Volume

# #

R0237

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6—151

Preliminary Oaths of Assistants.

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

.....

..... *Chainman.*

..... *Chainman.*

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

SEAL

.....

.....

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

.....

..... *Moundman.*

..... *Moundman.*

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

SEAL

.....

.....

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

.....

..... *Axman.*

..... *Axman.*

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

SEAL

.....

.....

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

.....

..... *Flagman.*

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

SEAL

.....

.....

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Township 26 S., *Range* 4 East

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6—151

Preliminary Oaths of Assistants.

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

.....

....., *Chainman.*

....., *Chainman.*

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

SEAL

.....

.....

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

.....

....., *Moundman.*

....., *Moundman.*

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

SEAL

.....

.....

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

.....

....., *Axman.*

....., *Axman.*

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

SEAL

.....

.....

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

....., *Flagman.*

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

SEAL

.....

.....

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Township 12 South, *Range* 6 East

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Meanders Page.....

6—151

Preliminary Oaths of Assistants.

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

....., *Chainman.*

....., *Chainman.*

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

SEAL

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

....., *Moundman.*

....., *Moundman.*

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

SEAL

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

....., *Axman.*

....., *Axman.*

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

SEAL

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

....., *Flagma*

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

SEAL

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Township 13 S, *Range* 5 E.

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Meanders Page

Preliminary Oaths of Assistants.

We, ... and .....
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins either by sticking or dropping the same; that we will pace at 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 monuments, 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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Meanders Page

Preliminary Oaths of Assistants.

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

.....

..... *, Chainman.*

..... *, Chainman.*

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

SEAL

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

.....

..... *, Moundman.*

..... *, Moundman.*

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

SEAL

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

.....

..... *, Axman.*

..... *, Axman.*

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

SEAL

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

..... *, Flagman.*

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

SEAL

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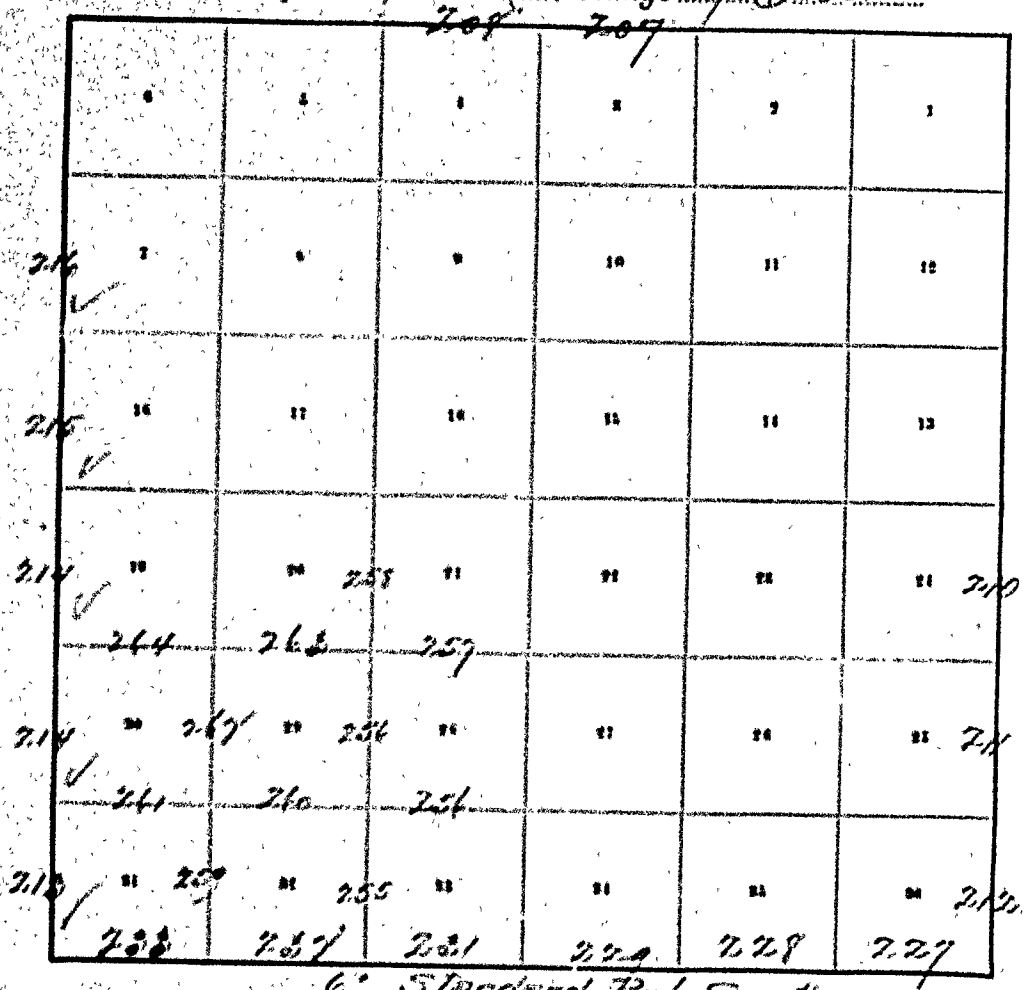
Township 20 South, Range 7 East



Meanders Page

Preliminary Oaths of Assistants.

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

.....

....., *Chainman.*

....., *Chainman.*

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

SEAL

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

.....

....., *Moundman.*

....., *Moundman.*

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

SEAL

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

.....

....., *Axman.*

....., *Axman.*

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

SEAL

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

....., *Flagman.*

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

SEAL

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Meanders Page

Preliminary Oaths of Assistants.

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

.....

....., *Chainman.*

....., *Chainman.*

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

SEAL

.....

.....

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

.....

....., *Moundman.*

....., *Moundman.*

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

SEAL

.....

.....

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

.....

....., *Axman.*

....., *Axman.*

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

SEAL

.....

.....

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

....., *Flagman.*

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

SEAL

.....

.....

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Meanders Page.....

Preliminary Oaths of Assistants.

WE, ... and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by [illegible] or dropping the same; that we will report the true distances to all notable objects, and the true [illegible] 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 [illegible] corners, according to the instructions given us, to the best of our [illegible] 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 [illegible] corners and other duties, according to instructions given us, to the best [illegible] survey of

.....

, *Axman.*

, *Axman.*

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

SEAL

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

....., *Flagman.*

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

SEAL

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INDEX DIAGRAM.

Township 29 S., *Range* 6 East

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Meanders Page

Preliminary Oaths of Assistants.

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

....., *Chainman.*

....., *Chainman.*

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

SEAL

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

....., *Moundman.*

....., *Moundman.*

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

SEAL

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

....., *Axman.*

....., *Axman.*

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

SEAL

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

....., *Flagman.*

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

SEAL

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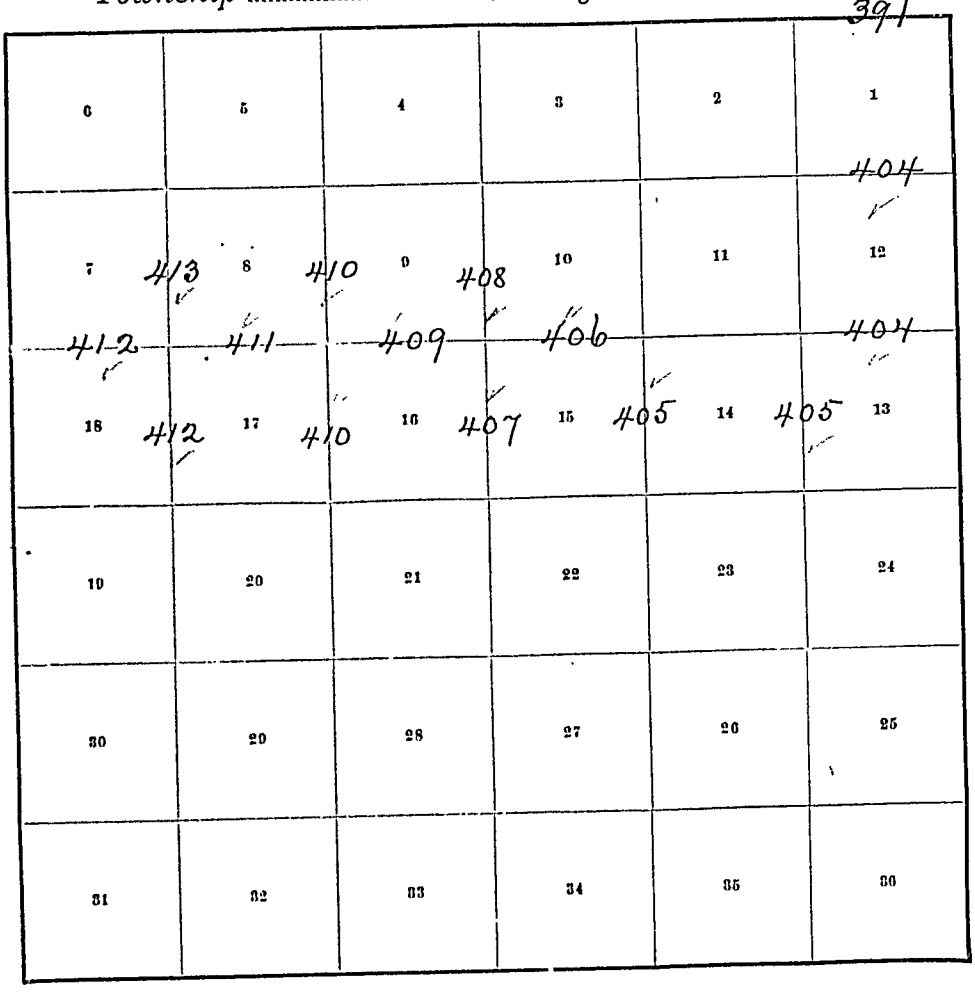
INDEX DIAGRAM.

Township 30 S, *Range* 5 E.



Meanders Page

Preliminary Oaths of Assistants.

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

.....

..... *Chainman.*

..... *Chainman.*

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

SEAL

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

.....

..... *Moundman.*

..... *Moundman.*

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

SEAL

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

.....

..... *Axman.*

..... *Axman.*

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

SEAL

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

..... *Flagman.*

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

SEAL

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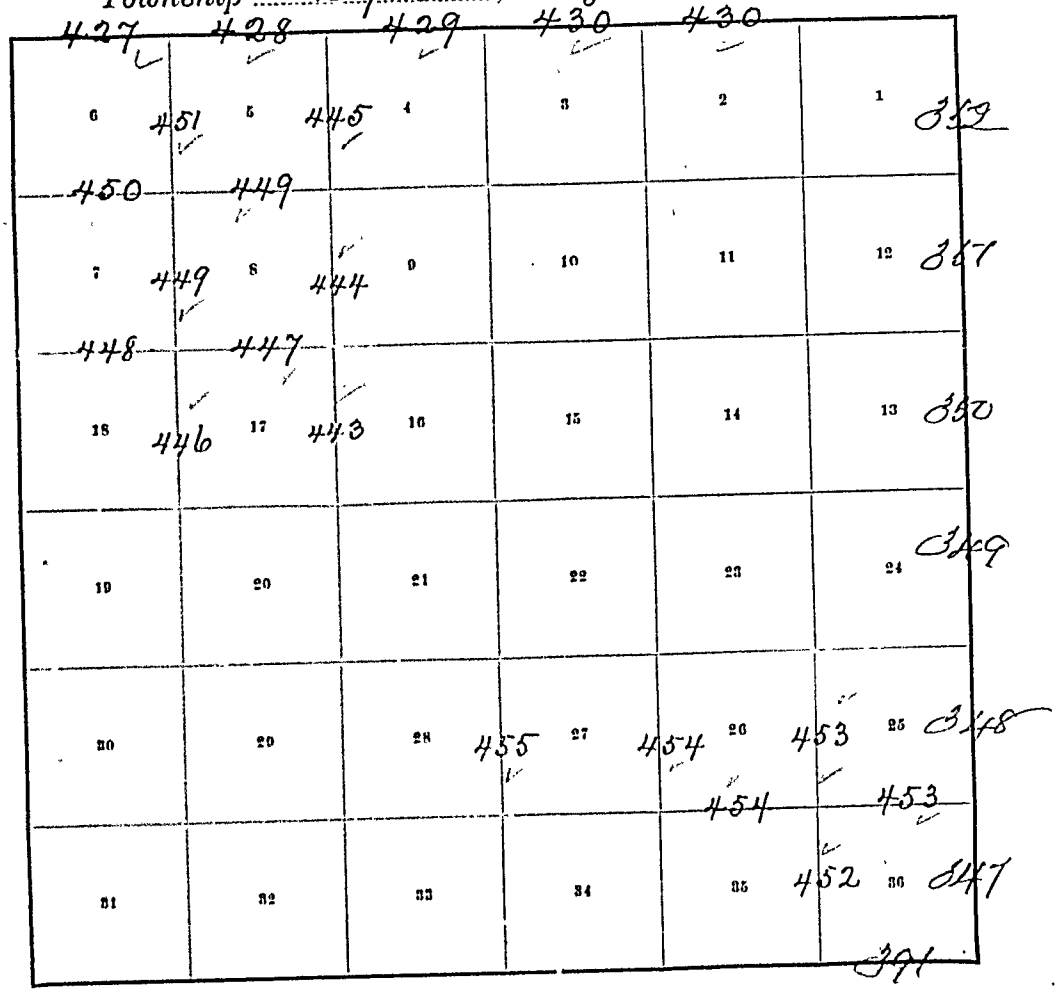
INDEX DIAGRAM.

Township 29 S, Range 5 E.



Meanders Page.....

6—151

Preliminary Oaths of Assistants.

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

..... *Chainman.*

..... *Chainman.*

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

SEAL

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

..... *Moundman.*

..... *Moundman.*

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

SEAL

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

..... *Axman.*

..... *Axman.*

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

SEAL

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

..... *Flagman.*

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

SEAL

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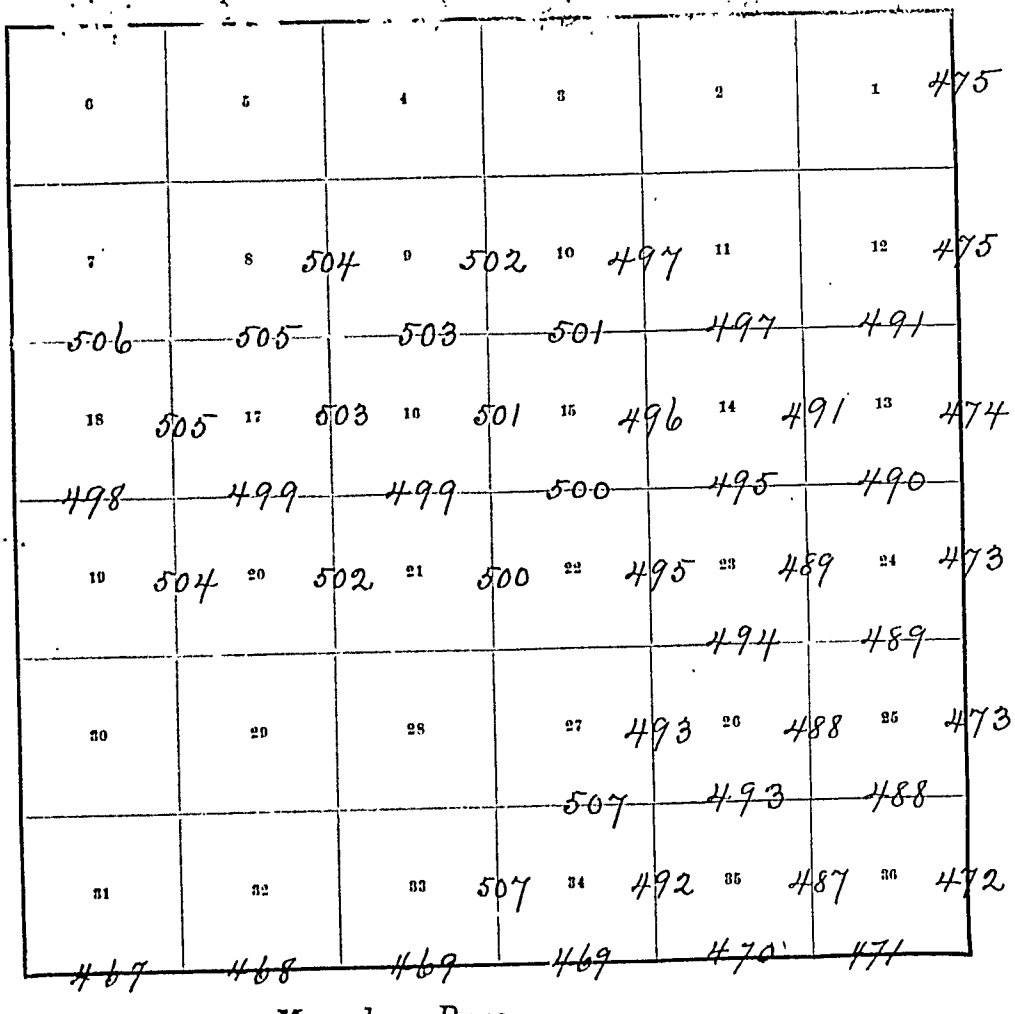
INDEX DIAGRAM.

Township 26 S, *Range* 5 E.



Meanders Page

Preliminary Oaths of Assistants.

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

.....

..... *Chainman.*

..... *Chainman.*

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

SEAL

.....

.....

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

.....

..... *Moundman.*

..... *Moundman.*

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

SEAL

.....

.....

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

.....

..... *Axman.*

..... *Axman.*

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

SEAL

.....

.....

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

..... *Flagman.*

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

SEAL

.....

.....

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INDEX DIAGRAM.

Township 25 S, *Range* 4 E.

6	5	4	3	2	1
				528	
7	8 535	9 532	10 527	11 523	12
	~~535~~	~~534~~	~~532~~	~~526~~	~~522B.~~
18	17 533	16 531	15 525	14 522a.	13
	~~533~~	~~532~~	~~530~~	~~525~~	
19	20	21 530	22 524	23 522	24
			~~529.~~	~~522~~	
30	29	28 529	27 521	26	25
			~~520~~	~~521~~	
31	32	33 519	34	35	36

Meanders Page

Preliminary Oaths of Assistants.

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

.....

..... , *Chainman.*

..... , *Chainman.*

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

SEAL

.....

.....

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

.....

..... , *Moundman.*

..... , *Moundman.*

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

SEAL

.....

.....

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

.....

..... , *Axman.*

..... , *Axman.*

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

SEAL

.....

.....

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

..... , *Flagman.*

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

SEAL

.....

.....

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INDEX DIAGRAM.

Township 3 N, *Range* 8 E

6	5 560	571 4	3	2	1
7	8 558	559 9	10	11	12
18	17 556	557 16 554	15 552	14 549	13 581
19	20	555 21	553 22	551 23	550 24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page

6—151

Preliminary Oaths of Assistants.

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

.....

....., *Chainman.*

....., *Chainman.*

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

SEAL

.....

.....

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

.....

....., *Moundman.*

....., *Moundman.*

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

SEAL

.....

.....

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

.....

....., *Axman.*

....., *Axman.*

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

SEAL

.....

.....

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

....., *Flagman.*

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

SEAL

.....

.....

BOOK A-237

INDEX DIAGRAM.

Township 3 N, *Range* 9 E.

6	5	4	3	2	1
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~~610~~	~~610~~	~~607~~	~~605~~	~~603~~	
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Meanders Page

6—151

Preliminary Oaths of Assistants.

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

..... *, Chainman.*

..... *, Chainman.*

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

SEAL

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

..... *, Moundman.*

..... *, Moundman.*

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

SEAL

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

..... *, Axman.*

..... *, Axman.*

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

SEAL

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

..... *, Flagman.*

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

SEAL

(4—679.)

31

K. F. B.

BOOK A-237

FIELD NOTES

OF THE SURVEY OF

The 1st Guide Meridian East

through

Townships No. 26 South,

Between Ranges Nos. 4 and 5 East.

