49.02	Soil, sandy, and stony. Timber, cedar and pinion Mountainous land and heavily timber, 31. Chs.

Jan. 28th 1902.

At this cor. I set off 18.15 S on decl. arc: and at 12h. 13m. p.m. l. m. t. observe the sun on the meridian the resulting lat. is 38°07' N.

Subdivision of T. 31 S., R. 23 E. continued

Chains	
	N. 0°01' W.
	bet. secs. 15 and 16.
	Ascend, over rolling land.
6.00	Spur, project E. descend.
40.00	Set a sand stone 12x11x4 ins. 8 ins. in the ground, for 1/4 sec. Cor. marked 1/4 S. on W. face, dig pits: 18x18x12 ins. N. and S. of stone 3 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high W. of Cor.
80.00	set a pinion post 3 ft. 4 ins. eg. with marked stone 24 ins. in the ground for Cor. of secs. 9, 10, 15 and 16. marked, with T. 31 S. S. 10 on N.E., R. 23 E. S. 15 on S.E. S. 16 on S.W. S. 9 on N.W. faces with 3 notches on E. and 4 notches on S. edges. dig pits: 18x18x12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of Cor.
	Land, rolling
	Soil, sandy. 2nd rate.
	No timber.
	East on a random line
	bet. secs. 10 and 15.
40.00	set temp. 1/4 sec. Cor.
50.00	Intersect N. and S. line 2 chs. S. of the Cor. of secs. 10, 11, 14 and 15.
	Thence Spur
	S. 89°59' W. on a true line
	bet. secs. 10 and 15.
	Descend over rolling land
79.00	Dry run
	Course N. ascend

Subdivision of T. 31 S., R. 23 E. continued.

Chains.	
40.03	set a pinion post 3 ft. long, 4 ins. square, with marked stone, 24 ins. in the ground S. for 1/4 sec. cor. marked 1/4 S. 10 on N. 15 on S. faces. dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.
80.06	The cor. of secs. 9, 10, 15 and 16. Land, rolling, Soil, sandy, 2nd rate no timber.
	N. 0°01' W., bet. secs. 9 and 10. Descend over rolling land,
40.00	set a pinion post, 3 ft. long, 4 ins. sq., with marked stone 24 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 9 on W. S. 10 on E. faces, dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist. raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of Cor.
45.00	Dry run course N.E. ascend.
80.00	set a pinion post, 3 ft. long 4 ins. sq. with marked stone 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10. Marked T. 31 S. S. 3 on N.E., R. 23 E. S. 10 on S.E. S. 9 on S.W., S. 4 on N.W. faces, dig pits 24 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Subdivision of T. 31 S., R. 23 E., Continued

Chains.

Land, rolling.
Soil, sandy. 2nd rate.
No timber

N. 89°59' E.
On a random line bet. secs. 3 and 10.
40.00 Set temp. 1/4 sec. cor.
80.10 Intersect N. and S. line 9 lks.
S. of the cor. of secs. 2, 3, 10 and 11.
Thence I run
S. 89°55' W. on a true line.
bet. secs. 3 and 10.
Descend over rolling land.
78.00 Draw,
Course N.E. ascend,
40.05 Set a pinion post 3 ft long.
4 ins. sq. with marked stone
24 ins in the ground, for 1/4
sec. cor. marked 1/4 S. 3 on N. S
10 on S. faces. dig pits: 18 x
18 x 12 ins. E. and W. of post.
3 ft. dist. and raise a mound
of earth 3 1/2 ft. base, 1 1/2 ft.
high. N. of cor.
80.10 The cor. of secs. 3, 4, 9 and 10.
Land, rolling.
Soil, sandy. 2nd rate.
No timber.

N. 0°01' W.
bet. secs. 3 and 4.
Descend over rolling land,
40.00 Set a pinion post 3 ft. long,
3 ins. sq. with marked stone,
24 ins. in the ground, for
1/4 sec. cor. marked 1/4 S. 4 on W.
S 3 on E. faces. dig pits: 18 x 18 x
12 ins. N. and S. of post 3 ft. dist.

Subdivision of T. 31 S., R. 23 E., Continued.

Chains.	
	and raise a mound of stone 3½ ft. base, 1½ ft. high N. of Cor.
68.00	Foot of sand stone bluff.
	Enter timber, bears N.E. and S.W. ascend.
80.00	Top of sand stone bluff 250 ft. high. bears N.E. and S.W.
81.55	Intersect 6th Standard Parallel South 5.94 chs. E. of the standard cor. of secs. 33 and 34.
1355 / 55.00	Set a sand stone 18x10x3 ins. 12 ins. in the ground, for closing cor. to secs. 3 and 4 marked C.C. on S. with 3 grooves on E. and W. faces.
	From which a pinion 10 ins. in diam. bears S. 37° 30 E. 50 lks. dist. marked T. 31 S. R. 23 E. S. 3 B.T.
	a pinion 8 ins. in diam. bears S. 14° W. 62 lks. dist. marked T. 31 S. R. 23 E. S. 4 B.T.
	Land broken and rolling.
	Soil, stony and sandy, 2nd and 4th rate.
	Timber Cedar and pinion
	Mountainous land, and heavily timbered
	13.55 chs.
	January 28th 1902.
	January 29th 1902.
	At 8 a.m. l.m.t.,
	I set off 38° 04' N. on lat. arc; 18° 00' S. on decl. arc; and determine a true meridian with the solar, at the cor. of secs. 4, 5, 32 and 33. On Abdy of T.D. heretofore described.
	Thence I run
	N. 0° 01' W.
	bet. secs. 32 and 33.