Of the Salt Lake Meridian,

in the Territory of Utah,

AS SURVEYED BY

Adolphe Jessen and Augustin D. Ferron, U. S. Deputy Surveyors

Under ~~his~~ their Contract No. 187, dated June 30th 1892

Survey commenced November 21st, 1892

Survey completed November 21st, 1892

(8630—2,'00.) 6—151

BOOK A-237

Names and Duties of Assistants.

Jos. M. Murphey	Chairman
Wm. R. Neath	"
Henry McNamara	"
Peter Jorgensen	"
W. F. Christensen	Flagman
J. P. Jorgensen	"
J. P. Jensen	Chainman

BOOK A-237

INDEX DIAGRAM.

First Guide Meridian East

through Townships 26 S., bet. Ranges 4 and 5 E.

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Meanders Page.....

6—151

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A-237

PRELIMINARY OATHS OF ~~ASSISTANTS~~ Chainmen ~~IN SURVEY OF MINING CLAIM~~.

WE, Joseph M. Humphrey and Peter Jorgenson, Henry McKenna, Wm. R. Heath, do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length 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 Mining Claim of~~ of the Meridian Exterior and Subdivision lines in Tp. No. 26 S. R 4 E., Tp. 12 S. R 6 E., Tp. 13 S. R 5 E., Tp. 17 S. R 6 E. of the Salt Lake Base & Meridian, in the ~~known as the~~ ~~situate in~~ Territory of Utah ~~mining district~~, ~~County~~, ~~in Section~~, ~~Township No.~~ ~~26 South~~, ~~Range No.~~ ~~4 East~~.

Peter Jorgenson
Jos. M. Humphrey, **Chainman.**
Henry McKenna
Wm. R. Heath, **Chainman.**

Subscribed and sworn to by the above-named persons before me this 20th day of November, 1892.

Philip J. Schweber
Notary Public.

34 A

A237

[3.—PRELIMINARY OATH OF ~~AXEMEN~~ flagmen

We J. P. Jorgensen

and W. F. Christensen

do solemnly swear that we will well and truly perform the duties of ~~axemen~~ flagmen, ~~in the establishment of corners and other duties~~, according to instructions given us, and to the best of our skill and ability, in the survey of ~~the meridian~~ Exterior and Subdivision lines in Th. No 26 S. R 4 E. Th 12 S. R 6 E. Th 13 S. R 5 E. Th 17 S. R 6 E.

of the Salt Lake base and meridian in the Territory of Utah.

J. P. Jorgenson, ~~Axeman.~~ Flagman

W. F. Christensen ~~Axeman.~~ Flagman

Subscribed and sworn to before me this Twentieth day of November 1882

Philip J. Lewis
Notary Public

34B

A-237

[3.—PRELIMINARY OATH OF AXEMEN.]

~~We,~~ I, J. P. Jensen

and

do solemnly swear that we will well and truly perform the duties of axemen, in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of Meridian Exterior and Subdivision lines in Tp. 26 S. R 4 E., Tp. 12 S. R 6 E., Tp. 13 S. R 5 E. and Tp. 17 S. R 6 E.,

of the Salt Lake base and meridian in the Territory of Utah.

J. P. Jensen, Axeman.

, Axeman.

Subscribed and sworn to before me this twentieth day of November 1892

Philip D. Schreiber
Notary Public

34B

1st Guide Meridian East, through Tps. 26 S., bet. Rs. 4 & 5 E.

hair:

The following surveys under contract No. 87, dated June 30th 1892, were executed conformity with the "Manual of Corrected surveying Instructions" dated January 1st 890, in compliance with Special Instructions ccompanying said contract.—

urvey commenced November 21st 1892

oung & Sons Transit.

the Standard cor. to Tps. 25 S., R. 4 & 5 E.

Latitude 38° 35' 36" N. and Longitude 111° 27' 11" W. Nov. 20th 15 h. 12 m. astronomical time I take an observation of Polaris at its Western Elongation and find its magnetic bearing be N. 17° 10' W.

North end of needle 17° 10' East

The Azimuth from Table by interpolation is 1° 37' West

The difference is the variation 15° 33' East

lay off the azimuth to the East and ark the true Meridian so determined by driving a picket 5 chs. North of the Cor.

8 A. M. Nov. 21st I find the magnetic bearing of the true Meridian established ast night to be N. 15° 33' W. and running back and foresights, I find this to be the constant variation of the needle in this p., excepting where the needle was influced by local attraction. No diurnal ation was perceptible.

begin at the Standard Cor. to Tps. 25 S., R. 4 & 5 E. which is a grey sandstone firmly , marked and witnessed as described by S or General. Thence I measure

1st Guide Meridian East, through Tp. 26 S., bet. Rs. 4 & 5 E.

Chain

off West 8.01 chs. for convergency of Meridian
cording to special instructions.
At this point I set a sandstone 16" x 10" x 4",
1 ins. in the ground for closing cor. to Tps.
26 S., R. 4 & 5 E. marked C. C. on South
N. 6. grooves on E. W. and S. faces; and
a stone mound 1½ ft. high, 2½
base along side.—
Thence I run
South bet. Secs. 1 & 6
Var. 15° 33' E.
Descend.
22.40 Alamono Creek 4 lks. wide, 4 in. deep
N. E. in deep cañon.— Ascend.
34.00 Ridge 100 ft. high bears N. E. descend.
40.00 Set a sand stone 14 x 7 x 6 ins., 9 ins. in the
ground for ¼ Sec. Cor., marked ¼ on W.
raised a stone mound 1½ ft. high,
2 ft. base alongside pits impracticable
49.20 Gulch course N. E. 75 ft. deep ascend.
60.00 Ridge 200 ft. high, bears N. E.
Descend.
80.00 et a sandstone 15 x 10 x 4 ins.— 10 ins. in
ground, for Cor. to Secs. 1. 6. 7 & 12,
marked with 1 Notch on N. and 5 on
edges and raised a stone mound
1½ ft. high, and 2 ft. base alongside pits
impracticable.
Land— broken E. slope of Mountain
Soil 3rd rate, rocky.
Timber— scattering scrub pine and
as.
Mountainous land 80 chs.

---

outh bet. Secs. 7 & 12
Var. 15° 33' E.
Descend.
30.30 Trachyte boulder 5 x 5 x 4 ft. marked

1st Guide Meridian East, through Tps. 26 S., bet. Rs. 4 & 5

31.75	ulch 20 ft. deep, course N. E.
35.30	A pine 8 in. dia. on line I mark with 2 notches on N. & S. sides.
37.00	ulch 20 ft. deep, course N. W.
40.00	Set a Trachyte stone 16 x 9 x 7 ins. 10 ins. the ground for 1/4 Sec. Cor., marked 1/4 on W. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
67.50	Gulch 50 ft. deep, course N. E.
80.00	et a Trachyte stone 16 x 9 x 7 ins. 10 ins. the ground, for Cor. to Secs. 7, 12, 13 & 8 and marked with 2 notches on N. and 4 on S. edges, raised a stone 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From a pine 6 ins. dia. bears S. 70° E. 48 lks. marked T. 26 S., R. 5 E. S. 18, B. T. No other suitable tree within limit. and broken E. slope of Mountain oil - 2nd rate - rocky. Timber - scattering scrub pine & cedar. Mountainous on 80 chs. At this point variation has changed to 16° owing to local attraction.

outh bet. Secs. 13 & 18.
Var. 16° E. (change caused by local attraction)
Overbroken ground.

18.00	ulch 50 ft. deep, course N. 60° E.

Ascend.

40.00	et a Trachyte stone, 16 x 12 x 6 ins., 10 ins. the ground, for 1/4 Sec. Cor. marked 1/4 W. face and raised a stone mound 1 1/2 ft. high and 2 ft. base alongside. Pits impracticable. From which a 4 in. dia. beare N. 2° E. 11 lks. dist.

1st Guide Meridian East, through Tps. 26 S., bet. Rs. 4 & 5

arked 1/4 S. B. T. No other trees

48.00 Top of ridge bears E. & W. Descend.
Variation has changed to 19° 20' E.
caused by local attraction.
66.00 ch. 50 ft. deep, course N. E.
80.00 Set a Trachyte stone 18 x 10 x 9 ins. - 12 in
the ground, for Cor. to Secs. 13. 18. 19. & 24,
arked with 3 notches on N. and S.
dges, and raised a stone mound
1 1/2 ft. high, 2 ft. base alongside - Pits
practicable. From which a pine
0 ins. dia. bears N. 29° W. 51 lks. dist.,
marked T. 26 S. R. 4 E. S. 13 B. T. No othe
suitable trees within limit.
and - broken. East slope of Mountain
oil, 3rd rate - rocky.-
Timber - scattering scrub pine and
ountainous land 80 chs.

outh bet. Secs. 19 & 24
Var. 16° E. (change caused by local
attraction)
Ascend.
27.50 Ridge 70 ft. high bears N. E.
39.50 ch. 50 ft. deep, course N. E.
40:00 et a Trachyte stone 30 x 20 x 20 ins.,
22 ins. in the ground for 1/4 Sec. Cor.
arked 1/4 on W. face and raised
stone mound 1 1/2 ft. high, 2 ft.
alongside. Pits impracticable.
6.50 Gulch 200 ft. deep, course N. E.
64.50 " 75 " " " " "
71.50 " 200 " " " " "
80.00 Set a Trachyte stone 17 x 9 x 6 ins., 11 ins.
n the ground for Cor. to Secs. 19. 24.
5 & 30, marked with 4 notches on N.
and 2 on S. edges and raised a stone

1st Guide Meridian East, through Tps. 26 S., bet. Rs. 4 & 5 -

1½ ft. high, 2 ft. base alongside.
its impracticable.
Land - broken - East slope of Mountain.
oil 3rd rate - rocky.
Timber - scattering scrub pine and
Mountainous land 80 chs.

---

outh bet. Secs. 25 & 30.
Var. 16° E. (change caused by local
attraction)
Over broken ground.
9.25 ulch 75 ft. deep, course N. E.
10.85 A pine 15 ins. dia. on line, I mark.
2 notches on N. & S. sides.
40.00 et a Trachyte 10 x 10 x 6 ins., 6 ins. in
e ground for ¼ Sec. Cor. marked ¼ on
Et. face and raised a stone mound 1½
ft. high, 2 ft. base alongside. Pits
. From which a pine
6 ins. dia. bears S. 78° E. 14 lks. dist.
arked ¼ S. B. T. No other suitable
trees within limit.
65.00 A small lake 50 lks. West of line.
71.00 arden Creek 3 lks. wide, 4 ins. deep,
runs N. E. Ascend steep ridge.
75.50 Top of ridge 75 ft. high bears N. E.
80.00 et a Trachyte stone 15 x 10 x 5 ins., 10 ins.
in the ground, for Cor. to Secs. 25, 30, 31 &
36, marked 5 notches on N. and 1 on S.
and raised a stone mound 1½
, 2 ft. base alongside. Pits
practicable. From which a cedar
6 ins. dia., bears N. 25° E., 8 lks. dist.
marked T. 26 S. R. 5 E. S. 30 B. T.
A pine 12 ins. dia. bears S. 25° E. 26 lks.
dist. marked S. 31, T. 26 S. R. 5 E. B. T. No other suitable
trees within limit.
ast . Mountain

1st Guide Meridian East, through Tps. 26 S. bet. Rs. 4

Chain

oil 3rd rate - rocky.
Timber - scattering scrub pine and cedar
Mountainous land 80 chs.

outh bet. Secs. 31 & 36.
Var. 19° E. (change caused by local attraction)
Over broken ground.
22.00 Gulch 50 ft. deep, course N. E.
39.00
40.00 Set a Trachyte stone 16 X 8 X 6 ins., 10 ins. in the ground for 1/4 Sec. Cor. - marked 1/4 on W. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which a pine 5 ins. dia. bears N. 70° W. 180 lks. dist. marked 1/4 S. B. T.
A lake 2 chs. dia. bears N. 70° W. 250 dist.
67.50 Gulch 75 ft. deep, course N. 60° E.
72.50 " " " " N. 35° E.
80.00 Set a Trachyte stone 18 X 16 X 12 ins., 12 ins. in the ground for Cor. to Tps. 26 & 27 S., R. 4 & 5 E. marked with 6 notches on N. E. S. and W. edges and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which a cedar 10 ins. dia. bears N. 65° E. 21 lks. dist. marked T. 26 S. R. 5 E. S. 31 B. T. No other trees in limit.
Land - broken. East slope of Mountain
Soil - 3rd rate - rocky.
Timber - scattering pine and cedar.
Mountainous land 80 chs.
November 21st 1892.

v 6 miles of these lines run over mountainous land.

1st Guide Meridian East, through Tps. 26 S., bet. Rs. 4 & 5

General Description.

Township 26 S. Range 4 E. is partly situated on the E. slope of Thousand Lake Mountain, and contains a large number of small lakes. Grass is abundant and although having an altitude of over 7000 feet above sea-elevation, the ground will produce almost everything - wherever water can be brought. Township 26 S. Range 5 E. falls partly in what is called locally the "Middle Desert" and partly in the East Breaks of the Thousand Lake Mountain. The former part is suitable for agricultural purposes.

Augustus D. Ferron
U. S. Deputy Surveyor.
Adolphe Jessen
U. S. Deputy Sur

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PAGE

List of Names.

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

Final Oath of Assistants:

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

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

SEAL

.....

.....

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Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the ....., as are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....

U. S. Deputy Surveyor.

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

SEAL

.....

.....

Approval.

Office of the U. S. Surveyor General,

Salt Lake City Utah March 21, 1896

The foregoing field notes of the survey of the First Guide Meridian East Township 26 South between Ranges 4 & 5 East of the Salt Lake Base & Meridian Utah

executed by Adolphe Jesson and ~~executed by~~ Augustus D. Ferrow

under ~~his~~ their Contract No. 187, dated June 30th, 1893, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George W. Snow

U. S. Surveyor General.

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

.....

U. S. Surveyor General.

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No. 3.13.

BOOK A-237

FIELD NOTES

OF THE SURVEY OF

The South Boundary of
Township No. 26 South, Range No. 4 East,

Of the Salt Lake Meridian,

in the Territory of Utah

Adolphe Jessen AS SURVEYED BY
called Augustus D. Ferron, U. S. Deputy Surveyors

Under ~~his~~ their Contract No. 187, dated June 30th 1892

Survey commenced November 22nd, 1892.

Survey completed November 22nd, 1892.

(4679—2,'00.) 6—151

Names and Duties of Assistants.

Jos. M. Humphrey	Chainman
Henry McKenna	"
W. F. Christensen	Flagman
J. P. Jensen	Fireman

BOOK A-237

INDEX DIAGRAM.

South Boundary

Township 26 S., *Range* 4 E.

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Meanders Page

Preliminary Oaths of Assistants.

We, ...

.....

.....

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

.....

.....

.....

.....

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

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

.....

.....

We, ...

.....

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

.....

.....

.....

.....

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

.....*, Axeman.*

.....*, Axeman.*

.....

.....

.....

6—151

South Boundary of T. 26 S., R. 4 E.

hain

Survey commenced Nov. 22nd 1892
th a Young & Sons Transit At
to Tps. 26 & 27 S., R. 4 & 5 E.
heretofore described, in Latitude 38°
30' 23" N., & Longitude 111° 27' 11" W.; I
ake an observation of Polaris on its
Western Elongation, Nov. 21st 1892 at
15 h. 8 m. astronomical time and find its magnetic
bearing to be N. 17° 10' W.

North end of needle	17° 10' E.
The azimuth from table by interpolation is	1° 37' W.
The difference is the variation	15° 33' E.

lay off the azimuth to the East, and
mark the true Meridian so
determined by driving a picket 5 chs.
North of the cor.

~8 A. M. Nov. 22nd I find the
m bearing of the meridian
ablished last night to be N. 15° 33'
I also find this meridian to agree
with the line between Secs. 31 & 36, as
surveyed yesterday.
The Cor. to Tps. 26 & 27 S., R. 3 & 4 E.
being established, Therefore
from the Cor. to Tps. 26 & 27 S., R. 4 & 5
E. established by me yesterday, I run
West on true line, in accordance
my special instructions,
determining my West course by the
dian obtained by my observ
Polaris made last night.

From the Cor. to Tps. 26 & 27 S., R. 4 & 5
E. I run
West on true line bet. Secs. 1 & 36.
Var. 15° 33' E.

North Boundary of T. 26 S., R. 4 E.

Chains	
2.75	A pine 12 ins. dia. in line I mark with 2 notches on E. and W. sides. A gulch 50 ft. deep course N. E. Ascend.
40.00	Set a Trachyte stone 18 x 10 x 5 ins., 12 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face, and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. Variation changes here through local attraction to 14° 20' E.
48.00	Ridge 350 ft. high bears N. W. & S. E. Descend.
70.00	Enter flat covered with Artemisia.
80.00	Set a Trachyte stone 15 x 12 x 4 ins., 10 ins. in the ground for Cor. to Secs. 1. 2. 35 & 36 marked with 1 notch on E. and 5 on W. edges, and raised a stone mound 1 1/2 ft. high and 2 ft. base alongside. Pits impracticable. Land - mostly Mountainous. Soil 2nd rate. Timber - some scattering scrub pine and cedar. Mountainous land 70 chs.

	West on true line bet. Secs. 2 & 35. Var. 15° 33' E. Over Artemisia flat.
12.00	Ascend, Leave Artemisia.
40.00	Set a Trachyte stone 16 x 11 x 10 ins., 10 ins. in the ground for 1/4 Sec. Cor., marked 1/4 on N. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which an aspen 4 ins. dia. bears S. 5° E. 5 lks. dist. marked 1/4 S. B. T.

South Boundary of T. 26 S., R. 4 E.

80.00	Set a Trachyte stone, 18 x 10 x 8 ins., 12 in the ground, for Cor. to Secs. 2. 3. 34 35 marked with 2 notches on E. and 4 on W. edges and raised a stone 1½ ft. high and 2 ft. base alongside. Pits impracticable.
68.00 / 12.00	
	and - Mountainous
	oil - 1st and 2nd rate.
	Timber - very scattering aspen.
	Mountainous land 68 chs.
	West on true line bet. Secs. 3 & 34.
	Var. 15° 33' E.
	Gentle descent.
11.00	Gulch 50 ft. deep, course S. E.
18.00	Ridge 500 ft. high, bears N. & S.
	Descend.
25.00	Broad hollow, drains S. —
	A lake 6 chs. dia. bears S. 2 chs.
	Ascend.
37.60	Road bears N. W. & S. E.
40.00	Set a Trachyte stone 16 x 10 x 6 ins., 10 in the ground for ¼ Sec. Cor. marked ¼ on N. face and raised a mound 1½ ft. high, 2 ft. base de. Pits impracticable.
54.50	T of N. Spur of Ridge 100 ft.
	descend into a Kettle basin which
	N. E.
60.50	Round hollow 75 ft. deep, course N.
	Ascend.
71.50	Ridge 150 ft. high, bears N. E. and S. W.
	Descend
80.00	Set a Trachyte stone 18 x 11 x 6 ins., 12 in the ground for Cor. to Secs. 3. 4. 33 & 34 marked with 3 notches on E. and W. edges and raised a stone
	and 2 base

South Boundary of T. 26 S., R. 4 E.

Chains

alongside. Pits impracticable.
Land - mountainous.
Soil - 1st rate
Timber - scattering - aspen.
Mountainous land 80 chs.
November 22nd 1892.

[illegible] 58 chs of this line run over mountainous land.

Note - For General Description, see Subdivision notes of this Township.

Augustus D. Ferron
U. S. Dep. Surveyor.
Adolphe Jessen
U. S. Deputy Surveyor

List of Names.

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

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

.....Meridian, in ....., showing the respective capacities in which they acted:

.....

Final Oath of Assistants:

We hereby certify that we assisted .....