Subdivision of T. 31 S., R. 23 E., continued.

Chains.	
	Descend over rolling land, through brushwood.
11.25	Dry ravine 50 ft. deep, course S. W., ascend.
11.00	Flat Ridge bears S. W. and N. E. descend.
40.00	Set a cedar post 3 ft. long 4 ins. square, with marked stone 24 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. 32 on W. 33 on E. faces. dig pits: 18 x 18 x 12 ins. N. and S. of post 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.
46.00	Wash 50 ft. wide 30 ft. deep. Course S. W.
67.35	Wash 20 ft. wide 25 ft. deep. Course S. W.
80.00	Set a sandstone 12 x 12 x 3 ins. 8 ins. in the ground, for cor of sec. 28, 29, 32 and 33. Marked with 4 notches on E. and 1 notch on S. edges, dig pits; 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
	Sand, broken Soil, sandy, 2nd rate. No timber Dense undergrowth. 80.00 chs.
	East on a random line bet. secs. 28 and 33.
40.00	Set temp. 1/4 sec. cor.
80.04	Intersect N. and S. line at the

Subdivision of T. 31 S., R. 23 E., Continued.

Chains	
	cor. of secs. 27, 28, 33 and 34.
	Thence Run
	West on a true line
	bet. secs. 28 and 33.
	Descend over rolling land
	through dense timber.
1.35	Wagon road,
	Indian Creek, to Monticello
	bears N. W. and S. E.
4.00	Begin ascent
	bears N. and S.
15.00	Begin abrupt ascent over
	broken sand stone ledges.
	bear N. and S.
18.00	Knoll, 15 ft high, bears N.
	and S. descend,
20.20	Sand stone ledges, 5 ft. high
	bear N. W. and S. E.
25.00	Abrupt Ascent
	over ledges, bear N. and S.
40.02	Falls on sand stone ledge
	bears N. & S.
	mark cross on ledge. for
	1/4 sec. cor. with 1/4 S on N.
	side, raised a mound of stone
	2 ft. base 1 1/2 ft. high. N. of
	cor. Pits impracticable.
45.00	Top a ridge 25 ft. above
	sec. cor. bears N. and S.
	descend.
59.00	Broken Sand stone ledge
	bears N. E. and S. W.
80.04	The cor. of secs. 28, 29, 32 and 33.
	Land, broken,
	Soil, stony and Sandy, 2nd and 4th rate.
	No timber.
	Mountainous land and
	dense undergrowth. 80.04 chs.

Subdivision of T. 31 S., R. 23 E. continued

Chains	
	N. 0°01' W.
	bet. secs. 28 and 29
	Descend over rolling land, through dense altimesa.
5.00	Ravine 20 ft. deep. course N. W.
8.00	Spur, projects W.
11.00	Ravine 20 ft. deep. course W. ascend.
16.00	Wagon road, Indian creek to Monticello, bears N.E. and S.W.
21.00	Top of ridge, bears E. and W. descend.
34.00	Enter scattering cedar and pinion timber bears E. and W.
38.50	Sandstone wash. 40 ft. deep. course W.
40.00	Set a sand stone 12 x 10 x 4 ins. 8 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on W. face, raised a mound of stone, 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.
73.00	Foot of sandstone ledges. bear N.W. and S.E.
80.00	350 ft. above 1/4 sec. cor. Falls on sandstone ledge. Mark cross on ledge, for cor. of secs. 20, 21, 28 and 29. with 4 grooves on E. and 2 notches on S. sides, and raised a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable. Land broken. Soil, sandy and stony 3rd and 4th rate. Timber, cedar and pinion

Subdivision of T. 31 S., R. 23 E., Continued.

Chains	
	Mountainous land and dense undergrowth
	80.00 Chs.
	East on a random line bet. secs. 21 and 28.
40.00	Set temp. 1/4 sec. cor.
80.08	Intersect N. and S. line 2 lks. S. of the cor. of secs. 20, 21, 28 and 29.
	Thence Trun N. 89°59' W. on a true line. bet. secs. 21 and 28.
	Descend over rolling land through dense artemisia
1.00	Wash 30 ft. wide 8 ft. deep. Course S.E. ascend
32.00	Enter scattering cedar and pinion timber, begin abrupt ascent over, broken sandstone ledges. bear N. and S.
40.04	Falls on sandstone ledge, mark cross on ledge, for 1/4 sec. cor. with 1/4 S. on N. side, and raise a mound of stone 2 ft base, 1 1/2 ft. high. N. of cor. Pits impracticable.
44.00	Top of ledges 150 ft high, enter heavy cedar and pinion timber bears N.W. and S.E.
61.00	Ridge, bears N. and S. 300 ft above sec. cor. descend,
76.00	Begin abrupt descent over ledges, leave heavy timber bears N. and S.
80.08	The cor. of secs. 20, 21, 28 and 29. Land, broken,

Subdivision of T.31 S., R.23 E., continued

Chains.	
	Soil stony 3rd and 4th rate. Timber, cedar and pin on mountainous land, dense undergrowth and heavily timbered
	80.08 chs.
	Jan. 29th 1902. At this cor. I set off 18°00' S on decl. arc: and at 2h 13m p. m. l. m. t, observe the sun on the meridian the resulting lat. is 38°16' N.
	N. 0°01' W.
	Bet. secs. 20 and 21.
	Ascending over broken sandstone ledges, through scattering cedar and pin on timber,
80.00	Top: of ridge,
	bears N. W. and S. E. descend,
100.00	Begin steep descent, over broken ledges,
140.00	Set a sandstone 16 x 9 x 5 ins: 11 ins. in the ground, for 1/4 sec. cor. Marked 1/4 S. on W. face, raised a mound of stone 2 ft. base, 1 1/2 ft high W. of cor. Pits impracticable.
640.00	Foot of steep descent, leave ledges and timber
	bears E and W,
740.00	Dry wash, 20 ft deep.
	Course N. W. 500 ft below ridge.
800.00	Set a cedar post, 3 ft. long, 4 ins. sq, with marked stone 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21. Marked T.31 S. S.16 on N.E., R.23 E. S.21 on S.E., S.20 on S.W., S.17 on

Subdivision of T. 31 S., R. 23 E., continued.

Chains.	
	N. W. faces, with 4 notches on E. and 3 notches on S. edges. dig pits 18x18x12 ins. in each sec. 5 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high. N. of cor.
	Land, broken,
	Soil, stony, 4th rate.
	Timber, cedar and pin on mountainous land.
	80.00 chs.
	S. 89°59' E. on a random line bet. secs. 16 and 21.
40.00	Set limp. 1/4 sec. cor.
80.04	Intersect N. and S. line. 3 lks S. of the cor. of secs. 15, 16, 21 and 22.
	Thence I run West on a true line bet. secs. 16 and 21.
	Ascending over rolling land,
15.00	Enter heavy cedar and pin on timber, bears N. & S. ascend over broken ledges.
29.50	Top of ledges, 500 ft. above sec. cor., bears N. and S.
40.02	Set a sandstone 16x10x4 ins. 11 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on N. face, from which a pin on 9 ins. in diam. bears S. 33° E. 14 lks. dist. marked 1/4 S. 21 B.T. a pin on 16 ins. in diam. bears N. 23° W. 5 7/10 lks. dist. marked 1/4 S. 16 B.T.
	Top of ridge, bears N. and S. descend

Subdivision of T. 31 S. R. 23 E. Contin.

Chains	
47.00	Top of ledges bear N. and S., descend over broken ledges.
57.00	Leave ledges and timber bears N. and S. over rolling land,
80.00	The cor. of secs. 16, 17, 20 and 21. Land, broken.
37/13.04	Soil, sandy and stony. 2nd and 4th rate. Timber, Cedar and pinion. Mountainous land and heavily timbered
	37.00 chs.

N. 0°01' W.

Cor. secs. 16 and 17.

Descend over rolling land, through sage.

26.00	Leave, deline S. W. ascend.
40.00	set a sandstone 16 x 10 x 5 ins. 11 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on W. face, dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist. raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.
57.00	Foot of bluff, sand stone ledges bear N. E. and S. W., enter scattering timber.
69.00	Top of bluff, 500 ft. above sec. cor. bears N. E. and S. W.
80.00	Set a sandstone 16 x 12 x 4 ins. 11 ins. in the ground, for cor. of secs. 8, 9, 16 and 17. marked with 4 notches on S. and 4 notches on E. edges, raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable. Land, rolling and broken. Soil, sandy and stony 2nd and 3rd rate.
33/5	

Subdivision of T. 31 S., R. 23 E., Continued.

Chains	
	Timber, Cedar and pin on Mountainous land, 23.00 Chs.
	East on a random line bet. secs. 9 and 16.
40.00	Set temp 1/4 sec. cor.
80.06	Intersect N. and S. line at the cor. of secs. 9, 10, 15 and 16. Thence Irun West on a true line bet. secs. 9 and 16. Ascending over rolling land, through sage.
40.03	Set a pin on post, 3 ft. long 4 ins. sq. with marked stone, 24 ins. in the ground, for 1/4 sec. cor. Marked 1/4 S. 9 on N. S. 16 on S. faces, dig pits: 18 x 18 x 12 ins. E. and W. of post 3 ft. dist. raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.
66.00	Foot of bluff, sandstone ledges, enter scattering timber bears N. and S.
77.00	Top of bluff, 450 ft. above sec. cor. bears N. and S.
80.06	The cor. of secs. 8, 9, 16 and 17. Sand rolling and broken.
14.06 / 66.00	Soil, stony and sandy 2nd and 4th rate. Timber, Cedar and pin on Mountainous land, 14.06 Chs.
	January 29th 1902.
	January 30th 1902. At 8 a.m., l.m.t., I set off 38°07' N. on lat. arc.

Subdivision of T. 31 S., R. 73 E., Continued.

Chains.	
	17.43 S. on decl. arc; and determine a true meridian with the solar, at the cor. of secs. 8, 9, 16 and 17.
	Thence Run
	N. 0°01' W.
	bet. secs. 8 and 9.
	Cross broken sandstone ledges, through scattering cedar and pin on.
19.00	Begin abrupt descent.
	bears E. and W. Same timber.
28.00	Foot of sandstone ledges. 300 ft. high. bear E. and W., gradual descent.
40.00	Set a sandstone 18x10x6 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on W. face, dig pits 18x18x12 ins. N. and S. of stone 3 ft. dist, and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.
	Begin gradual ascent.
48.00	Enter scattering cedar and pin on timber, and sandstone boulders, bear E. and W.
50.00	Begin abrupt ascent. over broken sandstone ledges. bear E. and W.
64.00	Top of abrupt ascent. 250 ft. above 1/4 sec. cor. bears E. and W. enter heavy cedar and pin on timber bears E. and W.
80.00	Set a sandstone 30x10x6 ins. 23 ins. in the ground and mound of stone, for cor. of secs. 4, 5, 8 and 9. marked with 5 notches on S. and 4 notches on E. edges.
	From which a pin oak 14 ins. in diam. bears N. 80° E. 61 lks.