....., U. S. Deputy Surveyor, in surveying all those parts or portions of the .....

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

.....

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

SEAL

.....

.....

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BOOK A-237

Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the ....., as are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....

U. S. Deputy Surveyor.

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

SEAL

.....

.....

Approval.

Office of the U. S. Surveyor General,

Salt Lake City Utah March 21, 1896

The foregoing field notes of the survey of South Boundary of Township 26 South Range 4 East of the Salt Lake Base & Meridian Utah

..... executed by Adolphe Jessen and Augustus F. Lemon under ~~his~~ their Contract No. 187, dated June 30th, 1892, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George W. Snow

U. S. Surveyor General.

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

.....

U. S. Surveyor General.

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(4—679.)

59

59

BOOK A-237

FIELD NOTES

K.3.B.

OF THE SURVEY OF

The Subdivisions

of

Township No. 26 S., Range No. 4 E.

Of the Salt Lake Meridian,

in the Territory of Utah

AS SURVEYED BY

Adolphe Jessen and Augustus D. Ferron, U. S. Deputy Surveyors

Under ~~his~~ their Contract No. 187, dated June 30th, 1892

Survey commenced November 22nd, 1892.

Survey completed November 28th, 1892.

(8630—2,'00.) 6—151

53.36

29.00

20.82

BOOK A-237

Names and Duties of Assistants.

Jos. M. Humphrey	Chainman
Henry McKenna	"
N. P. Christensen	Flagman
J. P. Jensen	Axeman

BOOK A-237

INDEX DIAGRAM.

Township No 26 S., *Range* No. 4 E.,

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Meanders Page.....

Preliminary Oaths of Assistants.

We, ...

.....

.....

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

.....

.....

.....

.....

....., *Chainman.*

....., *Chainman.*

....., *Chainman.*

....., *Chainman.*

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

.....

.....

We, ...

.....

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

.....

.....

.....

.....

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

....., *Axeman.*

....., *Axeman.*

.....

.....

.....

Subdivisions of T. 26 S., R. 4 E.

urvey commenced November 22nd
892 with a Young & Sons Transit.
At 8.30 A.M. November 22nd, 1892, I
ace my transit on the cor. to Secs
1, 2, 35 & 36 on the S. Boundary of this
Tp. established by myself, I find the
magnetic bearing of the line bet.
Secs 1 & 36 to be N. 14° 27' E. which makes
Variation 15° 33' E. and as I have
not perceived any diurnal variation of
needle hitherto I take this for my
declination. At the above
, I turn an angle of 90° from the S.
Boundary of Sec. 36 as established by
, in accordance with instruction
. 128 & 129 manual of 1890 and run
N. 0°01' W. bet. Secs 35 & 36
Var. 15° 33' E.
Along flat covered with artemisia.
15.50 Ascend steep mountain side.
30.00 Top of same - thence on level
36.00 Descend ridge which bears N.W. & S.E.
40.00 at a Trachyte stone 14 x 8 x 6 ins. 9 ins.
the ground for 1/4 Sec. Cor. marked 1/4
W. face and raised a stone mound
1 1/2 ft. high, 2 ft. base alongside. Pits
impracticable.
5.00 Gulch 50 ft. deep, course S.E.
49.00 Conglomerate Knob bears E. 50 lks. dist.
65.00 ulch 50 ft. deep, course S.E.
80.00 at a Trachyte stone 16 x 10 x 7 ins., 10 ins.
the ground for cor. to Secs 25, 26, 35
& 36 marked with 1 notch on S. & E.
and raised a stone mound 1 1/2 ft.
igh, 2 ft. base alongside. Pits impract-
cable.
and - level and E. slope of Mountain
oil - 1st & 2nd rate
Dense Artemisia undergrowth on S. 15.50 chs.
Mountainous land 64.50 chs.

Subdivision of T. 26 S., R. 4 E.

Chains	
	East on random line bet. Secs. 25 & 36
	Var. 15° 33' East.
40.00	Set temp. ¼ Sec. cor.
79.84	Intersect E. Boundary of Tp. 18 lks. S. of cor. to Secs. 25 & 36 set by me
	Thence I run
	S. 89° 52' W. on true line bet. Secs. 25 & 36 changing the variation to 19° E. on account of local attraction.
5.00	Ridge bears N. E. & S. W.
39.92	Set Trachyte stone 24 x 20 x 10 ins., 18 ins. in the ground for ¼ Sec. cor. marked ¼ on N. face and raised a stone mound 1½ ft. high, and 2 ft. base alongside. Pits impracticable.
43.00	Lake 2 chs. in dia. bears S. 50 lks. dist.
79.84	The cor. to Secs. 25, 26, 35 & 36 —
	Land - East slope of Mountain.
	Soil - 2nd rate
	Timber - scattering pine and cedar
	Mountainous land 79.84 chs.

	N. 0° 01' W. bet. Secs. 25 & 26.
	Var. 15° 33' E.
30.00	Small spring 5 chs. E. of line
40.00	Set a Trachyte stone 18 x 10 x 10 ins., 12 ins. in the ground for ¼ Sec. cor. marked ¼ on W. face and raised a stone mound 1½ ft. high, 2 ft. base alongside Pits impracticable.
80.00	Set a Trachyte stone 24 x 18 x 10 ins., 18 ins. in the ground for cor. to Secs. 23, 24, 25 & 26 marked with 1 notch on E. & 2 on S. edges and raised a stone mound 1½ ft. high, 2 ft. base alongside - Pits impracticable.
	A pine 4 in. in dia. marked T. 26 S., R. 4 E. S. 25 B. T. bears S. 60 E. 120 lks. dist.

Subdivision of T. 26 S., R. 4 E.

and - E. slope of Mountain
oil - 2nd rate
Timber - scattering scrub pine & cedar
Mountainous land 80 chs.
November 22nd, 1892.

S 89°52' E. on random line bet. Secs. 24 & -
Var. 15°33' E.
40.00 et. temp. 1/4 Sec. cor.
80.10 Intersect E. Boundary of Tp. 18 lks. N.
cor. to Secs. 24 & 25 set by me
Thence I run
West on true line bet. Secs. 24 & 25 -
changing variation to 16° E. on
local attraction
15.00 ulch 200 ft. deep, course N. E.
0.00 et a Trachyte stone 30 x 14 x 18 ins., 21
ins. in the ground for 1/4 sec. cor.
1/4 on N. face and raised a stone mound
1 1/2 ft. high, 2 ft. base alongside. Pits
impracticable.
3.50 ulch 50 ft. deep, course N. E.
- 80.10 The cor. to Secs. 23. 24. 25 & 26
Land - E. slope of Mountain
Soil - 2nd rate
Timber - mostly burnt
Mountainous land 80.10 chs.

0°01' W. bet. Secs. 23 & 24.
Var. 15°33' E.
6.00 Small spring on line
25.88 Cedar 16 in. in dia. on line - 2 notches N & S
40.00 et a Trachyte stone 18 x 16 x 6 ins., 12 ins.
the ground for 1/4 Sec. cor. marked
1/4 on W. face and raised a stone
1 1/2 ft. high, 2 ft. base alongside. Pits
practicable.

Subdivision of T. 26 S., R. 4 E.

49.50 A Norway pine 28 in. in dia. on line I mark with 2 notches on N. & S. sides. Swamp 10 ch. in dia. bears W. 2 chs. dist.
78.60 Wagon road to Rock Springs bears S. 70° E. & S. 70° W.
80.00 Set a Trachyte stone 16 x 14 x 7 ins., 10 ins. for cor. to Secs. 13. 14. 23 & 24 with 1 notch on E. and 3 on S. edges and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits practicable.
Land - E. slope of mountain
Soil - 2nd rate
Timber - scattering pine and cedar.
Mountainous land 80 chs.

East on random line bet. Secs. 13 & 24
Var. 15° 33' E.
40.00 Set temp. ¼ Sec. cor.
79.62 Intersect E. Boundary of Tp. at cor. to Secs. 13 & 24. Thence Run West on true line bet. Secs. 13 & 24 changing variation to 16° E. on account of local attraction.
39.81 Set a Trachyte stone 15 x 12 x 5 ins., 10 ins. the ground for ¼ Sec. cor. marked ¼ N. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits practicable.
Pine 5 in. in dia. marked ¼ S. B. S. bears S. 49° W. 39 lks. dist. no other suitable trees within limit.
79.62 The cor. to Secs. 13. 14. 23 & 24.
Land - E. slope of mountain
Soil - 2nd rate
Timber - scattering pine & cedar
Mountainous land 79.62 chs.

Subdivision of T. 26 S., R. 2 E.

aina

. 0°01' W. bet. Secs. 13 & 14.
Var. 15°33' E.

.00 Ridge 100 ft. high bears N. 50° E. &
. 75° W.

25.00 Hollow 75 ft. deep, course N. E.; small
7 chs. below in hollow.

27.50 Ridge 75 ft. high bears N. E. & S. W.

36.50 ake 1 ch. in dia. bears E. 1 ch. dist.

40.00 et a Trachyte stone 18 x 12 x 8 ins., 12"
v the ground for 1/4 Sec. cor. marked
1/4 on W. face and raised a stone
1½ ft. high, 2 ft. base
alongside. Pits impracticable.

59.30 Wash in hollow, course N. 15 E.

60.20 lone pine bears W. 2 3 lks. dist.

64.00 Hollow, course N. 40° E. 6 chs. into
ake 3 chs. in dia.

5.40 mall Wash, course S. E. from
small lake 5 chs. W.

80.00 et a Trachyte stone 18 x 12 x 10 ins., 12"
in the ground for cor. to Secs. 11. 12. 13 & 14
with 4 notches on S. and 1 on E.
dges and raised a stone mound 1½ ft.
igh, 2 ft. base alongside. Pits
racticable.
and - E. slope of mountain.
oil - 2nd rate.
Timber - scattering scrub pine & cedar
Mountainous land on 80 chs.

East on a random line bet. Secs. 12 & 13.
Var. 15°33' E.

40.00 Set temp. 1/4 Sec. cor.

80.12 Intersect E. Boundary of Tp. 16 lks. N.
of cor. to Secs. 12 & 13. Thence I run
N. 89°53' W. on a true line bet. Secs.
12 & 13 changing the variation to 16°
account local attraction.

Subdivision of T. 26 S., R. 4 E.

Chains	
7.50	Enter dry lake bottom
9.50	Leave same
20.00	Gulch 70 ft. deep, course N. E.
32.50	Hollow 50 ft. deep, course N.
37.00	Small lake 1.25 chs. S. of line
40.00	Set a Trachyte stone 18×11×4 ins., 12" in ground for 1/4 Sec. cor. marked 1/4 on N. face raised a stone mound 1½ ft. high, 2 ft. alongside. Pits impracticable.
48.00	Small lake bears S. 50 lks. dist.
54.00	" " " " 70 " "
55.00	A cedar 6" in dia. on line I mark with 2 notches on E. & W. sides. Ridge 75 ft. high, bears N. & S.
70.00	Small lake bears N. 2.50 chs. dist.
70.60	A pine 4" in dia. on line which I mark with 2 notches on E. & W. sides.
80.12	The cor. to Secs. 11. 12. 13 & 14.
	Land - mountainous
	Soil - 2nd rate
	Timber - scattering pine & scrub cedar.
	Mountainous land on 80.12 chs.

N. 0°01' W. bet. Secs. 11 & 12.
Var. 15°33' E.

7.00	Ridge 50 ft. high bears N. E. & S. W.
20.00	Wash 10 ft. deep in hollow, course N. E.
25.50	Ridge 150 ft. high bears N. E. & S. W.
31.50	E. edge of small lake - Another lake 5 chs. in dia. bears W. 12 chs. dist.
40.00	Set a sandstone 12×10×8 ins., 8" in ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1½ ft. hi 2 ft. base alongside. Pits impracticable. A small lake bears N. 10° E. 3 chs. dist.
	" " " " N. 10° E. 4 " "
	" " " " N. 10° E. 5 " "
	" " " " West 15 " "

Subdivision of T. 26 S., R. 4 E.

Chains

62.00 ollow 40 ft. deep, course N. E.
71.60 Ridge 75 ft. high, bears N. E. & S. W.
77.75 alomon Cr., 5 lks. wide, 4 ins. deep (in cañon 80 ft. deep) course N. E.
80.00 On E. edge of ledge bearing N. & S., set tone 26x16x9 ins., 18" in the ground for cor. to Secs. 1, 2, 11 & 12 marked th 5 notches on S. and 1 on E. edges, and raised a stone mound 1½ ft. high 2 . base alongside. Pits impracticable and mountainous
oil – 2nd rate
Timber – scattering scrub pine & cedar
Mountainous Land on 80 chs.

. 89° 53' E. on a random line bet Secs 1 & 12.
Var. 15° 33' E.
40.00 et temp. ¼ Sec. cor.
80.22 ntersect E. Boundary of Tp. 3 lks. N. of cor. to Secs 1 & 12. Thence I run
. 89° 52' W. on true line bet. Secs 1 & 12
same var.
18.00 Ridge 75 ft. high bears N. E. & S. W.
40.11 Set a Trachyte stone 11x10x8 ins., 6" the ground for ¼ Sec. cor. marked ¼ N. face and raised a stone mound 1½ . high, 2 ft. base alongside. Pits practicable.
41.15 Gulch 30 ft. deep, course N. E.
60.00 Ridge 50 ft. high, bears N. E. & S. W.
60.10 ulch 50 ft. deep, course N. 15° E.
70.20 Ridge 35 ft. high, bears N. E. & S. W.
78.45 alomon Creek 5 lks. wide, 4" deep (in cañon 80 ft. deep) course N. E.
80.22 The cor. to Secs 1, 2, 11 & 12.
Land – E. slope of mountain.
Soil – 2nd rate.

See Note 1, p. 1. Correction Notes

BOOK A-237

Subdivision of T. 26 S., R. 4 E.

Ch

Timber - scattering scrub pine &
Mountainous land on 80. 22 chs.

N. 0° 01' W. on true line bet. Secs 1 & 2.
Var. 15° 33' E.
4.75 Gulch 30 ft. deep, course E.
9.60 Ridge 70 ft. high, bears E. & W.
14.00 ch 75 ft. deep, course E.
40.00 set a sandstone 16 x 11 x 7 ins., 11" in the for 1/4 Sec. cor. marked 1/4 on W. ace and raised a stone mound 1 1/2 high, 2 ft. base alongside. Pits practicable.
65.00 Gulch 100 ft. deep, course S. E.
80.42 Intersect the 5th Standard Parallel S. .90 chs. W. of the Standard cor. to Secs 35 & 36 in Tp. 25 S., R. 4 E., which is a sandstone 18 x 14 x 12 ins., firmly set in the ground with stone mound along- set a sandstone 11 x 10 x 7 ins., 6" the ground at point of for closing cor. to Secs 1 & 2 marked C. C. and 1 groove on E. and 5 W. faces and raised a stone 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
Land - E. slope of high mountain.
Soil - 2nd rate
Timber - a few scattering pine &
Mountainous land on 80. 42 chs.
November 23rd 1892.

Nov. 23rd 15 h. astronomical time I observed Polaris on its W. Elongation at the cor. to Secs 2. 3. 34 & 35 on S. Boundary of Tp., find its magnetic bearing to be N. 17° 10' W.

Subdivision of T. 26 S., R. 4 E.

Chains

V. end of needle 17° 10' E.
The azimuth is 1° 37' W.
The diff. is the var. 15° 33' E.
l off the azimuth to the E. and
a picket 5 chs. N. of cor. to mark
true meridian.
At 8.30 A.M. Nov. 24th 1892, I set
over the cor. to Secs. 34
5 on the S. Boundary of this Tp.
d by me in this survey
over the line E. on S. Boundary of
ec. 35 and find its magnetic
be to be N. 74° 27' E. which
the magnetic variation 15° 33'
E. with which the variation of my
d meridian agrees. Thence I
0° 01' W. bet. Secs. 34 & 35.
Var. 15° 33' E.
Ascend.
6.00 Ridge spur 100 ft. high bears N.E. & S.
19.00 ully 20 ft. deep, course E.
40.00 Set a Trachyte stone 12 x 10 x 6 ins., 8
the ground for 1/4 Sec. cor., marked 1/4
W. face and raised a stone mound 1 1/2
ft. high, 2 ft. base alongside. Pits
racticable.
40.50 ulch 100 ft. deep, course S. E.
60.50 " " " " " Ascend.
80.00 et a Trachyte stone 15 x 10 x 6 ins., 10 ins.
the ground for cor. to Secs. 26. 27. 34 &
35 marked with 2 notches on E. and 1
on S. edges and raised a stone mound
1 1/2 ft. high, 2 ft. base alongside. Pits
practicable.
and - mountainous
oil - 2nd rate
Timber - scattering aspen
Mountainous land 80 chs.

BOOK A-237

Subdivision of T. 26 S., R. 4 E.

East on a random line bet. Secs. 26 & 35 -
Var. 15° 33' E.
40.00 Set temp. 1/4 sec. cor.
80.18 Intersect N. & S. line 22 lks. S. of cor.
secs. 25. 26. 35 & 36 - Thence I run
S. 89° 57' W. on a true line bet. Secs. 26 & 35
with the same Var.
35.00 Broad Ridge 500 ft. high, bears N.W. & S.
40.09 a Trachyte stone 14 x 12 x 8 ins., 9 ins.
the ground for 1/4 Sec. cor., marked 1/4
on N. face and raised a stone mound
1/2 ft. high 2 ft. base alongside. Pits
acticable.
55.00 Hollow 50 ft. deep - course S. E.
76.00 Ridge 50 ft. high bears N.W. & S. E.
80.18 The cor to Secs. 26. 27. 34 & 35.
and - mountainous
oil - 2nd rate
Timber - scattering aspen
Mountainous land 80.18 chs.

N. 0° 01' W. bet. Secs. 26 & 27
Var. 15° 33' E.
12.00 Ridge 75 ft. high bears N.W. & S. E.
30.00 Hollow 75 ft. deep, course S. E.
Ascend.
40.00 Set a Trachyte stone 16 x 10 x 10 ins., 10 ins.
in the ground for 1/4 Sec. cor. marked 1/4
- face and raised a stone mound 1 1/2 ft.
gh, 2 ft. base alongside. Pits
impracticable.
67.00 Ridge 700 ft. high bears S.W. & S. E.
80.00 Marked a stationary Trachyte stone
48 x 48 x 16 ins. above ground with a
cross (+) at cor. point and 2 notches on
E. & S. edges for cor. to Secs. 22. 23. 26 & 27
and raised a stone mound 1 1/2 ft.
2 ft. base alon de. Pits impracticable.

Subdivision of T. 26 S., R. 4 E.

A pine 16 ins. in dia. marked T. 26 S., R. 4 E. S. 26 B. T. bears S. 50° E. 32 lks. dist. no other suitable trees within limit.
Land - E. slope of mountain
oil - 2nd rate
Timber - scattering pine & aspen.
Mountainous land 80 chs.

. 89° 51' E. on a random line bet. ecs 23 & 26.
Var. 15° 33' E.
0.00 Set temp. 1/4 Sec. cor.
80.10 Intersect N. & S. line 18 lks. N. of cor. to ecs 23. 24. 25 & 26. Thence I run .89° 59' W. on a true line bet. Secs 23 & 26 with the same var. — Ascend N. E. slope.
0.05 at a Trachyte stone 18 x 14 x 12 ins., 12 in the ground for 1/4 Sec. cor. arked 1/4 on N. face and raised a mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
— 80.10 The cor. to Secs 22. 23. 26 & 27.
d - E. slope of high mountain
oil - 2nd rate
Timber - scattering aspen
Mountainous land 80.10 chs.

See note 1, p. 1 Corr. Index.