Subdivision of T. 31 S. R. 23 E. continued.

Chains.	
	dist. marked T. 31 S. R. 23 E. S. 4 B.T.
	A cedar 12 ins. in diam. bears S. 49° E. 78 lks. dist. marked T. 31 S. R. 23 E. S. 9. B.T.
	A pine 6 ins. in diam. bears S. 30° W. 53 lks. dist. marked T. 31 S. R. 23 E. S. 8 B.T.
	A cedar 15 ins. in diam. bears N. 14° W. 15 lks. dist. marked T. 31 S. R. 23 E. S. 5 B.T.
	Land, rocky, soil, sandy and stony 3rd and 4th rate. Timber, cedar and pinon Mountainous land and heavily timbered 80.00 chs.
	East on a random line bet. secs. 4 and 9.
40.00	set temp. 1/4 sec. cor.
80.00	Intersect N. and S. line 5 chs. N. of the cor. of secs. 3, 4, 9 and 10.
	Meas. Drum N. 89° 58' W. on a true line bet. secs. 4 and 9.
	Gradually ascending rocky rolling land,
40.00	set a cedar post 3 ft. long 4 ins. sq. with marked stone 24 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on N. face, dig pits, 18 x 18 x 12 ins. E. and W. approx. 3 ft. dist. and raised a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
48.00	Entered heavy cedar and pine on timber. bears N. 1/4 S.

Subdivision of T. 31 S., R. 23 E., Continued.

Chains.

51.00 Begin abrupt ascent over broken sand stone ledges. bear N. and S.

61.00 Top. of sand stone ledges 250 ft. high bear N. and S.

80.00 The cor. of secs. 4, 5, 8 and 9. Land broken.

3 3/4 8 Soil stony, 2nd and 4th rate
Timber, Cedar and pin on,
Mountainous land and heavy timbered 32.00 chs.

N. 0°01' W.
bet. secs. 4 and 5.
Ascend through heavy cedar and pin on

2.50 Top of ridge, bears N.E. and S.W. descend.

18.00 Beging abrupt descent, over broken ledges, bear N.E. and S.W. Leave heavy timber,

40.00 Falls on sand stone ledge, mark cross on ledge for 1/4 sec. cor. with 1/4 S. on W. side, raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable A Pinion 5 ins. in diam. bears S. 33° W. 55 lbs. dist. marked 1/4 S. 5 B.T. No other bearing trees within limits

42.25 Foot of sand stone ledges 250 ft. high bear N.E. and S.W.

45.00 Leave timber bears E & W. Enter dense sage brush

46.00 Draw 20 ft deep course N. along draw.

58.00 Leave draw, course N.E.

Subdivision of T. 31 S., R. 23 E., Continued.

Chains

81.55 Intersect 6th Standard Parallel South 5.94 chs. E. of the Standard Cor. of secs. 32 and 33.
Set a Cedar post 3 ft long 4 ins Sq. with marked stone 24 ins. in the ground for Closing cor. to secs. 4 and 5, marked C.C. T. 31 S. R. 23 E. on S. with 4 grooves on E. and S. 4. and 2 grooves S. 5 on W. faces. dig pits; 24 x 18 x 12 ins. crosswise on each line 3 ft. E. and W. and 7 ft. S. of post. and raise a mound of earth. 4 ft base 2 ft. high S. of Cor.
Land, rolling and broken.
Soil, stony 2nd and 4th rate.
Timber, Cedar and pinion.
Mountainous land, dense undergrowth and heavily timbered
81.55 chs.

From the corner of sections 5, 6, 31 and 32 on the S. bdy. of Tp., heretofore described,
I run

N. 0°02' W.
bet. secs. 31 and 32.
Descend over rolling land through dense artemisia
3.25 Elbow of Hearts Draw 100 ft. deep. from S. W. to N. W. ascend through scattering

Subdivision of T. 31 S., R. 23 E. continued.

Chains.	
	Cedar and pinon
40.00	set a sand stone 16 x 12 x 4 ins. 11 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on W. face, raised a mound of stone 2 ft. base, 1 1/2 ft. high W. of lot. Pits impracticable
55.00	Spur, projects W. descend
67.00	Wagon road, Indian Creek to Monticello bears E. and W.
78.00	Wagon road, in bottom of Ravine 40 ft deep, course W. Road bears N.E. and S.W. from Indian creek to Moab. ascend.
80.00	Set a sand stone 15 x 10 x 4 ins 10 ins in the ground, for cor. of secs. 29, 30, 31 and 32. marked with 1 notch on S. and 5 notches on E. edges. raised a mound of stone 2 ft. base, 1 1/2 ft. high. W. of lot. Pits impracticable. Land broken, soil, sandy 2nd rate, Timber, scattering.
	East on a random line bet secs. 29 and 32.
40.00	set temp. 1/4 sec. cor.
50.00	Intersect N. and S. line. at the cor. of secs. 28, 29, 32 and 33. Thence Drum.
	West on a true line bet. secs. 29 and 32.
	Descend over rolling land through dense artemisia
5.00	Begin steep descent. bears N. and S.