. 0° 01' W. bet. Secs 22 & 23.
Var. 15° 33' E.
37.15 Road bears N. E. & S. W. A lake 10 chs. in dia. bears E. 15 chs. dist.
40.00 at a Trachyte stone 15 x 10 x 8 ins., 10 ins. the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1 1/2 [illegible] gh, 2 [illegible] base [illegible] side. Pits

Subdivision of T. 26 S., R. 4 E.

Chains	
	impracticable.
	A pine 20 ins. in dia. marked 1/4 S.
	B. T. bears S. 30° E. 51 lks. dist. No other
	suitable trees within limit.
46.00	W. side of Johnson's Cabin (not occupied)
46.70	Johnson's Creek 5 lks. wide 4 ins.
	deep, course N. E. in cañon 75 ft. deep.
46.75	A corral bears W. 2 chs. dist.
	A lake 5 chs. in dia. bears S. W. 1 ch. dist.
	N. E. 15
72.00	W. edge of lake 3 chs. in dia.
80.00	Set a Trachyte stone 14 X 10 X 6 ins., 9 ins.
	in the ground for cor. to sec. 14. 15. 22 &
	23 marked with 2 notches on E. & 3 on S.
	edges and raised a stone mound 1 1/2 ft.
	high, 2 ft. base alongside. Pits
	impracticable.
	Land - mountainous
	Soil - 2nd rate
	Timber - scattering pine
	Mountainous land 80 chs.
	N. 89° 59' E. on a random line bet.
	Secs. 14 & 23.
	Var. 15° 33' E.
40.00	Set temp. 1/4 Sec. cor.
80.08	Intersect N. & S. line 3 lks. N. of cor. to
	Secs. 13. 14. 23 & 24. Thence I run
	W. on true line bet. Secs. 14 & 23 with
	same Var.
12.50	A lake 8 chs. in dia. bears N. 10 chs. dist.
17.00	Small lake bears N. 7 chs. dist.
19.00	Ridge 50 ft. high bears N. E. & S. W.
25.00	Lake 2.50 chs. in dia. bears N. 15 chs. d
40.04	Set a Trachyte stone 18 X 12 X 6 ins., 12 ins.
	in the ground for 1/4 Sec. cor. marked 1/4
	on N. face and raised a stone mound 1 1/2
	high, 2 ft. base. de. Pits

See Note 1, p. 1 Corr. notes.

Subdivision of T. 26 S., R. 4 E.

cable.
43.50 Johnson's Creek, course N. E.
65.00 small lake 8 chs. N. of line
69.40 one Norway pine 15 lks. S. of line
70.00 Ridge 100 ft. high, bears N. E. & S.
80.08 The cor. to Secs. 14. 15. 22 & 23.
and - E. slope of mountain
oil - 2nd rate.
timber - scattering pine & cedar
Mountainous land on 80.08 chs.
November 24th 1892.

0°01' W. bet. Secs. 14 & 15
Var. 15°33' E.
20.00 A lake 7 chs. wide 15 chs. long, 20 chs. W. of line
36.00 Small spring, branch, course N. W.
40.00 Set a Trachyte stone 15 x 10 x 8 ins., 0" in the ground for 1/4 Sec. cor. - 1/4 on W. face and raised a mound 1 1/2 ft. high, 2 ft. alongside. Pits impracticable. A pine 18 ins. in dia. marked 1/4 S. B. T. bears N. 10° E. 1.75 chs. dist. 0 other trees in limit.
63.00 Wash, course N. W.
77.00 Small corral 3 chs. E.
80.00 Set a Trachyte stone 18 x 10 x 10 ins., 2" in the ground for cor. to Secs. 10. 11. 14 & 15 marked with 2 notches on E. & 4 on S. edges, and raised a stone mound 1 1/2 ft. high, 2 ft. alongside. Pits impracticable.
and - mountainous.
Soil - 2nd rate.
Timber - scattering pine and cedar
Mountainous land on 80 chs.

Subdivision of T. 26 S., R. 4 E.

Chains	
	East on a random line bet. Secs 11 & 14.
	Var. 15°33' E.
40.00	Set temp. 1/4 Sec. cor.
79.84	Intersect N. & S. line 17 lks. N. of cor. Secs 11.12.13 & 14 - Thence I run N. 89°53' W. on true line bet. Secs 11 & 14 with same var.
See Note 1. p. 1. Corr. notes. 6.50	A pine 24" in dia. on line I mark with 2 notches on E. & W. sides. A lake 1 ch. in dia. bears S. 5 chs. dist.
22.00	Ridge 150 ft. high bears N. 10° E. & S. 10° W.
30.15	Wash, course N. E. into lake
31.00	A lake 3 chs. in dia. bears N. 2.50 chs. dist.
36.50	A lake 1 ch. in dia. bears S. 2.50 chs.
39.92.	Set a Trachyte stone 14 x 9 x 6 ins., 9" in the ground for 1/4 Sec. cor. marked 1/4 on N. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. A lake 1 ch. in dia. bears N. 1.50 ch.
49.00	Circle Hollow heads S.W. course N. 2. Ascend Round Hill.
59.00	Top of Lava Hill from which: A lake 3 chs. in dia. bears N. 10 chs.
	" " 5 " " " " N. 55° E. 13 " "
	" " 1 " " " " S. 3 " "
	Descend
See Co. 63.00	Foot of Lava Hill. Wash, course N.
75.00	Wash, course N.
78.00	" " "
79.84	The cor. to Secs 10.11.14 & 15 - Land - E. slope of mountain. Soil - 2nd rate Timber - scrub pine and cedar. Mountainous land 79.84 chs.

Subdivision of T. 26 S., R. 4 E.

Ch

V. 0° 01' W. bet. Secs 10 & 11.
Var. 15° 33' E.

1.40 alomon br. 3 lks. wide 4 in. deep
course N. E. in gulch.
10.80 Fence bears N. W. & S. E.
Enter B. Iver's meadow.
11.00 Irrigating ditch runs N. W.
14.60 Fence & ditch, course N. E.
Leave meadow.
35.00 mall hollow, course E.
40.00 a Trachyte stone 16 x 16 x 14 ins.,
sins. in the ground for 1/4 Sec.
cor. marked 1/4 on W. face and
a stone mound 1 1/2 ft.
2 ft. base alongside. Pits
impracticable
46.00 N. W. cor. of field 2 chs. E.
54.25 Road bears N. W. & S. E.
64.00 ch 30 ft. deep, course S. E.
74.00 Ridge 30 ft. high, bears N. W. & S. E.
80.00 et a sandstone 20 x 18 x 8 ins., 15"
the ground for cor. to Secs. 2. 3.
10 & 11, marked with 2 notches on E.
and 5 on S. edges and raised a
stone mound 1 1/2 ft. high, 2 ft.
ase alongside. Pits impractic
pine 6" in dia. marked
T. 26 S., R. 4 E. S. 10 B. T. bears S. 85°
49 lks. dist.
A cedar 10" in dia. marked
T. 26 S., R. 4 E. S. 2 B. T. bears N. 60° E.
23 lks. dist.
A 5" in dia. marked T. 26 S. R. 4 E. S. 11
S. 55° E. 37 1/2 lks. dist.

76.20
3.50

Land - mostly S. E. slope of mountain
Soil - 3rd rate.
Timber - scattering scrub pine &
Mountainous land - 76.20 chs.

Subdivision of T. 26 S., R. 4 E.

Chain

S. 89° 53' E. on a random line bet. Secs. 2 & 11

Var. 15° 33' E.

40.00 set temp. 1/4 Sec. cor.

79.90 intersect N. & S. line 16 lks. S. of cor. to secs. 1, 2, 11 & 12. Thence I run

See Note 1, p. Corr. Sales

West on true line bet. Secs. 2 & 11 with same

Ascend.

16.00 Descend from rocky ledge

B. Iver's house bears S. 62° W.

8.80 along on lr. 5 lks. wide 6" deep, course S.

24.50 Fence bears N. & S. Enter field.

29.00 along on lr. 5 lks. wide 6" deep, course N. E.

39.95 set sandstone 18 x 12 x 8 ins., 12" in the for 1/4 Sec. cor. marked 1/4 on N. f raised a stone mound 1 1/2 ft. ft. base alongside. Pits impracti

B. Iver's house bears S. 33° 30' W.

4.00 Irrigating ditch runs N. E. leave

Ascend

55.00 N. end of fence bears S.

69.70 Gulch 50 ft. deep, course S. E.

79.90 The cor. to Secs. 2, 3, 10 & 11.

Land - mountainous

54.70 Soil - 2nd rate

25.70 Timber - dense undergrowth on 19.70

Mountainous land on 54.70 chs.

S. 0° 01' W. on a true line bet. Secs. 2 & 3.

Var. 15° 33' E.

3.75 Gulch, course S. 65° E.

Ascend broken cedar hills.

29.00 Ridge spur 75 ft. high bears S. E. & N. W.

40.00 Set a sandstone 16 x 10 x 7 ins., 11" in the round for 1/4 Sec. cor. marked 1/4 on W. face, & aised a stone mound 1 1/2 ft. high, 2 ft. alongside. Pits im ticable.

Subdivision of T. 26 S., R. 4 E.

45.80 ulch 70 ft. deep course S. E.
66.20 " 100 " " " "
Ascend steep sandstone bluffs bear S. E.
68.00 Top of same 300 ft. high.
80.46 Intersect the 35th Standard Parallel 7.82 chs. W. of the Standard cor. to Secs 34 & 35 - T. 25 S. R. 4 E., which is a grey sandstone firmly set, marked and witnessed as described by the Surveyor General where I set a sandstone 10x10x9 ins., 6 ins. in the ground for closing cor. to Secs 2 & 3 marked C. C. & 2 grooves on E. & 4 on W. faces and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
and - S. E. slope of mountain.
Soil - 3rd rate
Timber - a few scrub cedar & pine.
Mountainous land 80.46 chs.
November 25th, 1892.

Nov. 25th, 14 h. 52 m. astronomical, I take an observation of Polaris its W. Elongation at the cor. to secs 3. 4. 33 & 34 on S. Boundary of Tp. and find its magnetic bearing to be N. 17° 10' W.
N. end of needle 17° 10' E.
The azimuth is 1° 37' W.
The diff. is the var. 15° 33' E.
lay off the azimuth to the E. & drive a picket 5 chs. N. of cor. to mark the true meridian.
At 8.30 A.M. Nov. 26th 1892, I set my over the cor. to Secs 33 & 34 on S. Boundary of this Tp. established me in this - and find the

Subdivision of T. 20 S., R. 4 E.

Chains	
	magnetic bearing of the line on S. Boundary of Sec. 3 to be N. 74°27' E. which makes the var. on the line to be 15°33' with which the var. of my observed meridian agrees.
	Thence I run
	N. 0°02' W. on line bet. Secs 33 & 34
	Var. 15°33' E.
30.00	Ravine 75 ft. deep, course E.
40.00	Set a Trachyte stone 16x12x8 ins., 11 ins. in the ground for ¼ sec. cor., marked ¼ on W. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
43.75	Road bears N. W. & S. E.
53.00	Ridge 300 ft. high bears E. & W.
66.00	Ravine 100 ft. deep, course E.
80.00	Set a Trachyte stone 10x9x8 ins., 6 ins. in the ground for cor. to Secs 27. 28. 33 & 34, marked with 1 notch on S. & 3 on E. edges and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
	Land - high mountains.
	Soil - 3rd rate
	Timber - scattering pine and aspen.
	Mountainous land 80 chs.
	East on a random line bet. Secs 27 & 34.
	Var. 15°33' E.
40.00	Set temp. ¼ Sec. cor.
50.40	Intersect N. & S. line at cor. to Secs 26. 27. 33 & 34 from which I run
	West on true line bet. Secs 27 & 34 with the same var.
10.00	Hollow 50 ft. deep, course S. 15° E.
	Ascend.
31.00	Ridge 500 ft. high bears N. & S.

Subdivision of T. 26 S., R. 4 E.

Descend

40.20 set a Trachyte stone 24 x 20 x 15 ins., 15 in the ground for 1/4 Sec. cor., mark 1/4 on N. face and raised a stone 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.

80.40 The cor. to Secs. 27. 28. 33 & 34.

Land - high mountains

Soil - 2nd rate

Timber - scattering pine & aspen.

Mountainous land 80.40 chs.

N. 0° 02' W. bet. Secs. 27 & 28

Var. 15° 33' E.

7.00 Ridge 200 ft. high bears N. E. & S. W.

22.00 Road from Rabbit Val. bears N. E. & S. W.

40.00 set a Trachyte stone 10 x 10 x 9 ins., 6 ins. the ground for 1/4 Sec. cor., marked 1/4 W. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.

45.00 Ridge spur 700 ft. high bears N. E. & S. W.

80.00 Set a Trachyte stone 11 x 9 x 7 ins., 6 ins. the ground for cor. to Secs. 21. 22. 27 & 28 marked with 3 notches on E. and 2 on S. edges and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.

Land - high mountains

Soil - 2nd rate

Timber - a few pines and some aspen brush

Mountainous land 80 chs.

Subdivision of T. 26 S., R. 4 E.

E. on a random line bet. Secs. 22 & 27
Var. 15° 33' E.

40.00 et temp. 1/4 Sec. cor.

80.28 intersected N. & S. line 38 lks. N. of cor. Secs. 22. 23. 26 & 27 from which I N. 89° 44' W. on true line bet. Secs. 22 & 27 with the same var.

See Note 1, p. 1 Corr. notes

28.00 Road bears N. E. & S. W. in cañon 60 ft. deep, course N. E.

40.14 et a Trachyte stone 11 x 10 x 9 ins., 6 ins. ground for 1/4 Sec. cor. marked 1/4 on N. face and raised a stone mound 1 1/2 high, 2 ft. base alongside. Pits practicable.

47.00 Ridge 100 ft. high bears N. E. & S. W.

67.50 Gulch 50 ft. deep, course N. E.

80.2 The cor. to Secs. 21. 22. 27 & 28

Land - high mountains.
oil - 2nd rate.
Timber - scattering aspen brush.
Mountainous land 80.25 chs.

N. 0° 02' W. bet. Secs. 21 & 22
Var. 15° 33' E.

8.30 Gulch 50 ft. deep, course N. E.

26.20 Ridge spur 75 ft. high bears N. E. & S. W.

34.00 Enter dense aspen brush.

40.00 Set a Trachyte stone 28 x 18 x 14 ins., 20 ins. in the ground for 1/4 Sec. cor., marked 1/4 on W. face, and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.

62.80. Leave aspen brush.

80.00 Set a trachyte stone 28 x 18 x 14 ins., 18 in the ground for cor. to Secs. 15. 16. 21 & 22, marked with 3 notches on E. & S. edges and raised a stone 1 1/2 ft. , 2 ft. base alongside. Pits

Subdivision of T. 26 S., R. 4 E.

Chains

ticable.
and - high mountains
oil - 3rd & 1st rate.
Timber - a few pines & dense aspen
brush on 28.80 chs.
Mountainous land 80 chs.
November 26th 1892.

S. 89° 44' E. on random line bet.
secs. 15 & 22.
Var. 15° 33' E.

40.00 et temp. 1/4 Sec. cor.

80.32 Intersect N. & S. line 9 lks. S. of cor. to
secs. 14. 15. 22 & 23 from which I run
N. 89° 48' W. on true line bet. Secs.
15 & 22 with the same var. in Note 1, p. 1 Corr. notes.

23.00 Bottom of small hollow, course N.
A lake 3 chs. in dia. 1.50 chs. N.
Ascend.

32.00 summit of steep ridge 100 ft. high
bears N. & S. W.
A mountain Mahogany 10" in dia.
I mark with 2 notches on E.
W. sides.

35.00 A small lake 9.75 chs. N.

37.00 " " " 6.50 " S.
Wash, course N.

40.16 et a Trachyte stone 21 x 8 x 6 ins., 15
in the ground for 1/4 Sec. cor.,
arked 1/4 on N. face and raised a
one mound 1 1/2 ft. high, 2 ft.
le. Pits impracticable.
A pine 6" in dia. marked 1/4 S. B. T.
bears N. 50° E. 23 lks. dist.

47.00 Hollow basin, course N.

50.10 A Norway pine 42" in dia. on line.
I mark with two notches on E. &
W. sides.

63.50 Trail bears N. & S.

BOOK A 237

Subdivision of T. 26 S, R. 4 E.

67.50 Enter aspen brush.
74.00 Leave same.
80.32 The cor. to Secs 15. 16. 21 & 22.
and - E. slope of mountain
Soil - 2nd rate
Timber - a few pines and dense
brush on 6.50 chs. -
land 80.32 chs.

N. 0° 02' W. bet. Secs 15 & 16.
Var. 15° 33' E.
9.25 - Enter aspen brush
19.50 Leave same
40.00 set a Trachyte stone 16 x 14 x 6 ins., 10
in the ground for 1/4 Sec. cor.
marked 1/4 on W. face and raised a
mound 1 1/2 ft. high 2 ft. base
de. Pits impracticable.
65.25 a 11" in dia. on line I mark
2 notches on N. & S. sides.
75.70 a pine 10" in dia. on line I mark
2 notches on N. & S. sides.
80.00 Set a Trachyte stone 14 x 12 x 6 ins., 9 ins.
the ground for cor. to Secs 9. 10. 15 &
6, marked with 3 notches on E. and
4 on S. edges and raised a stone mound
1 1/2 ft. high, 2 ft. base alongside. Pits
impracticable -
Land - E. slope of mountain
oil - 3rd & 1st rate.
Timber - a few pines and aspen
brush on 10.25 chs.
Mountainous land 80 chs.

Subdivision of T. 26 S., R. 4 E.

.89° 48' E. on random line bet. Secs. 10 & 15.
Var. 15° 33' E.
40.00 Set temp. 1/4 Sec. cor.
80.40 Intersect N. & S. line 44 lks. S. of cor. secs. 10. 11. 14 & 15 - from which I run .89° 53' W. on a true line bet. Secs. 10 & 15 the same var.
2.00 on Cr. 5 lks. wide 4" deep, course N. E. in gulch. Ascend.
40.20 et a Trachyte stone 12 x 8 x 6 ins., 8 in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
56.00 Trail bears N. & S.
64.50 Ridge spur 25 ft. high bears N. E.
80.40 The cor. to secs. 9. 10. 15 & 16.
Land - E. slope of mountain.
oil - 2nd rate
Timber - a few scattering pine.
Mountainous land 80.40 chs.

page 1
See note 1. page Cor. note 5

N. 0° 02' W. bet. Secs. 9 & 10
Var. 15° 33' E.
2.50 Spring Branch 3 lks. wide 4" deep in hollow, course E.
7.00 Ridge spur 50 ft. high bears E.
40.00 a Trachyte stone 16 x 16 x 7 ins., 11 in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a one mound 1 1/2 ft. high, 2 ft. de. Pits impracticable.
An aspen 6" in dia. marked 1/4 S. B. T. bears N. 27° W. 70 lks. dist.
0.80 pring Branch 3 lks. wide 4" deep, course E.
52.00 S 50 bears E. & W.

Subdivision of T. 26 S., R. 4 E.

Ch
60.00 Hollow, course E.
65.00 Ridge spur bears E.
68.00 Rocky Knoll 30 ft. high on line
80.00 Set a Trachyte stone 17 x 11 x 5 ins., 11 in the ground for cor. to Secs. 3. 4. 9 & 10, marked with 3 notches on E. & 5 on S. edges, and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
and E. slope of mountain
oil - 2nd rate
Timber - a few scattering pines
Mountainous land 80 chs.

N. 89° 53' E. on random line bet. Secs. 3 & 10
Var. 15° 33' E.
40.00 temp. ¼ Sec. cor.
80.10 Intersect N. & S. line 16 lks. N. of cor. Secs. 2. 3. 10 & 11 from which I run W. on true line bet. Secs. 3 & 10 with var.
19.85 Ridge 100 ft. high bears N. W. & S. E.
22.50 Hollow 100 ft. deep, course S. E.
25.26 A cedar 12" in dia. on line I mark wi. 2 notches on E. & W. sides.
31.00 Ridge 75 ft. high bears N. W. & S. E.
33.00 Hollow 30 ft. deep, course S. E.
38.50 Road bears N. W. & S. E.
40.05 Set Trachyte stone 16 x 10 x 8 ins., 10 in the ground for ¼ Sec. cor. ¼ on N. face and raised a stone mound 1½ ft. high, 2 ft. base along. Pits impracticable.
56.00 Ridge 75 ft. high, bears N. W. & S. E.
73.00 swamp at head of hollow, course S. E., bears S. 6 chs. dist.
74.75 Trail bears N. W. & S. E.

Note 1. Corr.

Subdivision of T. 26 S., R. 4 E.

ch
80.10 The cor. to Secs. 3. 4. 9 & 10.
and - E. slope of mountain
Soil - 2nd rate
imber - a few scrub pines.
Mountainous land 80.10 chs.

0° 02' W. on true line bet. Secs. 3 & 4
Var. 15° 33' E.
2.75 Trail bears N. W. & S. E.
28.15 oad from Fremont on Ridge Spur
00 ft. high bears E. & W.
39.00 Wash 10 ft. deep, course S. E.
40.00 et a sandstone 18 x 10 x 5 ins., 12" in
ground for 1/4 Sec. cor. marked 1/4
face and raised a stone mound 1 1/2
ft. high, 2 ft. base alongside. Pits
cable.
A pine 22" in dia. bears N. 15° E. 1.03
chs. dist. marked 1/4 S. B. T.
46.50 Hollow 75 ft. deep, course S. E.
teep ascent.
48.19 A cedar 6" in dia. on line I marked
with 2 notches on N. & S. sides.
56.75 fence of J. Iver's pasture bears N. W.
& S. E.
Ridge 500 ft. high bears E. & W.
65.50 Wash, course N. W.
78.00 Road bears N. E. & S. W.
79.98 ntersect 5th Standard Parallel
orth 5.10 chs. W. of the Standard
cor. to Secs. 33 & 34 T. 25 S., R. 4 E. -
where I set a Trachyte stone 16 x 11 x
7 ins., 10" in the ground for closing
cor. to Secs. 3 & 4 marked C. C. & 3
grooves on E. & W. faces and raised
a stone mound 1 1/2 ft. high, 2 ft.
alongside. Pits impracticable.
Land - S. slope of high mountain.

Subdivision of T. 26 S., R. 4 E.

oil - 3rd & 1st rate
Timber - scattering pine & cedar.
Mountainous land on 79.98 chs.
November 28th 1892.

Note. - I retrace the Standard Line along S. Boundary of Sec. 34 and the E. half to be 42.80 chs. which accounts for the difference in the above of the line bet. Secs 3 & 4 with aid Standard line.

32 miles 37.86 chs. of this line run over mountainous land

General Description.

The surveyed part of this a portion of the E. slope of the Thousand Lake Mountain. The surface is very broken but well-watered by small ponds or lakes and streams issuing therefrom, and will produce almost anything when irrigated. The land has an average about 7,300 ft. above sea-level. The unsurveyed part consists of high, barren, rocky mountains unfitable for agricultural or other purpose whatever.
James Ivers W. E. in Sec. 3 is irrigated from springs about a mile N. W. of claim.
B. Ivers W. E. in Sec. 11 can be irrigated from Salomon Creek.
The Johnson cabin in Sec. 23, is abandoned.

BOOK A-237

Subdivisions of Tp. 16 S., R. 4 E.

Chain

There are no other settlements in this township.

Augustus D. Perrin

U. S. Dep. Surveyor

"Correction" Notes BOOK A-237

Subdivisions Tp. 26 S., R. 4 E.

Note No.

1 In writing up my notes, I unfortunately got hold of a manual of 1890, in which the phrase "with same Va" was retained. The survey was made according to the "corrected Manual of 1890. It will be observed that where ever the variation changed in this survey on a return line, the change was noticed and the variation of such return line was given in degrees and minutes. So that the phrase "with same Va." can not mislead, as the variation given in the beginning of a mile, holds good for both random and true courses.

W. Hogan, Ernest Salmon, and Philip Schooler have left the Th.

Adolphe Jessen
Augustus D. Perron,
U. S. Dep. Surveyors

List of Names.

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

Final Oath of Assistants:

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

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

SEAL

.....

.....

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BOOK A-23

Final Oath of U. S. Deputy Surveyor.

I, _____, U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions received from _____, U. S. Surveyor General for _____, bearing date of the _____ day of _____, 18 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for _____, the surveying manual, and the laws of the United States, surveyed all those parts or portions of _____ _____ _____ _____ _____ _____ _____ Meridian, in the _____, as are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

_____
U. S. Deputy Surveyor.

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

SEAL

_____

_____

Approval.

Office of the U. S. Surveyor General,
Salt Lake City, Utah
March 21, 1896

The foregoing field notes of the survey of the subdivisions of Tp 26 South Range 4 East of the Salt Lake Base & Meridian, Utah _____ _____ _____ _____ _____ executed by Adolphe Jessen and Augustus J. Ferron under their Contract No. 187, dated June 30th, 1895, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George W. Snow
U. S. Surveyor General.

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

_____
U. S. Surveyor General.

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(4—879.)

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BOOK A-207

26.3.13.

FIELD NOTES

OF THE SURVEY OF

the

First Boundary

of

Township 12 S., Range No. 6 East

Of the Salt Lake Meridian,

in the Territory of Utah

Adolphus Jensen AS SURVEYED BY

Augustus F. Jensen, U. S. Deputy Surveyor,

Under his Contract No. 187, dated June 30th, 1892.

Survey commenced December 1st, 1892.

Survey completed December 1st, 1892.

H. 2.

B

Names and Duties of Assistants.

Joj M. Humphrey	Chainman
Henry McKenna	"
W. F. Christensen	Flagman
J. P. Jensen	Axeman

BOOK A-237

INDEX DIAGRAM.

(West Boundary

Township 12 S., Range 6 E.

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

Meanders Page

Preliminary Oaths of Assistants.

We, ...

.....

.....

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

.....

.....

.....

.....

....., *Chainman.*

....., *Chainman.*

....., *Chainman.*

....., *Chainman.*

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

.....

.....

We, ...

.....

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

.....

.....

.....

.....

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

....., *Axeman.*

....., *Axeman.*

.....

.....

.....

West Boundary of T. 12 S., R. 6 E.

Chains

urvey commenced Dec. 1st, 1892.
ccording to my special instructions I
hould first run the North Boundary o
this Township from existing cor. to Sec.
1. 3. 34 & 35, but as the line West from said
or. passes over impracticable ridges,
unsuitable for agricultural purposes, I go
to the cor. to Townships 12 & 13 S. R. 5 & 6 E. in
at. 39°43' N. and Long. 111°20' W. which is
tone firmly set, marked and witnessed a
described by the Surveyor General.
Over this cor. I set my transit Nov. 30th 189
14 h. 52 m. astronomical time and observe
olaris at its Western elongation and find
its magnetic bearing to be N. 17°55' W.
orth end of needle 17°55' E.
he azimuth is. 1°39' W.
The diff. is the variation 16° 16' E.
lay off the azimuth to the East and
drive a picket 5 chs. N. of cor. to mark th
ue meridian.
1 8 o'clock A. M. Dec. 1st 1892, I return to
he above cor. and find that the meridian
established last night has a magnetic
bearing of N. 16°16' W.
e variation is therefore 16°16' E. which I
find to be constant, no diurnal variation
ing perceptible, and which I adopt as
the average or mean variation in this
township.

From the above cor. I run
North bet. Secs 31 & 36
Var. 16°16' E.
ver East slope.
13.50 pring Creek 4 lks. wide, 3 ins. deep, course
E. in hollow 30 ft. deep.
30.70 Enter. timber.

West Boundary of T. 12 S. R. 6 E.

Chains

0.00 Set charred aspen post 4 ins. square, 4 ft. long, 2 ft. in the ground for 1/4 Sec. cor. marked 1/4 S. on W. face, from which
An aspen 4 ins. dia. bears N. 70° E. 30 lks. dist. marked 1/4 S. B.T.
An aspen 5 ins. dia. bears N. 15° E. 36 lks. dist. marked 1/4 S. B.T.

2.00 Ridge 250 ft. high, bears N. W. & S. E. Descen

48.50 Spring Creek 3 lks. wide, 1 ins. deep, course easterly in hollow 30 ft. deep.

57.00 Ridge 200 ft. high, bears N. W. & S. E.

61.00 Spring Creek 3 lks. wide, 3 ins. deep, course East in hollow 50 ft. deep.

77.20 Spring Creek 4 lks. wide, 3 ins. deep, co East in hollow 50 ft. deep.

80.00 Set charred aspen post 4 ins. square, 4 ft. long, 2 ft. in the ground for cor. to Secs. 5. 30. 31 & 36 marked with 1 notch on S. or and 5 on North edges and S. 31 T. 12 S. R. 6 E. on E. face, S. 30 on N. E. face, S. 36 on S. W. & S. 25 on N. W. face.
From which
An aspen 12 ins. dia. bears S. 2° E. 25 lks. marked S. 31 T. 12 S. R. 6 E. B.T.
aspen 14 ins. dia. bears S. 35° W. 15 l dist. marked S. 36 T. 12 S. R. 5 E. B.T.
aspen 10 ins. dia. bears N. 16° W. 14 lks. dist. marked S. 25 T. 12 S. R. 5 E. B.T.
aspen 8 ins. dia. bears N. 14° E. 9 lks. marked S. 30 T. 12 S. R. 6 E. B.T.
and high mountains.
oil - 1st rate
Timber - aspen and pine
Mountainous land 80 chs.

---

orth bet. Secs. 25 & 30.
Var. 16° 16' E.

27.50 Hollow 50 ft. deep, course East. Ascend.

40.00 a sandstone 20 x 10 x 3 ins. 15 ins. in th

West Boundary of T. 12 S. R. 6 E.

Chain

for 1/4 Sec. cor. marked 1/4 on West
ace and raised a stone mound 1 1/2 ft.
gh, 2 ft. base alongside. Pits
able. From which
aspen 14 ins. dia. bears N. 30° W. 20
dist. marked 1/4 S. B. T.
aspen 8 ins. dia. bears N. 45° E. 25
dist. marked 1/4 S. B. T.
50.00 Ridge 75 ft. high bears E. & W. Descend.
80.00 Set a sandstone 26 x 8 x 6 ins., 18 ins. in
ground for cor. to Secs. 19. 24. 25 & 30
marked with 2 notches on S. & 4 on N.
and raised a stone mound 1 1/2
, 2 ft. base alongside. Pits
acticable. From which
aspen 12 ins. dia. bears N. 10° W. 20
lks. dist. marked S. 24 T. 12 S. R. 5 E. B. 1.
aspen 8 ins. dia. bears N. 60° E. 15
dist. marked S. 19 T. 12 S. R. 6 E. B. 1.
o other suitable bearing trees in
it.
and - high mountains
Soil - 1st rate
umber - aspen and pine
Mountainous land 80 chs.
Dec. 1st, 1892.

3 miles of these lines run over mountainous land

Note. - For General Description, see
Subdivisions of this Township.

Adolphe Jessen
Augustus D. Ferron
U. S. Dep. Surveyors

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PAGE

List of Names.

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

Final Oath of Assistants:

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

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

SEAL

.....

.....

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BOOK A-237

Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the ....., as are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....

U. S. Deputy Surveyor.

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

SEAL

.....

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City Utah
March 21, 1896

The foregoing field notes of the survey of the West Boundary of Township 12 South Range 6 East of the Salt Lake Base & Meridian, Utah

..... executed by Adolphe Jessen & Augustus D. Lenon under ~~his~~ their Contract No. 187, dated June 30, 1892 having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George W. Snow

U. S. Surveyor General.

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

.....

U. S. Surveyor General.

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BOOK A-237

K.J.B.

FIELD NOTES

OF THE SURVEY OF

the

Subdivisions

of

Township No 12 S., Range No. 6 E.

Of the Salt Lake Meridian,

in the Territory of Utah

AS SURVEYED BY

Adolphe Jessen and Augustus D. Ferron, U. S. Deputy Surveyor,

Under ~~his~~ their Contract No. 187, dated June 30th, 1892

Survey commenced December 1st, 1892

Survey completed December 2nd, 1892

(5830—2,000.) 6—151

7-76-66

Names and Duties of Assistants.

Joseph M. Humphrey Chainman

Henry McKenzie "

N. G. Christensen Flagman

J. P. Jensen Axeman

BOOK A-237

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Meanders Page

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WE, ...

.....

.....

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

.....

.....

.....

.....

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

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

.....

.....

WE, ...

.....

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

.....

.....

.....

.....

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

.....*, Axeman.*

.....*, Axeman.*

.....

.....

.....

Subdivisions of T. 12 S. R. 6 E.

hain

urvey Commenced Dec. 1st 1892.
Previous to subdividing this
township I go to the S.W. cor.
of same, to compare the South
Boundary of the township wi
the meridian there est
I turn an angle of 90° E., and
East along South Boun
of Sec. 31. Var. 16° 16' E., At 38.2
chs. find ¼ Sec. cor. 2 lk. N. at
78.24 chs. find the cor. to Secs.
31 & 32. 1 lk. S. of my line. I then
continue East along South
Boundary Sec. 32 with same
iation. At 39.98 chs. find ¼
ec. cor. 1 lk. North. At 80.01 chs.
find the cor. to Secs. 32 & 33, 2
s North of my line. This
Boundary is therefore a true
East line.
From the cor. to Secs. 32 & 33 See Note 1, p. 1 of correction [illegible]
the South Boundary of this
township, which is a stone
set, marked and
ssed as described by the
urvey or General. I sight Wes
over the line bet. Secs. 5 and 32
and turn an angle of 90°
North, which gives the true
dian, thence I turn 3'
W. and run N 0° 03' W. bet. Secs.
32 & 33
Var. 16° 16' E.
1.25 Road bears N.W. and S.E.
5.00 Enter timber
7.00 Descend from flat top of mountain
ars W. & S.E.
40.00 et a sandstone 30 X 18 X 6 ins. 22 ins
the ground for ¼ Sec. cor.
arked ¼ on W. ace and raised

Subdivisions of T. 12 S. R. 6 E.

Chain

a mound of stone 1½ ft. high and 2 ft. base alongside.
Pits impracticable from which a Balsam 5 ins. in dia. bears N. 58° E. 8 lks. dist. marked ¼ S. B. T.
No other suitable bearing tree in limit.

50.50 Gulch 200 ft. deep course N. W.
57.00 Small Gulch course S. W.
80.00 On ridge 150 ft. high bears N. E. & S. W.
et a sandstone 11 x 9 x 8 ins. 7 ins. in the ground for cor. to Secs 28. 29. 32 & 33 marked with 1 notch on South and 4 on East edges and aised a mound of stone 1½ ft. high and 2 ft. base alongside.
Its impracticable.
No suitable bearing trees in it.
Land high mountains.
Soil 1st Rate.
Some Aspen and Pine on South part of line.
Mountainous land 80 chs.

N 0° 03' W. bet. Secs 28 & 29.
Var. 16° 16' E.
Descend
30.7 Gulch 50 ft. deep course S. W.
40.10 Set a sandstone 14 x 9 x 6 ins. 10 ins. in the ground for ¼ Sec. cor. marked ¼ on West face and aised a mound of stone 1½ ft. high 2 ft. base alongside.
Pits impracticable.
No suitable bearing trees in limit.
57.2 Ridge 250 ft. high bears N. E. & S. W.

Subdivisions of T. 12 S. R. 6 E.

Chains	
80.00	Set a sandstone 16x6x6 ins. 10 ins in the ground for cor. to Secs. 20, 21, 28 & 29. marked with 2 notches on South and 4 on East edges, and raised a mound of stone 1½ ft. high 2 ft. base alongside. Pits impracticable. No suitable bearing trees in limit. Land high mountains. Soil 1st Rate. Some Aspen and Pine timber. Mountainous land 80. chs.
	Note: On account of unavailable mountains I abandon the Survey North and East from this point.
	From the cor. to Secs. 31 & 32 on the South Boundary of this township which is a stone firmly set, marked and witnessed as described by the Surveyor General, I sight East over the line bet. Secs. 5 & 32 and turn an angle of 90° North which gives the true meridian. Thence I turn off 3' West and run N. 0° 03' West bet. Secs. 31 & 32. Var. 16° 16' E.
15.50	Wash Hollow 10 ft. deep course S. E.
30.50	Ridge 50 ft. high bears East and West.
35.00	Enter Timber.
40.00	Marked an Aspen tree 15 ins. dia. for ¼ Sec. cor. ¼ S. on W. face and raised a mound of stone 1½ ft. high

Subdivisions of T. 12 S. R. 6 E.

Chains	
	2 ft. base alongside.
	Pits impracticable.
	No suitable bearing trees in limit.
49.75	Gulch 50 ft. deep course N.W. a spring near head of same.
56.75	An Aspen 4 ins. dia. mkd 2 notches N & S
80.00	Marked an Aspen 5 ins. dia. with 1 notch on S. and 5 on E. sides. S. 30 T. 12 S. R. 6 E. on N.W. Sec. 29 on N.E. Sec. 32, on S.E. and Sec. 31 on S.W. sides, for cor. to Secs 29. 30. 31 & 32 and raised a mound of stone, 1½ ft. high and 2 ft. base alongside.
	Pits impracticable, from which an Aspen 4 ins. dia. bears N. 70° W. 12 lks. dist. marked S. 30 T. 12 S. R. 6 E. B. T.
	An Aspen 6 ins. dia. bears S. 40° W. 21 lks. dist. marked S. 31 T. 12 S. R. 6 E. B. T.
	No other suitable bearing trees in limit.
	Land high mountains.
	Soil 1st Rate.
	Some Aspen Timber.
	Mountainous land 80 chs.
	East on random line bet. Secs 29 & 32 Var. 16° 16' E.
40.00	Set temporary ¼ Sec. cor.
80.48	Intersect North and South line 36 lks N. of cor. to Secs 28. 29. 32 & 33 from which I run
	N. 89° 40' W. on a true line bet. Secs 29 & 32 with same variation.
20.00	Gulch 50 ft. deep course N.W.
40.24	Set a sandstone 10 x 9 x 8 ins. 6 ins. in

See Note 2, p. 1 of Corr. Notes

Subdivisions T. 12 S. R. 6 E.

the ground for 1/4 Sec. cor. marked
1/4 on N. face and raised arm
of stone 1½ ft. high and 2 ft. base
alongside. Pits impracticable.
No suitable bearing trees in limit.
43.30 Gulch 30 ft. deep course North.
80.4 The cor. to Secs. 29. 30. 31 & 32.
Land high mountains.
oil 2nd Rate, loam.
Some Aspen Timber.
ountainous land on 80.48 chs.

West on random line bet. Secs. 30
& 31.
Var. 16°16' E.
40.00 et temporary 1/4 Sec. cor.
77.90 Intersect West Boundary of T. 43
lks. N. of cor. to Secs. 30 & 31, from
which I run
N. 89°42' E. on true line bet. Secs. 30 &
31. With same variation.
Descend
28.00 Hollow 60 ft. deep course S. E.
37.90 Set a sandstone 11x10x9 ins. 7 ins.
the ground for 1/4 Sec. cor. marke
1/4 on N. face and raised a mou
of stone 1½ ft. high 2 ft. base
alongside. Pits impracticable
on which an Aspen 10 ins. dia.
ars N. 60° E. 41 lks. dist. marked
1/4 S. B. T.
An Aspen 8 ins. dia. bears S. 80° E.
62 lks. dist., marked 1/4 S. B. T.
48.75 Hollow 15 ft. deep course South.
70.10 Gooseberry Creek 20 lks. wide 16 ins
deep course N. E. in canon 500 ft.
deep.
77.90 The cor. to Secs. 29. 30. 31 & 32.