Subdivision of T. 31 S., R. 23 E. continued.

Chains	
11.00	Dry wash. Course N. W.
23.00	Dry wash, Course N. W.
31.00	Wagon road Montiello to Indian creek, bears N.E. and S.W.
40.00	Set a cedar post, 3 ft. long 4 ins. square, with marked stone 24 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 29 on N. 32 on S. faces and dig pits 18 x 18 x 12 ins. E. and W. of post. 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.
51.00	Sand stone ledge, bears N.E. and S.W.
76.00	Wash 10 ft. deep, course S.W. along wash bottom
78.00	Wash, and wagon road road to Indian creek, bears N.E. and S.W. Wash dry S.W. ascend,
80.00	The cor. of secs. 29, 30, 31 and 32. 20 ft. below the sec. cor. Land, rolling Soil, sandy 2nd rate No timber Dense undergrowth 80.00 chs.
	West on a random line. Met sec. 30 and 31.
40.00	Set temp. 1/4 sec. cor.
77.65	Intersect W. bdy. of T. at the cor. of secs. 25, 30, 31 and 36, heretofore described.

Subdivision of T. 31 S., R. 23 E. Continued.

Chains	
	Thence Trav
	East on a true line bet. Secs. 30 & 31
	Descend over rolling land,
	through dense cedar.
13.00	Wash 150 ft. wide, 50 ft deep.
	Course N.E. ascend.
24.00	Ridge, bears N.E. and S.W.
	descend
37.65	Set a sand stone 24x18x4 ins
	18 ins. in the ground, for 1/4
	Sec. cor. marked 1/4 S. on
	N face, dig pits: 18x18x12
	ins. E. and W. of stone 3 ft. dist.
	and raise a mound of
	earth 3½ ft. base, 1½ ft.
	high N. of cor.
60.00	Wash, 20 ft deep,
	Course N. Heath's draw.
66.00	Wash 20 ft. deep
	Course S.W.
71.00	Spur, projects S.
	descend.
77.65	The cor. of secs. 29, 30, 31 and 32,
	Land, rolling
	Soil, stony 3rd and 4th rate.
	No timber
	Dense undergrowth
	77.65 Chs.

N. 0° 02' W.
bet. secs. 29 and 30.
Ascend over rolling land, through sage.

10.00	Foot of sand stone bluff bears
	E. and W. and ravine drains W. ascend.
14.75	Top of ridge 300 ft. above sec.
	cor. bears E. and W. into scattering
	cedar and pinon.

Subdivision of T. 31 S., R. 23 E., Continued

Chains	
19.00	Top of bluff, begin steep descent over ledges bear N.E. and S.W.
21.00	Foot of ledges bear N.E. and S.W. ascend,
40.00	Set a sand stone 18×12×4 ins 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on W. face, raised a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
58.00	Top of steep ascent, leave timber bears E. and W. over nearly level land,
80.00	Set a sand stone 14×12×4 ins. 9 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, dig pits: 18×18×12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, broken, Soil, Stony 4th rate Timber Cedar and pinion. Mountainous land.
58/29	58.00 chs.

January 30th 1902.

At this cor. I set off 17°43' S. on decl. arc; and at 12h.13m p.m. l. m.t., observe the sun on the meridian the resulting lat. is 38°06' N.

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

40.00	Set temp. 1/4 sec. cor.

Subdivision of T. 31 S., R. 23 E., continued

Chains	
80.00	Intersect N. and S. line. 5 lks. S. of the cor. of secs. 20, 21, 28 and 29. Thence I run S. 89°58' W. on a true line bet. secs. 20 and 29. Descend over broken sandstone ledges.
5.50	Foot of ledges, bear N. W. and S. E. 250 ft. below sec. cor.
33.00	Dry run, course S. ascend.
36.00	Wagon road, Indian Creek to Moab, bears N. and S.
40.00	Set a sandstone 18×12×4 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on N. face, dig pits: 18×18×12 ins. E. and W. of stone 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.
43.00	Ridge, bears N. and S. descend.
48.00	Enter heavy cedar and pinion timber, bears N. and S.
61.00	Leave heavy timber bears N. and S.
80.00	The cor. of secs. 19, 20, 29 and 30. Land rolling and broken. Soil, sandy 2nd and 3rd rdts. Timber, cedar and pinion. Mountainous land and heavily timbered 18.50 chs.
	West on a random line bet. secs. 19 and 30.
40.00	Set temp. 1/4 sec. cor.
77.56	Intersect W. bdy. of Tp. at the cor. of secs. 19, 24, 25 and 30 heretofore described. Thence I run.

Subdivision of T. 31 S., R. 73 E., continued.

Chains	
	East on a true line bet. secs. 19 and 30. Ascend over rolling land, through dense artemisia and scattering cedar and pinion.
10.00	Ridge bears N. and S. descend.
17.00	Begin steep descent bears N. and S.
22.25	Dry ravine 150 ft. deep. course S. ascend.
23.50	Spur, projects S. descend.
24.50	Ravine 75 ft. deep. course S.W. ascend.
36.50	Spur, projects S. descend.
37.56	Set a sandstone 15 x 12 x 4 ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on N. face, raised a mound of stone; 2 ft. base, 1 1/2 ft. high N. of cor. Pits impracticable A. pinion 10 ins. in diam. bears S. 65° E. 25 lks. dist. marked 1/4 S. 30 B.T. No other trees within limits.
54.50	Ravine 40 ft deep. course S. ascend;
58.00	Spur, projects S. descend.
66.00	Ravine 100 ft. deep. course S.W. ascend.
77.56	The cor. of secs. 19, 20, 29 and 30. Land, broken Soil, sandy and stony 2nd and 4th rates Timber, cedar and pin on mountainous land and dense undergrowth

77.56 chs.