See note 2, p. 1 Corr. Notes

BOOK A-237

Subdivisions of T. 12 S. R. 6 E.

Ch.

Land high mountains.
oil 1st Rate. loam.
one Aspen and Pine Timber.
ountainous land on 77.90 chs.

Dec. 1st 1892.

0°3' W. bet. Secs. 29 & 30.
Var. 16°16' E.

6.00 ooseberry Creek 20 lks. wide 18'
deep, course N. E. in cañon 500
ft. deep.
Ascend

40.00 Set a sandstone 13 x 7 x 6 ins. 8 ins.
the ground for 1/4 Sec. cor.
marked 1/4 on West face and
aised a mound of stone 1½ ft.
high, 2 ft. base alongside.
Pits impracticable, from which
an Aspen 5 ins. dia. bears S. 7° W.
10 lks. dist. marked 1/4 S. B. T.

49.50 Ridge 500 ft. high bears N. E. & S.

62.75 Ridge 500 ft. high bears N. E. & S.

80.00 et a sandstone 20 x 18 x 4 ins. 15 ins
the ground for cor. to Secs.
19. 20. 29 & 30 marked with 2 not
on South and 5 on East edges
and raised a mound of stone
1½ ft. high, 2 ft. base alongside.
Pits impracticable, from whi
an Aspen 6 ins. dia. bears N. 35° E.
4 lks. dist. marked S. 20 T. 12 S.
R. 6 E. B. T.
No other suitable bearing trees
in limit.
and high mountains.
oil 1st Rate.
Some scattering Aspen Timber.
mountainous land 80 chs.

Subdivisions of T. 12 S. R. 6 E.

bars

89° 45' E. on random line bet.
Secs. 20 & 29.
Var. 16° 16' E.

40.00 set temporary ¼ Sec. cor.

80.18 Intersect North and South
4 lks. S. of cor. to Secs. 20.2.
28 & 29 from which I run
N. 89° 47' W. on a true line bet.
Secs. 20 & 29.
With same variation.

Note 2, p. 1, Corr. Notes.

6.49 Gooseberry Creek 20 lks. wide 15 ins.
deep, course N. E. in cañon 500
ft. deep.

35.50 small Hollow course South.

40.09 set a Sandstone 18 X 12 X 6 ins. 12
in the ground for ¼ Sec. cor.
marked ¼ on N. face, and
a mound of stone 1½ ft. high, 2 ft.
base alongside. Pits impractic
able. Suitable bearing trees within.

40.15 Hollow 50 ft. deep course South.

56.00 Ridge 400 ft. high bears N. E. and
S.

74.00 Hollow 25 ft. deep course N. E.

79.00 Ridge 75 ft. high bears N. E.

80.18 The cor. to Secs. 19, 20, 29 & 30.
Land high mountains.
Soil 1st Rate, loam.
one Aspen and Pine Timber.
Mountainous land 80.18 chs.

89° 42' W. on a random line
bet. Secs. 19 & 30.
Var. 16° 16' E.

0.00 Set temporary ¼ Sec. cor.

78.10 Intersect West Boundary of T. 2
S. of cor. to Secs. 19 & 30. from
which I run

BOOK A-237

Subdivisions of T. 12 S. R. 6 E.

Chains.

N. 89°51' E. on a true line bet. Secs 19 & 30.

With same variation.

See note 2, p. 1 of Corr. A

On broken N. slope.

31.70 Gulch 75 ft. deep course North.

8.10 et charred Aspen post 4 ins. sq. 4 ft. long, 2 ft. in the ground or 1/4 Sec. cor marked 1/4 S. on North face. from which an Aspen 18 ins. dia. bears N. 10° E. 8 lks. dist. marked 1/4 S. B. T.

An Aspen 18 ins. dia. bears S. 40° E. 25 lks. dist. marked 1/4 S. B. T.

71.00 Gulch 25 ft. deep course North East.

Ascend.

78.10 The cor. to Secs 19. 20. 29 & 30.

Land high mountains.

oil 1st Rate loam.

Some Aspen Timber.

ountainous land on 78.10 ch.

Dec. 2nd, 1892.

✓ miles 76.66 chs these lines run over mountainous land.

General Description.

The surveyed part of this township embraces some good grazing lands along Gooseberry Creek and adjoining hollows. Gooseberry Creek runs in a deep cañon in a North Easterly direction through the center the survey. The unsurveyed ortion of this township falls in broken and altogether unavailable mountains.

Subdivisions of T. 12 S. R. 6 E.

Sh

1. M. Turpins D. E. No. 3081 embra the S. E.^{4} Sec. 31 and W.^{2} of S. W.^{4} ec. 32 of this township. The ost of his entry lies in township adjoining on the South. He has made a ditch along the East line of his entry being 2 ft. wide and 12' deep; from Gooseberry Creek; besides having a Corral and other fencing in the township South.

Adolphe Jessen
Augustus D. Ferron
U. S. Deputy Surveyors.

BOOK A-237

"Correction Notes"

Subdivisions Tp. 12 S., R. 6 E.

Note No.

1 The reason I commence at the cor. to Sections 32 & 33 the S. B'y of this Tp. is because all the land East of this cor. consists of high, broken and altogether available mountains. —

2 In writing up my notes, I unfortunately got hold of manual of 1890 in which the phrase "with same va." retained. The survey was made according to corrected" manual of 1890. It will be observed that ever the variation changed in this survey on a line, the change was noticed and the vari of such return line was given in degrees and minutes. & that the phrase "with same va" can not mislead as the variation given in the beginning of the mile good for both random and true courses.

Adolphe Jessen
Augustus D. Perron
U. S. Dep. Surveyors.

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List of Names.

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

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

..... Meridian, in ....., showing the respective capacities in which they acted:

Final Oath of Assistants:

We hereby certify that we assisted .....

....., U. S. Deputy Surveyor, in surveying all those parts or portions of the .....

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

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

SEAL

.....

.....

BOOK A-

Final Oath of U. S. Deputy Surveyor.

I, _____, U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions received from _____, U. S. Surveyor General for _____, bearing date of the _____ day of _____, 18 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for _____, the surveying manual, and the laws of the United States, surveyed all those parts or portions of _____ _____ _____ _____ _____ Meridian, in the _____, as are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

_____

U. S. Deputy Surveyor.

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

SEAL

_____

_____

Approval.

Office of the U. S. Surveyor General,
Salt Lake City Utah
March 21, 1896

The foregoing field notes of the survey of the Sub-divisions of Township 1 72 South Range 6 East of the Salt Lake B & Meridian, Utah _____ _____ _____ _____ _____ executed by Adolphe Jensen and Augustus F. Ferron under their Contract No. 189, dated June 30th, 1892 having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George W. Snow

U. S. Surveyor General.

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

_____

U. S. Surveyor General.

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BOOK A-237

No 3.13.

FIELD NOTES

OF THE SURVEY OF

the

North Boundary

of

Township No. 13 S., Range 5 E.

Of the Salt Lake Meridian,

in the Territory of Utah

AS SURVEYED BY

Adolphe Jessen and Augustus D. Ferron, U. S. Deputy Surveyors

Under ~~his~~ their Contract No. 187, dated June 30th, 1892.

Survey commenced December 2nd, 1892.

Survey completed " 2nd, 1892.

(FOL—2/00) 6—151

#4 4L 401

BOOK

Names and Duties of Assistants.

Jas M. Humphrey	Chainman
Henry McKenna	"
W. F. Christensen	Flagman
S. P. Jensen	Fireman

BOOK A-237

INDEX DIAGRAM.

N. Boundary

Township 13 S., *Range* 5 E.

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31	32	33	34	35	36

Meanders Page

Preliminary Oaths of Assistants.

We, ...

.....

.....

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

.....

.....

.....

.....

....., *Chainman.*

....., *Chainman.*

....., *Chainman.*

....., *Chainman.*

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

.....

.....

We, ...

.....

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

.....

.....

.....

.....

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

....., *Axeman.*

....., *Axeman.*

.....

.....

.....

North Boundary of T. 13 S., R. 5 E.

Survey commenced Dec. 2nd 1892.
At 12:30 P.M. on the above date, I
instrument over the cor. to Tps.
1 & 13 S., R. 5 & 6 E. right over the
Meridian established there by me
on the night of Nov. 30th and find
it to have a magnetic bearing of
N. 16°16' W. As this agrees with
ner observation, there is
apparently no diurnal vari --
at this season.
off an angle of 90° to the W
my meridian, and from
said cor., run West on a
line with a var. of 16°16' E. setting
temporary 1/2 mile & mile cors.
40 & 80 che. till I reach the 1/4
Sec. cor. point bet. Secs 3 & 34
sozed to have been established
in 1856 but which I fail to find.
I set a temp. cor. and continue
West=
I fail to find the cor. to Secs 3.4.
33 & 34, and the 1/4 Sec. cor. bet.
ecs 4 & 33 which were both
supposed to have been established
in 1856.
I set temporary corners.
aid survey of 1856 represents
, corners as being in S
Valley - whereas in fact I fi
these points located high up in
Wasatch Mountains - This
some explanation.
There are two surveys of portions of
township on file at the Survey
General's office.
The first purports to have been
made by Charles Mogo in 1856,
the second was made

North Boundary of T. 13 S., R. 5 E.

Chains

in 1871.
It was then impossible to find any traces of the original survey of 1856, in this township.
I was compelled to go into the township South for starting.
And when I extended the lines T. 13 S. R. 5 E. in accordance with a number of indubitable government corners then existing,
the topography did not agree by two miles or more with the notes & plats returned in the survey of 1856.
This explains why no traces of corners or other markings reported survey in this township could be found and why no corners on the North Boundary of Secs 3 & 4 in this Tp. now exist or ever existed.
I therefore continue my random line West, setting temp. cors. to the 1/4 Sec. cor. bet. Secs 5 & 32, which is a sandstone firmly set, marked & witnessed as described by the Surveyor General.
I find the line to be 4 miles 41.40 chs. long and intersecting at said 1/4 Sec. cor. I therefore run
East on a true line bet. Secs 5 & 32
Var. 16° 16' E.

— 41.40 Set charred aspen post 4" square 4 ft. long with marked stone, 2 1/2 ft. in the ground for cor. to Secs 4. 5. 32 & 33 marked with 4 notches on E. & 2 on W. edges, and S. 33 T. 12 S. R. 5 E. on N. E., S. 32 on N. W., S. 5 T. 13 S. R. 5 E. on S. W. and S. 4 on S. E. acc, dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound

North Boundary of T. 13 S., R. 5 E.

Chains

of earth 2 ft. high 4 ft. base around post, from which
An aspen, 4" in dia. bears N. 10° W. 6 lks. dist. marked S. 32 T. 12 S., R. 5 E.
B. T. no other suitable tree in limit.
Land - high mountains.
Soil - 2nd rate - loam.
Some scattering aspen & pine T.
Mountainous land 41.40 chs.

East on a true line bet. Secs. 4 & 33.
Var. 16°16' E.

5.00 Head of hollow, course S. 85° W.
9.00 " " " " N. 75° W.
33.25 Ridge 500 ft. high, bears N. E. & S. W.
40.00 Set a Limestone 15x6x6 ins., 10" in the ground, for 1/4 Sec. cor., marked 1/4 N. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
From which
2 aspen 15" in dia. bears S. 80° W. 15 lks. dist., marked 1/4 S. B. T.
An aspen 8" in dia. bears N. 45° E. 25 lks. dist. marked 1/4 S. B. T.
47.00 Road from Fairview bears S. E.
48.75 Dry Creek 8 lks. wide, 4" deep course S. E. in Cañon 500 ft. deep. Ascend.
65.00 Ridge 500 ft. high, bears N. E. & S.
80.00 Set Limestone 14x12x6 ins., 10" in the round, for cor. to Secs. 3. 4. 33 & 34, marked with 3 notches on E. & W. edges and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which
An aspen 6" in dia. bears N. 65° W. 58 lks. dist. marked S. 33 T. 12 S. R. 5 E.

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North Boundary of T. 13 S., R. 5 E.

Chains

B. T.
An aspen 10" in dia. bears S. 53° E.
78 lks. dist. marked S. 3 T. 13 S., R. 5 E. B. S.
A sheep corral bears N. 3. 50 chs.
dist. no other bearing objects in
Land - high mountains
Soil - 2nd rate - loam
Some scattering aspen & pine Timber
Mountainous land 80 chs.

East on a true line bet. Secs. 34 & 3
Var. 16° 16' E.

19.25 Ridge 500 ft. high, bears N. W. & S. E.
40.00 set Limestone 15 x 12 x 6 ins., 10" in
the ground for 1/4 Sec. cor.
1/4 on N. face, and raised a stone
mound 1 1/2 ft. high, 2 ft. base
alongside. Pits impracticable.
From which
An aspen 3" in dia. bears S. 10° W. 23
lks. dist., marked 1/4 S. B. T.
An aspen 10" in dia. bears S. 75° W. 27
lks. dist., marked 1/4 S. B. T.
53.75 Oak Creek 10 lks. wide, 5" deep,
course S. in Cañon 500 ft. deep
second side cañon.
80.00 On N. side of side cañon set
Limestone 20 x 10 x 5 ins., 15" in the
ground for cor. to Secs. 2. 3. 34 & 35.
marked with 2 notches on E. & 4
on W. edges, and raised a stone
mound 1 1/2 ft. high, 2 ft. base
alongside. Pits impracticable.
Land - high mountains
Soil - 2nd rate - loam
Some scattering aspen & pine
timber.
Mountainous land on 80 chs.

North Boundary of T. 13 S., R. 5 E.

East on a true line bet. Secs. 2 & 35.
Var. 16° 16' E.
25.00 Enter Timber
28.00 Hollow 50 ft. deep, course S. W.
35.00 Leave aspen Timber.
40.00 Set Limestone 20 x 8 x 4 ins., 15" in the ground, for 1/4 Sec. cor. marked 1/4 on N. face and raised a stone 2 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which
An aspen 15" in dia. bears S. 70° W. 1 07 lks. dist. marked 1/4 S. B. T.
aspen 10" in dia. bears N. 75° W. 90 lks. dist. marked 1/4 S. B. T.
41.75 Road, bears N. & S.
50.00 Descend.
80.00 Set Limestone 16 x 10 x 4 ins., 11 ins. in the ground, for cor. to Secs. 1. 2. 35 & 36 marked with 1 notch on East 5 on W. edges, and raised a stone 2 1/2 ft. high, 2 ft. base along. Pits impracticable. From which
aspen 12" in dia. bears S. 79° E. 59 dist. marked S. 1 T. 13 S. R. 5 E. B. T.
aspen 12" in dia. bears S. 24 E. 96 lks. dist. marked S. 1. T. 13 S. R. 5 E. B. T.
5 other trees in limit.
and - high mountains.
oil - 2nd rate - loam
one scattering aspen & pine T.
Mountainous land on 80 chs.

East on a true line bet. Secs. 1 & 36.
Var. 16° 16' E.
Descend.
5.15 Spring Branch 6 lks. wide 3" course N. E. in hollow 50 ft.

North Boundary of T. 13 S., R. 5 E.

Ch

25.25 pring Branch 3 lks. wide, 2" deep, course N. E. in hollow 50 ft. deep.

0.00 et sandstone 20 X 16 X 12 ins., 15" in ground for 1/4 Sec. cor., marked 1/4 on ce, and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which aspen 5" in dia. bears S. 30° W. 6 lks. dist., marked 1/4 S. B. T.

42.75 ilver Creek 5 lks. wide, 4" deep, course S. E. in cañon 100 ft. deep. ce along N. side of cañon.

80.00 The cor. to Tps. 12 & 13 S. Rs. 5 & 6 E.

Land - high mountains
oil - 1st rate - loam
Some aspen & pine Timber
Mountainous land 80 chs.

December 2nd 1892.

---

4 miles 41.40 chs. of this line run over mountainous land.

Boundaries of T. 13 S., R. 5 E.
titudes, departures, & closing errors.

Line		True Bearing	Distance	Latitudes N.	Latitudes S.	Departures E.	Departures W.
			chs.	chs.		chs.	
South	'y	West	480.00				480.00
West	"	North	480.00	480.00			
North	"	East	481.40			481.40	
East	"	South	480.00		480.00		
Conver	cy,					0.60	
				480.00	480.00	482.00 480.00	480.00
				error in Departure:		2.00	

This township lies entirely in the Wasatch Mountains.
The extreme Eastern part occupies on of Gooseberry Valley, a small on in the Wasatch Plate aving an average elevation of 8,500 feet above sea level.

North Boundary of T. 13 S. R. 5 E.

his portion lying in said valley contains the land of the applicant's survey and should be subdivided.
The rest consists of the sandstone breaks of the West fault of said ateau.

Adolphe Jensen
Augustus D. O'Conn
U. S. Deputy Surveyor.

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List of Names.

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

Final Oath of Assistants:

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

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

SEAL

.....

.....

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Final Oath of U. S. Deputy Surveyor.

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

.....

.....

.....

.....

..... Meridian, in the ....., as are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....

U. S. Deputy Surveyor.

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

SEAL

.....

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City Utah
March 21, 1896

The foregoing field notes of the survey of the North Boundary of Township 13 South Range 5 East of the Salt Lake Base & Meridian Utah

.....

.....

.....

.....

..... executed by Adolphe Jessen and Augustus F. Ferron under their Contract No. 189, dated June 30th, 1895, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George W. Sproul
U. S. Surveyor General.

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

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

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(4—679.)

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BOOK A-237

N.T.B.

FIELD NOTES

OF THE SURVEY OF

the

Subdivisions

of

Township No. 13 S., Range No. 5 E.

Of the Salt Lake Meridian,

in the Territory of Utah

AS SURVEYED BY

Adolphe Jessen and Augustus D. Ferron, U. S. Deputy Surveyors

Under ~~his~~ their Contract No. 187, dated June 30th, 1892.

Survey commenced December 3rd, 1892.

Survey completed " 7th, 1892.

(FCO)—2,'00.) 6—151

Names and Duties of Assistants.

Jos. M. Humphrey	Chainmen
Henry McKenna	"
W. F. Christensen	Flagman
J. P. Jensen	Axman

BOOK A-237

INDEX DIAGRAM.

Township 13 S., *Range* 5 E.

6	5	4	3	2	1
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19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page

Preliminary Oaths of Assistants.

We, ...

.....

.....

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

.....

.....

.....

.....

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

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

.....

.....

We, ...

.....

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

.....

.....

.....

.....

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

.....*, Axeman.*

.....*, Axeman.*

.....

.....

Subdivision of T. 13 S., R. 5 E.

Chains

urvey commenced Dec. 3rd 1892.
From the cor. to Secs. 35 & 36 on the S.
Boundary of this Tp., which is a
tone firmly set, marked and witnessed
described by the Surveyor General,
observe Polaris on its W. Elongation
Dec. 2nd at 14 h. 25 m. astronomical
and find it to have a mag
bearing of N. 17° 54' W.
North end of needle 17° 54' E.
The azimuth is 1° 39' W.
The diff. is the var. 16° 15' E.
I set off the azimuth to the E. &
the true meridian thus found
by driving a stake 5 chs. N. of cor.

At 8.45 a.m. Dec. 3rd 1892, I return
above cor. and find the meridian
last night to have a mag-
netic bearing of N. 16° 15' W. which I
find to be the mean var., no diurn
change being perceptible.

Prior to subdividing I run E. on the S.
Boundary of Sec. 36 turning an angle of
90° E. from my observed meridian -
At 40.03 chs. I find the 1/4 Sec. cor. 3
rs N. of my line
At 80.05 chs. I find the Tp. cor. 2 lks.
N. of my line which proves the S.
Boundary to be a true W. line as
stated by the Surveyor General. I
turn an angle of 90° N. & run N.
the Tp. cor.
At 40.05 chs. I find the 1/4 Sec. cor. on
line.

Subdivision of T. 13 S., R. 5 E.

Chain

At 80.07 I find the cor. to Secs 25.30. 1 & 36 on line
then return to the cor. to Secs 1. 2. 35 & 36 on the S. Boundary of the Tp.

Thence I run
N. 0° 01' W. bet. Secs 35 & 36.
Var. 16° 15' E.
Along broken E. slope.
40.00 Set sandstone 14 x 14 x 3 ins., 10 ins. ground for 1/4 Sec. cor. marked 1/4 W. face and raised a mound of stone 1 1/2 ft. high, 2 ft. base along. Pits impracticable from whi cabin bears S. 84 1/2° E. 11 chs. dist.
47.66 An aspen 20 in. dia. in line, I mark with 2 notches on N. & S. sides.
58.63 An aspen 15" in dia. in line I ark with 2 notches on N. & S.
0.50 pring Branch 2 lks. wide, 6 in. deep course, N. E. in small hollow.
Leave scattering Timber.
63.80 pring Branch 2 lks. wide 4 ins. deep course, E. in small hollow.
80.00 et limestone 15 x 10 x 6 in., 10 in the d for cor. to Secs 25. 26. 35 & 36. arked with 1 notch on S., and 1 on E. edges and raised a mound of 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
Land broken E. slope of mount oil - 1st & 3rd rate
Some scattering aspen.
Mountainous land 50 chs.

Subdivision of T. 13 S., R. 5 E.

E. on a random line bet. Secs 25 & 36.
Var. 16° 15' E.

0.00 et temp. 1/4 Sec. cor.
80.20 Intersect E. Boundary of Tp. 39 lks. of cor. to Secs 25 & 36 which is a stone firmly set, marked and witnessed as described by the Surveyor General from which I run 89° 43' W. on a true line bet. Secs 25 & 36 with same var.

7.25 Spring Cr. 8 lks. wide, 12" deep, course
35.40 " " 6 " " 5" " " N. E.
40.10 et a sandstone 20 x 18 x 3 in., 15" in ground for 1/4 Sec. cor. marked 1/4 N. face, and raised a mound of stone 1 1/2 ft. high, 2 ft. base along side. Pits impracticable.
44.40 Road bears N. & S.
49.10 " " " " "
57.50 Ditch 3 ft. wide 10" deep, course N.
54.00 Wash, course N. E.
60.00 Enter S. Spring bottom.
62.94 Cr. 6 lks. wide, 18" deep, course N.
66.75 " " " " " 24" " " N. E.
68.75 Ascend.
80.20 The cor. to Secs 25. 26. 35 & 36. and mostly rolling Valley
oil - 1st rate
No Timber
Dense Sage brush & Willows on 80.20 chs.

et Note 1. f. 1. Corr. Notes.

N. 0° 01' W. bet. Secs 25 & 26.
Var. 16° 15' E.

2.00 Enter aspen timber
21.25 Ditch from Lakes to Fairview 4 ft. 2 ft. deep, course N. E.
27.50 ane ditch, course N. W.

Chains	
20.00	Set charred aspen post 4 x 4 ins., square 4 ft. long, 2 ft. in the ground for 1/4 Sec. cor. marked 1/4 on W. face, from which an aspen 5 ins. dia. bears S. 30° E. 9 lks. dist.
	An aspen 6 ins. dia. bears N. 60° E. 10 lks. dist.
	Both marked 1/4 S B.T.
45.00	A corral on line.
	Leave timber
54.50	Enter timber.
65.70	Corral on line
77.50	Leave timber.
80.00	Set limestone 14 x 8 x 5 ins., 10 ins. in the ground for cor. to Secs. 23, 24, 25 & 26 marked with 2 notches on S. & 1 on E. edges and raised a mound of stone 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable from which
	A small spring bears S. E. 40 lks. dist.
	Land - broken S. slope of high ridge
	Soil - 1st rate
	Scattering aspen timber on 56 chs.
	Mountainous land on 80 chs.
	N. 89° 43' E. on a random line bet. Secs. 24 & 25 -
	Var. 15° 15' E.
40.00	Set temp. 1/4 Sec. cor.
80.10	Intersect E. Boundary of the Tp. 40 lks. N. of cor. to Secs. 24 & 25 - which is a stone firmly set, marked & witnessed as described by the Surveyor General from which I run
	N. on a true line bet. Secs. 24 & 25 - with same var.
3.00	Along course N. E. in small hollow
7.75	Road to Fairview bears N. W. & S. E.

Subdivision of T. 13 S., R. 6 E.

Chains	
29.20	Spring Cr. 3 lks. wide 2" deep, course S. E.
40.05	Set a sandstone 14 x 10 x 6 ins., 10" in the ground for 1/4 Sec. cor. marked 1/4 on N. face and raised a mound of stone 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
	Ascend.
48.00	Enter Timber
49.50	Leave same.
58.30	Road bears N. & S.
64.00	Small spring 12 lks. N. of line
80.10	The cor. to Secs. 23. 24. 25 & 26.
	Land - rolling Valley.
	Soil - 1st rate
	A few aspen
	Dense Sage brush on 80.10 chs.
	N. 0° 01' W. bet. Secs. 23 & 24
	Var. 16° 15' E.
11.00	Enter Timber
	Ridge forming E. rim of Great Basin 300 ft. high bears N. E. & S. W.
36.50	Leave Timber.
40.00	Set Limestone 15 x 12 x 5 ins., 10" in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a mound of stone 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
42.50	Spring Branch 2 lks. wide, 3" deep, course S. W. in hollow 200 ft. deep.
43.10	Toll road bears N. E. & S. W.
43.75	Enter Timber
61.00	Ridge 200 ft. high bears N. E. & S. W.
80.00	Set Limestone 24 x 8 x 3 ins., 18" in the ground for cor. to Secs. 13. 14. 23 & 24 marked with 3 notches on S., & 1 on E. edges and raised a mound of stone 1 1/2 ft. high, 2 ft. base

Subdivision of T. 13 S., R. 5 E.

Chains

de. Pits impracticable.
which an aspen 4" in dia.
bears N. 40° E. 20 lks. dist. marked
T. 13 S. R. 5 E. S. 13 B. T.
An aspen 5" in dia. bears N. 60° W.
32 lks. dist. marked T. 13 S., R. 5 E. S. 14
B. T. no other suitable bearing trees
limit.
Land - high mountains.
Soil - 1st rate
cattering aspen Timber.
Mountainous land on 80 chs.

E. on a random line bet. Secs. 13 & 24
Var. 16° 15' E.
40.00 et temp. 1/4 Sec. cor.
79.58 Intersect E. Boundary of Tp. 35 lks.
of cor. to Secs. 13 & 24 which is a
stone firmly set, marked and
nessed as described by the
Surveyor General from which
run
89° 45' W. on true line bet. Secs.
See Note 1, p. 1 Corr. Rolls 13 & 24 with same var.
10.00 Wash, course S.
25.00 Road bears N. & S.
29.50 Enter aspens.
37.50 Road bears N. W. & S. E.
39.79 Set Limestone 15 X 15 X 12 ins., 10" in
ie ground for 1/4 Sec. cor. marked
1/4 on N. face and raised a mound
of stone 1 1/2 ft. high, 2 ft. base
along side. Pits impracticable.
60.50 Leave Timber
65.00 Ridge bears N. & S. 150 ft. high.
69.25 Enter Timber
79.58 The cor. to Secs. 13. 14. 23 & 24
Land - mountainous.

Subdivision of T. 13 S., R. 5 E.

oil - 1st rate
one aspen Timber.
Mountainous land on 79.58 chs.
December 3rd 1892.

.0°01' W. bet. Secs 13 & 14
Var. 16°15' E.
3.00 Hollow 20 ft. deep, course W.
6.25 " 50 " " " S. W.
40.00 Set a Limestone 15 x 15 x 3 ins., 10"
in the ground for 1/4 Sec. cor.
1/4 on W. face, and raised a mound
stone 1 1/2 ft. high, 2 ft. base
alongside. Pits impracticable.
0 suitable bearing trees in

4.00 Leave Timber
Ridge 200 ft. high bears N. E. & S. W.
8.50 Enter Timber.
79.00 Road bears N. W. & S. E.
80.00 et charred aspen post 4 ins.
4 ft. long with marked stone 2 ft.
in the ground for cor. to Secs 11.12.13
& 14 marked with 4 notches on S.
and 1 on E. edges & T. 13 S. R. 5 E. S. 12
N. E. S. 11 on N. W. S. 14 on S. W. and
.13 on S. E. faces, dug pits 18 x 18 x 12 in.
each Sec. 5 1/2 ft. dist. and raised
mound of earth 2 1/2 ft. high 4 1/2 ft.
around post from which
aspen 4" in dia. bears N. 60° E. 68
. dist. marked S. 12 T. 13 S. R. 5 E. B. T.
An aspen 3" in dia. bears S. 88° E. 60 lks.
dist. marked S. 13 T. 13 S. R. 5 E. B. T.
No other bearing trees in limit
and - high mountains
oil - 2nd rate
one aspen Timber
Mountainous land on 50 chs.

Subdivision of T. 13 S., R. 5 E.

Chains

S. 89° 45' E. on a random line bet. Secs. 12 & 13

Var. 16° 15' E.

40.00 set temp. 1/4 Sec. cor.

79.50 Intersect E. Boundary of Tp. 14 lks. N. of cor. to Secs. 12 & 13 which is a stone firmly set, marked and witnessed as described by the Surveyor General from which I run

S. 89° 55' W. on true line bet. Secs. 12 & 13 with same var.

See Rule 1, p. 1 Corr. Rule

8.25 Road bears N. W. & S. E.

14.50 Enter Timber

14.75 Ditch 3 ft. wide 15" deep, course N. W.

18.00 Leave Timber

25.00 Ditch 3 ft. wide 12" deep, course N. E.

31.00 Spring Cr. 4 lks. wide 6 ins. deep course N. E.

39.75 set sandstone 15 x 10 x 8 ins., 10" in the g for 1/4 Sec. cor. marked 1/4 on N. face and raised a mound of 1 1/2 ft. high, 2 ft. base side. Pits impracticable.

42.50 Enter aspen.

63.75 Road bears N. E. & S. W.

79.50 The cor. to Secs. 11, 12, 13 & 14.

- E. slope of mountains.

oil - 1st rate.

Some aspen Timber.

Mountainous land on 79.50 chs.

N. 0° 01' W. bet. Secs. 11 & 12.

Var. 16° 15' E.

40.00 set a charred aspen post 4" square 4 ft. long, 2 ft. in the ground for 1/4 Sec. cor. marked 1/4 S. on W. face from whi An aspen 6" in dia. bears W. 2 lks.

Subdivision of T. 13 S., R. 5 E.

Chains

dist. marked 1/4 S. B. T.
An aspen 6" in dia. bears S. 10° E. 3 lks.
marked 1/4 S. B. T.
43.25 Wash course E.
48.50 Leave aspen.
64.00 Enter high Plateau bears N. E. & S. W.
80.00 Set Limestone 14 x 10 x 4 in., 10" in the
ground for cor. to Sec. 1. 2. 11 & 12 marked
5 notches on S. and 1 on E. edges
& raised a mound of stone 1 1/2 ft.
high, 2 ft. base alongside. Pits
practicable.
and - high mountains
oil - 1st rate
some aspen Timber.
Mountainous land on 80 chs.

N. 89° 51' E. on a random line bet. Secs.
1 & 12
Var. 16° 15' E.
40.00 at temp. 1/4 Sec. cor.
79.80 Intersect E. Boundary of Tp. 21 lks.
of cor. to Secs. 1 & 12 which is a
firmly set, marked and witnessed as
described by the Surveyor General
which I run
West on a true line bet. Secs. 1 & 12
with same var.
Ascend
27.00 Head of hollow, course N. E.
39.90 set a sandstone 12 x 10 x 10 ins., 5" in the
ground for 1/4 Sec. cor. marked 1/4 on N.
face and raised a mound of stone 1 1/2 ft.
, 2 ft. base alongside.
impracticable.
No suitable bearing trees in limit.
40.00 Ascend
Enter Timber.

see Note 1, p. 1, Corr. notes

Subdivision of T. 13 S., R. 5 E.

65.30 Leave Timber
78.00 Enter Plateau.
— 79.80 The cor. to Secs 1, 2, 11 & 12.
Land - E. slope of high mountain
oil - 1st rate
Some aspen Timber
Mountainous land on 79.80 chs.

N. 0° 01' W. on a random line bet. Secs 1 & 2
Var. 16° 15' E.
40.00 temp. 1/4 Sec. cor.
80.28 Intersect N. Boundary of Tp. at cor. to
1 & 2 heretofore described from which I run
0° 01' E. on a true line bet. Secs 1 & 2 wi
var.

See Note 1, p. 1, Corr. Note.

Ascend.
5.00 Hollow 25 ft. deep, course N. E.
28.00 Leave Timber
30.20 mall spring course E.
40.28 et Limestone 15 x 12 x 3 ins., 10" in the
ground for 1/4 Sec. cor. marked 1/4 on W.
ace and raised a mound of stone, 1½
high, 2 ft. base alongside. Pits
cable.
45.00 Enter Plateau bears N. W. & S. E.
61.50 Road bears N. W. & S. E.
66.00 ame road bears S. W.
— 80.28 The cor. to secs 1, 2, 11 & 12.
Land - N. E. slope of high mountaine
Soil - 2nd rate
one Timber on N. End.
December 5th 1892.

From the cor. to Secs 34 & 35 on the South
Boundary of the Township which is
a stone firmly set, marked and
witnessed as described by the

Subdivision of T. 13 S., R. 3 E.

Surveyor General
observe Polaris Dec. 5th 14 h. 13 m.
al time at which time
has a magnetic bearing of N. 17° 54' W.
North end of needle 17° 54' E.
The azimuth is 1° 39 W.
The diff. is the var 16° 15' E.
I lay off the azimuth to the East,
and mark the true meridian thus
found by driving a picket 5 chs. N. of
cor.

At 8.30 A.M. Dec. 6th I find the
ian established last night to
ave a magnetic bearing of N. 16° 15' E.
This is the mean varidtion, no
al change being percepetible.

Thence I run
N. 0° 01' W. bet. Secs 34 & 35.
Var. 16° 15' E.
40.00 Set sandstone 12 X 8 X 7 ins., 8" in the
for 1/4 Sec. cor. marked 1/4 on W.
face and raised a mound of stone
1½ ft. high, 2 ft. base alongside. Pits
practicable.
80.00 et Quartzite 16 X 9 X 4 ins., 10" in the
d, for cor. to Secs 26. 27. 34 & 35
d with 1 notch on S. and 2 on E.
ges and raised a mound of stone 1½ ft.
gh, 2 ft. base alongside. Pits
practicable.
Land - high mountains.
Soil - 1st rate
some aspen Timber.

Subdivision of T. 13 S., R. 5 E.

Chains

East on random line bet. Secs. 26 & 35.
Var. 16° 15' E.

40.00 Set temp. 1/4 Sec. cor.

80.30 Intersect N. & S. line 27 lks. S. of cor. to Secs. 25. 26. 35 & 36 from which I run S. 89° 48' W. on true line bet. Secs. 26 & 35 with same var.

See Note 1, p. 1, Corr. Notes.

3.50 Enter aspen

12.50 Ditch to Fairview 4 ft. wide 2 ft. deep, course N. E.

27.00 Ridge being East rim of Great Bl 400 ft. high bears N. & S.

39.25 Small hollow, course N.

40.15 Set Quartzite 15 x 8 x 6 ins., 10" in the ground for 1/4 Sec. cor. marked 1/4 on N. face and raised a mound of stone, 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
No suitable bearing trees in limit.

41.75 Small hollow, course N.
Steep ascend 700 ft. high.

60.50 Ridge bears N. & S.
Descend.

80.30 The cor. to Secs. 26. 27. 34 & 35.
Land - high mountains.
Soil - 1st rate.
Aspen & pine timber.
Mountainous land 80.30 chs.

N. 0° 01' W. bet. Secs. 26 & 27.
Var. 16° 15' E.

25.60 Ravine 50 ft. deep, course N. W.

40.00 Set Limestone 15 x 12 x 5 ins., 10" in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a mound of stone 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.

66.00 Enter Cottonwood Cañon.

Subdivision of T. 13 S., R. 5 E.

C

72.75 Cottonwood Cr. 20 lks. wide 12 in. deep course S.W. in cañon 600 ft. deep.

74.80 Toll road bears N. E. & S. W.

80.00 Set sandstone 24 x 10 x 8 ins., 18" in ground for cor. to Secs. 22. 23. 26 & 27 arked with 2 notches on S. and 2 on E. edges and raised a mound of 1½ ft. high, 2 ft. base alongside. Pits impracticable.

Land - high mountains.

oil - 1st rate.

Some aspen & pine timber.

Mountainous land 80 chs.

N. 89° 48' E. on a random line bet. Secs. 23 & 26.

Var. 16° 15' E.

40.00 et temp. ¼ Sec. cor.

79.90 Intersect N. & S. line 5 lks. N. of cor. to ecs. 23. 24. 25 & 26 from which I run S. 89° 51' W. on a true line bet. Secs. 23 & 26 with same var.

See note 1 p. 1 Note 1, p. 1, Corr. notes.

6.75 Ditch from Lake to Fairview 4 ft. de, 2 ft. deep, course N. W.

12.86 An aspen 14" in dia. marked 2 notches E & Enter Timber

18.25 Road N W & S E

22.00 N. point of ridge bears S.

Descend.

39.95 et Limestone 15 x 10 x 5 in., 10" in the for ¼ Sec. cor. marked ¼ on N. face and raised a mound of stor 1½ ft. high, 2 ft. base alongside. Pits practicable from which

An aspen 3" in dia. bears S. 50° E. 27 lks. dist. marked ¼ S. B. T.

An aspen 10" in dia. bears S. 48° W. 51 lks. dist. marked ¼ S. B. T.

BOOK A-7

Subdivision of T. 13 S., R. 5 E.

42.50 An aspen 26" in dia. marked 2 notches E & W
57.30 Spring, heads N. E. 5 chs., course S. W.
61.80 A red pine 20" in dia. marked 2 notches E & W
72.00 Cottonwood Cr. 20 lks. wide 10" deep, course S. W. in canon 600 ft. deep.
Ascend.
74.50 Toll road bears N. E. & S. W.
79.90 The cor. to Secs. 22. 23. 26 & 27.
Land - high mountains.
oil - 1st rate
once aspen & pine timber
Mountainous land on 79.90 chs.

N. 0° 01' W. bet. Secs. 22 & 23
Var. 16° 15' E.
ascend.
39.70 Corral 1 ch. dia.
40.00 set a Limestone 16 x 12 x 5 in., 10" in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a mound of stone 1 1/2 ft. high, 2 ft. base along Pits impracticable. from which
A aspen 8" in dia. bears S. 48° E. 90 lks. dist. marked 1/4 S. B. T.
An aspen 7" in dia. bears S. 28° W. 105 lks. dist. marked 1/4 S. B. T.
47.50 Ridge 700 ft. high bears N. E. & S. W.
68.00 Enter Timber.
80.00 set a Limestone 14 x 8 x 6 ins., 10" in ground for cor. to Secs. 14. 15. 22 & 23 marked with 3 notches on S. and 2 on E. edges and raised a mound of stone 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. from which
An aspen 6" in dia. bears N. 20° W. 15 lks. dist. marked S. 15 T. 13 S. R. 5 E. B. T.
An aspen 7" in dia. bears S. 70° E. 30 lks. dist. marked S 23 T. 13 S. R. 5 E. B. T.

Subdivision of T. 13 S., R. 5 E.

no other suitable trees within limi.
Land- high mountains.
oil- 1st rate
one aspen Timber.
Mountainous land 80 chs.