January 30th 1902.

Subdivision of T. 31 S., R. 23 E. continued.

chains	
	January 31st 1902. At 8 a.m., l. m. t., I set off 38°06' N. on lat. arc; 17°27' S on decl. arc; and determine a true meridian with the solar, at the cor. of secs. 19, 20, 29 and 30.
	N. 0°02' W. bet. secs. 19 and 20. Descend over rolling land. through chaparral and scattering cedar and pin on
18.00	Ravine 150 ft. deep. course S. W. ascend,
40.00	Falls on sandstone ledge, bears N. E. and S. W. mark cross on ledge for 1/4 sec. cor. with 1/4 S. on W. side, raised a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.
53.50	Top of ridge, bears E. and W. descend, 40 ft above sec. cor.
80.00	Set a sandstone 16 x 12 x 4 ins. 11 ins. in the ground, for cor. of secs. 17, 18, 19 and 20. Marked with 3 notches on S. and 5 notches on E. edges. Down which a Pin on 8 ins. in diam. bears S. 76° E. 67 lbs. dist. marked T. 31 S., R. 23 E. S. 20 B. T. a pin on 4 ins. in diam. bears S. 13° W. 6 lbs. dist. marked T. 31 S., R. 23 E. S. 19 B. T. a pin on 3 ins. in diam, bears N. 71° W. 18 lbs. dist. marked T. 31 S., R. 23 E., S. 18 B. T. No other bearing trees within limits. Raised a mound of stone 2 ft. base,

Subdivision of T.31S, R.23E, continued.

Chains	
	1½ ft. high. W. of Cor.
	Pits impracticable.
	Land, broken,
	Soil, stony and sandy, 2nd and 3rd rate.
	Timber, Cedar and pinon.
	Dense undergrowth, 8.00 chs.
	N. 89°58' E. on a random line,
	bet. secs. 17 and 20
40.00	set temp. 1/4 sec. cor.
80.02	Intersect N. and S. line, at the
	cor. of secs. 16, 17, 20 and 21.
	Thence I run
	S. 89°58' W. on a true line,
	bet. secs. 17 and 20.
	Descend over rolling land,
	through sage, Cedar and pinon on timber.
6.00	Dry wash,
	course N. W. ascend.
40.01	Set a pinion post, 3 ft. long,
	4 ins. sq., with marked stone
	24 ins. in the ground for 1/4
	sec. cor. marked 1/4 S. 17 on N.
	20 on S. faces, dig pits, 18 x 18 x
	12 ins. E. and W. of post 3 ft.
	dist, and raise a mound of
	earth 3½ ft. base, 1½ ft. high
	N. of Cor.
40.55	Wagon road,
	Indian Creek, to Moab.
	bears N. and S.
45.00	Drain, course N. ascend.
75.00	Spur, projects N. descend.
80.02	The cor. of secs. 17, 18, 19 and 20.
	Land rolling,
	soil, sandy, 2nd rate.
	Timber, Cedar and pinon

Subdivision of T. 31 S., R. 23 E., Continued.

Chains.

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

40.00 Set temp. 1/4 sec. cor.

77.49 Intersect W. bdy. of Tp. 2 lks. N. of the cor. of secs. 13, 18, 19 and 24.5 heads for described,
Thence I run
N. 89°59' E. on a true line
bet. secs. 18 and 19.
Descend through dense artimesa over rolling land.

17.50 Ravine 150 ft. deep. course N. W. ascend.

25.00 Spur, projects N. W. descend through heavy Cedar and pinion bears N. W. and S. E.

37.49 Set a sandstone 18×12×3 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on N. face.
From which a pinion 14 ins. in diam. bears N. 35° E. 6 lks. dist. marked 1/4 S. 18 B.T.
A pinion 15 ins. in diam. bears S. 17° W. 71 lks. dist. marked 1/4 S. 19 B.T.

40.75 Ravine 50 ft. deep. course N. ascend.

77.49 The cor. of secs. 17, 18, 19 and 20.
Land, rolling.
Soil, sandy, 3rd and 2nd rate
Timber, Cedar and pinion.
Dense underg rowth and heavily timbered 77.49 Chs.

Jan. 31st 1902.
At this cor. I set off 17°27' S. on decl. arc; and at 12h 13m. p. m. - l. m. t, observe the sun on the meridian, the resulting lat. is 38°07' N.

Subdivision of T. 31 S., R. 23 E., continued.

Chains.	
	N. 0°02' W.
	bet. secs. 17 and 18.
	Descending over broken land through heavy Cedar and pinion timber.
34.00	Dry run in wide cañon. course W. as cend. Enter dense sage and Leave timber, bears E. and W.
40.00	Set a pinion post 3 ft. long. 3 ins. sq. with a marked stone 24 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 18 on W. 17 on E. faces. dig pits 18×18×12 ins. N. and S. of post. 3 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of Cor.
64.00	Sandstone ledges, 250 ft. high bear E. and W.
66.50	Top of sandstone ledges bear E. and W.
67.50	Top of ridge, bears E. and W. descend.
80.00	Set a sandstone 12×8×6 ins. 8 ins. in the ground, for Cor. of secs. 7, 8, 17 and 18. marked with 5 notches on E. and 4 notches on S. edges. dig pits: 18×18×12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of Cor.
	Land, broken,
	Soil, stony 2nd and 4th rate.
	Timber, cedar and pinion.
	Mountainous land, 80.00 chs.
	N. 89°58' E. on a random line bet. secs. 8 and 17.

Subdivision of T. 31 S., R. 23 E., continued

Chains.	
40.00	Set temp. 1/4 sec. cor.
80.06	Intersect N. and S. line 3 lks. N. of the cor. of secs. 8, 9, 16 and 17.
	Thence run S 89° 59' W. on a true line bet. secs. 8 and 17.
	Over broken sandstone ledges, through scattering cedar and pinion.
24.00	Top of sandstone ledges, 600 ft. high, bear N. and S. descend.
36.00	Foot of bluff.
	Leave cedar and pinion, bears N. and S.
40.03	Set a sandstone 16 x 8 x 4 ins. 11 ins. in the ground, for 1/4 sec. cor. Marked 1/4 S. on N. face, dig pits: 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist., raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.
57.00	Wagon road, Indian Creek to Moab, bears N. and S.
	Dry run, bears S. ascend.
80.06	The cor. of secs. 7, 8, 17 and 18.
	Land, rolling and broken
	Soil, sandy and stony 2nd and 3rd rate
	Timber, cedar and pinion
	Mountainous land, 26.00 chs.

S 89° 59' W. on a random line bet. secs. 7 and 18.

40.00	Set temp. 1/4 sec. cor.
77.45	Intersect W. bdy. of Tp. 3 lks. N. of the cor. of 7, 12, 13 and 18.
	Thence run N. 89° 58' E. on a true line bet. secs. 7 and 18.

Subdivision of T. 31 S., R. 23 E., Continued.

Chains	
	Ascend over sand stone ledges. bear N.E. and S.W.
7.50	Leave ledges bear N.E. and S.W.
18.00	Ridge, bears N.W. and S.E. descend through dense Atlimesa
22.00	Ascend.
24.00	Same ridge, bears N.E. and S.W. descend
30.00	Enter heavy cedar and pinion, bears N. and S.
37.45	Set a sand stone 30×10×4 ins. 23 ins. in the ground and mound of stone. for 1/4 sec. cor. marked 1/4 S. on N. face, from which a cedar 24 ins. in diam. bears S. 5° W. 11 lks. dist. marked 1/4 S. 1 S. B.T. A cedar 20 ins. in diam. bears N. 15° W. 31 lks. dist. marked 1/4 S. 1. B.T.
45.00	Ravine, 25 ft. deep. course S. ascend.
48.00	Leave heavy timber, bears N. and S.
70.00	Sand stone ledge 30 ft. high on ridge, bears N. and S. descend.
77.45	The cor. of secs. 7, 8, 17 and 18. Land, broken. Soil, stony and sandy 3rd and 4th rate. Timber, cedar and pinion. Mountainous land, heavily timbered and dense undergrowth. 77.45 chs.

January 31st, 1902.

Subdivision of T. 31 S., R. 23 E., continued.

Chains	
	February 1st 1902. At 8 a.m., l. m. t., I set off 38°08' N. on lat. arc; 17°11' S. on decl. arc; and determine a true meridian with the solar. at the cor. of secs. 7, 8, 17 and 18.
	N. 0°02' W.
	bet. secs. 7 and 8.
	Ascend over rolling land through dense sage.
9.50	Spur Ridge, bears E. and W.
40.00	Set a sand stone 18x10x5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on W. face, dig pits 18x18x12 ins. N. and S. of stone 3½ ft. dist. raise a mound of earth 3½ ft. base, 1½ ft. high. W. of cor.
77.50	Ravine 50 ft. deep. course N. W. ascend
	enter heavy Cedar and pinion. bears E. and W.
80.00	Set a sand stone 26x15x5 ins. 20 ins in the ground for cor. of secs. 5, 6, 7 and 8, marked with 5 notches on the S. and E. edges.
	From which a pinion 12 ins. in diam. bears N. 55° E. 144 lks. marked T. 31 S., R. 23 E., S. 5 B. T.
	A pinion 12 ins. in diam. bears S. 25° E. 57 lks. dist. marked T. 31 S., R. 23 E., S. 8 B. T.
	A cedar 4 ins. in diam, bears S. 32° W. 65 lks. dist. marked T. 31 S., R. 23 E., S. 7 B. T.
	A cedar 5 ins. in diam, bears N. 86° W. 124 lks. dist. marked T. 31 S., R. 23 E., S. 6. B. T.

Subdivision of T. 31 S., R. 23 E., continued.

Chains	
	Land, rolling
	Soil, sandy, 2nd rate
"	Timber, Cedar and pinion,
	Dense undergrowth and heavy timber 80.00 chs.
	N. 89°59' E. on a random line,
	bet. secs. 5 and 8.
40.00	Set temp. 1/4 sec. cor.
80.06	Intersect N. and S. line 3 lbs N.
	of the cor. of secs. 4, 5, 8 and 9.
	Thence Iden
	West on a true line
	bet. secs. 5 and 8.
	Ascend, through heavy Cedar
	and pinion
3.00	Top of ridge, bears N.E. and
	S.W. descend.
30.00	Level timber, bears N. and S.
33.00	Perpindicular sand stone
	ledges, 100 ft. high bear
	N. and S.
40.00	Set a sand stone 22 x 10 x 4 ins.
	16 ins. in the ground, for
	1/4 sec. cor. marked 1/4 S. on
	N. face, dig pits: 18 x 18 x 12
	ins. E. and W. of stone 3 ft. dist.
	raise a mound of earth
	3 1/2 ft. base, 1 1/2 ft. high N. of Cor.
57.50	Wash 15 ft. deep, 50 ft. wide,
	drains N. W.
65.00	Wagon road
	Indian Creek to Moab. bears
	N. and S.
74.50	Enter heavy Cedar and pinion
	timber bears N. and S.
80.06	The cor. of secs. 5, 6, 7 and 8.
	Land broken and rolling
3336 / 44.50	Soil, stony and sandy 3rd and 4th rate

Subdivision of T. 31 S., R. 23 E., continued.

Chains.	
	Timber, Cedar and pinion
	Heavily timbered land on 35.56 chs
	S. 89°58' W. on a random line,
	bet. secs. 6 and 7.
40.00	set temp. 1/4 sec. cor.
77.39	Intersect W. bdy. of Tp. 5 lks. S.
	of the cor. of secs. 1, 6, 7 and 12.
	Thence Drun
	East on a true line.
	bet. secs. 6 and 7.
	Ascend through dense sage
	brush, Cedar and pinion timber,
4.80	Sand stone ledges, bear N.E.
	and S.W.
7.60	Ridge, bears N. and S. descend.
31.85	Ravine, 15 ft deep, course
	N. ascend
37.39	set a sandstone 18 x 14 x 4 ins.
	12 ins. in the ground, for 1/4
	sec. cor. marked 1/4 S. on N.
	face, from which a pinion
	14 ins. in diam, bears N. 52° W.
	9 lks. dist. marked 1/4 S. 6 B.T.
	a cedar 3 ins. in diam, bears
	S. 15 lks. dist. marked 1/4 S. 7 B.T.
41.00	Ridge, bears N. and S. descend,
53.00	Ravine 15 ft. deep. course N.
	ascend.
65.00	Ridge, bears N. and S. descend.
73.25	Ravine 15 ft. deep, course
	N.W. ascend.
77.39	The cor. of secs. 5, 6, 7 and 8.
	Land, broken,
	soil, stony 3rd rate
	Timber, Cedar and pinion
	Mountainous land, dense undergrowth
	and heavily timbered 77.39 chs.

Subdivision of T. 31 S. R. 23 E., Concluded.

Chains	
	No. 02 W.
	bet. secs. 5 and 6.
	Ascend over sand stone ledges through cedar and pinion timber,
20.00	Leave, Ledges and timber, bears E. and W.
36.00	Ridge, bears E. and W.
40.00	Set a sandstone 22x10x3 ins. 16 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on W. face, dig pits: 18x18x12 ins. N. and S. of stone 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high. W. of Cor.
42.00	Draw, course W.
	Ascend.
81.60	Intersect 6th Standard Parallel South 5.94 chs. E. of the standard cor. of secs. 31 and 32. heretofore described.
	Set a cedar post 3 ft. long, 4 ins. sq. with marked stone 24 ins. in the ground for closing cor. to secs. 5 and 6.
	Marked C.C. T. 31 S. R. 23 E. on S., S. 5 with 5 grooves on E. and S. 6 with 1 groove on W. face dig pits 24x18x12 ins. Crosswise on line E. and W. 3 ft. and S. of post, 7 ft. dist.; raise a mound of earth 4 ft. base, 2 ft. high S. of Cor.
	Land, rolling.
	Soil, sandy 3rd rate,
	Timber, Cedar and pinion.

Feb. 1st 1902.

Township 31 S. Range 23 E.

General Discription.

This Tp. is composed of sandy land throughout, cut here and there by sand stone ledges, upon which there is usually a heavy growth of Cedar and pinion timber;
The entire Tp. is covered with a luxurant growth of nutritious grasses, and is among the best ranges of Utah.
Crops could be raised here without irrigation.
There is no water in the township, but a short distance E. and N. of the tp. is small springs which supply sufficient water for range stock.
Henry Dalton, M. Parker and H. E. Gordon, have abandoned their improvements, and what was left has been destroyed by sheep and cattle men.
There are no settler in the tp.
There is no mineral in this tp.

Hubert D. Page
U.S. Deputy Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

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

..... *Chainman.*

..... *Chainman.*

..... *Moundman.*

..... *Moundman.*

..... *Axman.*

..... *Axman.*

..... *Flagman.*

FINAL OATH OF ASSISTANTS.

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

..... *Chainman.*

..... *Chainman.*

..... *Moundman.*

..... *Moundman.*

..... *Axman.*

..... *Axman.*

..... *Flagman.*

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

SEAL

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

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

.....

.....

.....

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

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

.....

United States Deputy Surveyor.

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

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Salt Lake City, Utah, Apl 25, 1902. No

The foregoing field notes of the survey of The subdivisional lines of Township 21 South, Range 23 East of the Salt Lake Base & Meridian, Utah

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executed by Herbert L. Page under his contract No. 247, dated November 11th 1901, 189 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward Hudson

United States Surveyor General.

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

.....

United States Surveyor General.

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