89° 51' E. on a random line bet.
secs. 14 & 23.
Var. 16° 15' E.
40.00 Set temp. 1/4 Sec. cor.
80.52 Intersect N. & S. line 21 lks. N. of cor.
Secs. 13. 14. 23 & 24 from which
I run
West on a true line bet. Secs. 14 & 23
with same var.
6.00 Leave Timber
8.00 Cottonwood Cr. 10 lks. wide, 6" deep
course S. W. in grassy cañon 200' deep.
11.50 Enter aspen Timber.
32.50 Ridge 200 ft. high bears N. E. & S.
35.50 Hollow 150 ft. deep, course S.
40.26 Set Limestone 14 x 8 x 3 ins., 10" in
ground for 1/4 Sec. cor. marked 1/4
on N. face and raised a mound of
1 1/2 ft. high 2 ft. base along-
side. Pits impracticable. from
which
An aspen 4" in dia. marked 1/4 S.
B. T. bears N. 40 lks. dist.
An aspen 8" in dia. bears N. 60° W.
40 lks. dist. marked 1/4 S. B. T.
65.00 Ridge 500 ft. high bears N. E. & S. W.
80.52 The cor. to Secs. 14. 15. 22 & 23.
Land- high mountains.
Soil 1st rate
one aspen Timber
Mountainous land on 80.52 chs.
December 6th 1892.

Subdivision of T. 13 S., R. 5 E.

Chains	
	N. 0° 01' W. bet. Secs. 14 & 15
	Var. 16° 15' E.
	Descend.
27.50	Wash hollow 50 ft. deep, course S. W.
	Ascend.
40.00	Set Limestone 20 x 8 x 6 ins., 15" in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable from which An aspen 8" in dia. bears S. 35° W. 60 lks. dist. marked 1/4 S. B. T. An aspen 6" in dia. bears S. 15° E. 50 lks. dist. marked 1/4 S. B. T.
115.60	Leave aspens.
118.00	Ridge 600 ft. high bears N. W. & S. E.
	Descend.
80.00	Set Limestone 14 x 14 x 2 ins., 10" in the ground for cor. to Secs. 10. 11. 14 & 15 marked with 4 notches on S. and 2 on E. edges and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. Land - high mountains. Soil - 1st rate. Some aspen timber. Mountainous land 80 chs.
	East on a random line bet. Secs. 11 & 14
	Var. 16° 15' E.
40.00	Set temp. 1/4 Sec. cor.
80.32	Intersect N. & S. line 20 lks. N. of cor. to Secs. 11. 12. 13 & 14 from which I run N. 89° 51' W. on a true line bet. Secs. 11 & 14 with same var.
	Ascend.
1.00	Road bears N. W. & S. E.
13.50	Leave aspen

Subdivision of T. 13 S., R. 5 E.

17.00 Enter Plateau
40.16 et Limestone 18 x 12 x 6 ins., 12" in
d for 1/4 Sec. cor. marked 1/4 on
ace and raised a stone mound 1 1/2
hi , 2 ft. base alongside. Pits
practicable. from which
An aspen 12" in dia. bears N. 75° W.
25 lks. dist. marked 1/4 S. B. T.
aspen 4" in dia. bears S. 83° W.
30 lks. dist. marked 1/4 S. B. T.
0.50 Enter Timber.
57.00 ollow 50 ft. deep, course N.
A corral bears S. 40° E. 10 chs. dist
68.50 Leave aspens.
80.32 The cor. to Secs. 10. 11. 14 & 15
and - high mountains
Soil - 1st rate
one aspen timber
Mountainous land 80.32 chs.

N. 0° 01' W. bet. Secs. 10 & 11
Var. 16° 15' E.
5.00 Enter aspens
Ridge bears E. & W.
25.00 S. Fork of Oak Cr. 5 lks. wide 4" deep
course W. in cañon 200 ft. deep.

25.50 Road bears E. & W. Ascend.
40.00 et Limestone 14 x 12 x 3 ins., 10" in.
ground for 1/4 Sec. cor. marked
1/4 on W. face and raised a stone
mound 1 1/2 ft. high, 2 ft. base
alongside. Pits impracticable.
from which
a Fir 12" in dia. bears N. 75° W. 25
dist. marked 1/4 S. B. T.
No other suitable bearing trees in
limit.

BOOK A

Subdivision of T. 13 S., R. 5 E.

Ch

45.50 Leave aspen Timber

55.00 Road bears E. & W. on Ridge 400 ft. high

62.00 Enter aspen Timber.

– 80.00 Set Limestone 24 x 20 x 3 in., 18" in ground for cor. to Secs. 2. 3. 10 & 11 marked with 5 notches on S. and 2 on E. edges and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable. from which

An aspen 7 in. in dia. bears N. 67° lks. dist. marked S. 3 T. 13 S. R. 5 E. B. 1.

An aspen 4" in dia. bears S. 45° W. 65 . dist. marked S 10. T. 13 S. R. 5 E. B. 1.

No other suitable bearing trees in limit.

L – high mountains

oil – 1st rate.

ome aspen and pine Timber

Mountainous land 80 chs.

. 89° 51' E. on a random line bet. Secs. 2 & 11

Var. 16° 15' E.

40.00 Set temp. ¼ Sec. cor.

80.40 Intersect N. & S. line 17 lks. N. of cor. Secs. 1. 2. 11 & 12 from which I run N. 89° 44' W. on a true line bet. S. 2 & 11 with same var.

See note 1, p. + Corr. notes

4.00 Road bears N. E. & S. W.

16.00 Enter aspen Timber.

33.00 Hollow 30 ft. deep course N. W. Leave timber

40.20 et Limestone 18 x 7 x 5 ins., 12" in the for ¼ Sec. cor. marked ¼ on N. face and raised a stone mound 1½ ft. high, 2 ft. base . Pits

Subdivision of T. 13 S., R. 5 E.

Chains

practicable.

42.00 Enter Timber.

62.75 Hollow 50 ft. deep course N. W.

63.25 A Fir 15" in dia. in line I mark with 2 notches on E. & W. sides.

— 80.40 The cor. to Secs. 2, 3, 10 & 11 and high mountain oil - 1st rate. one aspen & pine timber Mountainous land 80.40 chs.

N. 0°01' W. on random line bet. Secs. 2 & 3

Var. 16°15' E.

40.00 et temp. 1/4 Sec. cor.

80.44 Intersect North Boundary of Tp. at cor. to Secs. 2 & 3 set by me from which I run

S. 0°01' E. on a true line bet. Secs. 2 & 3 with same var.

2.40 Hollow 30 ft. deep, course W.

6.00 Enter Timber

15.23 Leave Same

38.00 Descend from Plateau

40.44 et charred aspen post 4 ins. x 4 ft. long 2 ft. in the ground 1/4 Sec. cor. marked 1/4 S. on W. face which

aspen 5" in dia. bears N. 80° W. 112 lks. dist. marked 1/4 S. B. T.

An aspen 6" in dia. bears N. 33° E. 54 lks. dist. marked 1/4 S. B. T.

47.50 Oak Creek 6 lks. wide 4 in. deep course S. W. in cañon 100 ft. deep.

57.00 Ridge spur bears E. & W.

70.30 Branch of Oak Creek 6 lks. wide 6" deep course N. W. in cañon 100'

— 80.4 The cor. to Secs. 2, 3, 10 & 11.

Subdivision of T. 13 S., R. 5 E.

Chains

Land - high mountains
oil - 1st rate
one aspen & pine Timber.
Mountainous land 80.44 chs.
December 7th 1892.

✓ 20 miles 01.04 chs. these lines run over mountainous land

General Description.

The on of this Township at this time, embraces W part of Gooseberry Valley, and consists of good grazing lands - well watered by mountain streams.

There are numerous roads intersect-g the Township - the main one ading from Sanpete Valley to Castle Valley and the Coal beds

Huntington Cr., D. E. No. 2555, Tho's M. Lelland Jr. embraced the S.½ S. E.¼ Sec. 1, & the E.½ of Sec. 12 of this Tp.

The D. E. (2572) of Samuel Bills S. E.¼ of S. W.¼ of the S.½ of S. E.¼ Sec. 24, the N. E.¼ the E.½ N. W.¼ the N. E.¼ S. W.¼ & the N.½ S. E.¼ sec. 25 of this Tp.

Both parties have made ditches the reclamation of the land aced, which was producing a fair crop of grass at the time of the survey.

There is a cabin in Sec. 36, whi was uninhabited at the time of vey.

The portion of the Township left unsurveyed falls in the impracticable ri and

Subdivision of T. 13 S., R. 5 E.

Chained

of the Sanpete Slope of the Wasatch Mountains totally unsuitable for agricultural purposes, and cannot be surveyed by the ordinary, prescribed methods.—

Adolphe Jensen
Augustus F. Fraun
U. S. Deputy Surveyors.

Subdivision Tp. 13 S., R. 5 E.

No. of Notes	
1	In writing up my notes I unfortunately got hold of a manual of 1890 in which the phrase "with same va." was retained. The survey was made according to the "Corrected" manual of 1890. It will be observed that wherever the variation changed in this survey on a return line, the change was noticed, and the variation of such return line was given in degrees and minutes. So that the phrase "with same va." can not mislead, as the variation given in the beginning of a mile, good for both random and true courses.

Adolphe Jessen
Augustus D. Fraser
U. S. Dep. Surveyors.

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List of Names.

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

Final Oath of Assistants:

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

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

SEAL

.....

.....

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BOOK

Final Oath of U. S. Deputy Surveyor.

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

..... Meridian, in the ....., as are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....

U. S. Deputy Surveyor.

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

SEAL

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City, Utah
March 21, 1896

The foregoing field notes of the survey of the Subdivision of Township 13 South Range 5 East of the Salt Lake Base & Utah

..... executed by Adolphe Jessen and Augustus D. Ferron under their Contract No. 187, dated June 30th, 1892, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George W. Snow
U. S. Surveyor General.

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

.....

U. S. Surveyor General.

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(4—679.)

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BOOK A-237

No. 3.B.

FIELD NOTES

OF THE SURVEY OF

the

East & South Boundaries

of

Township No 17 S., Range No. 6 E.

Of the Salt Lake Meridian,

in the Territory of Utah

AS SURVEYED BY

Adolphe Jessen and Augustus F. Ferron, U. S. Deputy Surveyors

Under ~~his~~ their Contract No. 187, dated June 30th 1892.

Survey commenced December 9th, 1892.

Survey completed " 9th, 1892.

(6—2,000.) 6—151

#2-40-00

wpt

BOOK A-

Names and Duties o ssistants.

Jos M. Humphreys	Chainman
Henry McKenna	"
W. F. Christensen	Flagman
J. P. Jensen	Axeman

BOOK A-237

INDEX DIAGRAM.

East Boundary &
South " "

Township 17 S., *Range* 6 E.

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

Meanders Page

Preliminary Oaths of Assistants.

WE, ...

.....

.....

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

.....

.....

.....

.....

....., *Chainman.*

.....*Chainman.*

.....*Chainman.*

.....*Chainman.*

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

.....

.....

WE, ...

.....

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

.....

.....

.....

.....

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

.....*Axeman.*

.....*Axeman.*

.....

.....

East Boundary T. 17 S. R. 6 E.

Chains

Survey commenced Dec. 9th 1892.
On account of high perpendicular sandstone breaks 1½ miles East of the S.W. cor. of this township, I find it impracticable to survey the South Boundary of this township from the West as contemplated in my instructions, I therefore go to the cor. to Secs. 19. 24. 25 & 30 on the East Boundary of T. 17 S. R. 6 E. being a sandstone firmly set, marked and witnessed as described by the Surveyor General. There I observe Polaris on its Western Elongation Dec. 8th 14 h. 1 m. astronomical time, Fifteen minutes before, I set my instrument on Polaris, and follow it to its tang point, which, when attained, I find to have a magnetic course of N 17° 13' W.

North end of needle	17° 13' W.
Azimuth for Lat. 39° 19'	1° 37' E.
The diff. is the variation	15° 36' E.

I turn the azimuth to the East and mark the true meridian by driving a small stake 4 chs. North of corner.

On the morning of Dec. 9th 1892 at 10 o'clock I find the meridian established last night to have a magnetic bearing of N. 16° 36' W. No diurnal declination being perceptible on this or any succeeding day during this survey.
From the cor. to Secs. 19. 24. 25 & 30 above described I run
South bet. Secs. 25 & 30.

East Boundary of T. 17 S. R. 6 E.

Chains	
	Var. 15° 36' E.
	Ascend through broken cliffs.
111.10	Set a sandstone, 11 x 8 x 8 ins. 8 ins. in the ground, for 1/4 Sec. cor. marked 1/4 on W. face, and raised a stone mound, 1½ ft. high, 2 ft. base, alongside. Pits impracticable.
69.20	Sandstone ledge, 30 ft. deep, bears N.W. & S.E.
	Descend into cañon.
80.00	Marked stationary sandstone, 6 x 4 x 2 ft. above ground, with a cross (+) at cor. point and 5 notches on N. and low S. side of same, for cor. to Secs. 25. 30. 31 & 36, and raised a stone mound, 1½ ft. high, 2 ft. base, alongside. Pits impracticable.
	From which
	A fir, 5 ins. dia., bears S. 35° E., 75 lks. dist. marked S. 31 T. 17 S. R. 7 E. B. T.
	A pine 16 ins. dia., bears S. 75° W. 51 lks. dist., marked S. 36 T. 17 S. R. 6 E. B. T.
	Land, high broken ledges of East Breaks of Wahsatch Mountains.
	Soil, 4th rate, rocky.
	A few pine and cedar.
	Mountainous land 80 chs.
	South bet. Secs. 31 & 36.
	Var. 15° 36' E.
0.90	Wash from cañon, heads N.E., course S.W.
6.10	N.W. point of ledge.
12.80	A red pine, 17 ins. dia. mkd. 2 notches N. & S.
34.50	North fork of Cottonwood Creek, 8 lks. wide, 6 ins. deep, course S.E. in cañon, 5.10 ft. deep.

East Boundary of T. 17 S. R. 6 E.

Chains

40.10 Set sandstone; 18x18x6 ins. 12 ins. in the ground, for 1/4 Sec. cor., marked 1/4 on W. face, and raised a stone mound; 1 1/2 ft. high; 2 ft. base, alongside. Pits impracticable.

40.10 North fork of Cottonwood Creek, 8 lks wide, 6 ins. deep, course S.W. in cañon, 450 ft. deep.

46.50 Road bears N.W. & S. Thence in road.

54.10 Leave road bears S.E.

55.50 Cottonwood Creek, 8 lks. wide, 6 ins. deep, course S.E.

69.00 Wash, 50 ft. deep, heads W. in cañon.

80.00 Marked a stationary sandstone, 7x6x5 ft. above ground, with a cross(+) at cor. point and 6 notches on 4 sides of same, for cor. to Tps. 17 & 18 S. Rs. 6 & 7 E., and raised a stone mound, 1 1/2 ft. high, 3 ft. base, on top of stone; pits impractic

From which

A pine, 8 ins. dia., bears N. 80° E. 57 lks. dist., marked S. 3 T. 17 S. R. 7 E. B. T.

No other tree at hand.

and, mountainous cañon breaks.

oil, 4th rate, rocky.

Timber, a few pines.

ountainous land on 80 chs.

South Boundary T. 17 S. R. 6 E.

Chains

From the cor. to Ts. 17 & 18 S. Rs. 6 & 7 E.
I run West on true line bet. Secs.
1 & 36.
Var. 16° 36' E.

1.25 Ascend rock breaks.
7.50 Ledge 30 ft. high, bears N. & S.
40.50 Set sandstone, 16 X 7 X 5 ins. 11 ins. in the ground, for 1/4 Sec. cor., marked 1/4 on N. face, and raised a tomemound, 1 1/2 ft. high, 2 ft. base, alongside. Pits impracticable.
Note: I abandon this line, the and West being unavailable, and survey impracticable according to ordinary prescribed methods, on account of inaccessibility.
Land, broken mountain ledges on 40 chs.
Soil 4th rate, rocky.
A few pine.
Mountainous land 40 chs. Dec. 9th, 1892

---

2 miles 40 chs. of this line run over mountainous land.

General Description

This township embraces for the most part a high rocky ridge unsuitable for agricultural purposes. In the Eastern part is situated the canon like valley of the North fork of Cottonwood Creek, where dairying is being carried on by different parties during the Summer months. Said Eastern part should be subdivided.

Adolphe Jessen
Augustus D. Ferron
U. S. Deputy Surveyors

List of Names.

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

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

'ubscribed and sworn to before me this .....
day of ....., 18 .

SEAL

.....

.....

6—151

Final Oath of U. S. Deputy Surveyor.

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

_____

_____

_____

_____

_____ Meridian, in the _____, as are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

_____

U. S. Deputy Surveyor.

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

SEAL

_____

_____

Approval.

Office of the U. S. Surveyor General,
Salt Lake City, Utah
March 21, 1896

The foregoing field notes of the survey of East & South Boundaries of Township 1 South Range 6 East of the Salt Lake Base & Meridian Utah

_____

_____

_____

_____

_____ executed by Adolphe Jassen and Augustus F. Ferron under ~~his~~ their Contract No. 187, dated June 30th, 1892 having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George W. Snow
U. S. Surveyor General.

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

_____
U. S. Surveyor General.

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(4—679.)

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BOOK A 237

FIELD NOTES

OF THE SURVEY OF

the

Subdivisions

of

Township No. 17 S., Range 6 E.

Of the Salt Lake Meridian,

in the Territory of Utah

AS SURVEYED BY

Adolphe Jessen and Augustus D. Ferron, U. S. Deputy Surveyor,

Under ~~his~~ their Contract No. 187, dated June 30th 1892

Survey commenced December 9th, 1892

Survey completed " 10th, 1892

(8630—2,000.) 6—151

12.00.55

Names and Duties of Assistants.

Jas M. Humphrey	Chainman
Henry McKenna	"
H. F. Christensen	Flagman
J. P. Jensen	Axeman

BOOK A-237

INDEX DIAGRAM.

Township 17 N., *Range* 6 E.

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19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page

Preliminary Oaths of Assistants.

WE, ...

.....

.....

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

.....

.....

.....

.....

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

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

.....

.....

WE, ...

.....

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

.....

.....

.....

.....

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

.....*, Axeman.*

.....*, Axeman.*

.....

.....

.....

Subdivision of T. 17 S., R. 6 E.

Chai

Survey commenced Dec. 9th 1892.
The South Boundary of this township being not surveyable on account of inaccessibility, therefore from the cor. to Secs. 25. 30. 31 & 36 on the East Boundary of this township, set by me during this survey, I sight North over the line bet. Secs. 25 & 30 and turn an angle of 90° W. Thence I run West on a true line bet. Secs. 25 & 36
Var. 15° 36' E.

7.18 Road to Castle Dale bears N. W.

9.38 North Cottonwood Cr. 6 lks. wide, 6" deep, course S. E. in cañon 500 ft. deep. Ascend.

16.33 White ledge, 20 ft. high

18.93 Foot of ledge 30 ft. high, marked same with a cross (+)

20.50 Ledge, 30 ft. high.

0.00 Set a sandstone 16 x 9 x 4 ins., 11" in the ground, for 1/4 Sec. cor. marked 1/4 on N. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. Thence through broken sandstone mountains.

80.00 Set a sandstone 30 x 9 x 7 ins., 21" in the ground, for cor. to Secs. 25. 26. 35 & 36 marked with 1 notch on S. & E. edges, and raised a stone mound 1 1/2 ft., 2 ft. base alongside. Pits impracticable.

Land - high broken mountains.
Soil - 4th rate - rocky.
Timber - a few pines
Mountainous land on 80 chs.

Subdivision of T. 17 S., R. 6 E.

Chains	
	N. 0°01' W. bet. Secs. 25 & 26. Var. 15°36' E. Over broken, rocky E. face of mountains.
40.00	Set a sandstone 12 x 7 x 7 ins., 9" in the ground for 1/4 Sec. cor., marked 1/4 on W. face, and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits imp.
80.00	Set a sandstone, 17 x 7 x 5 ins. 12" in the ground for cor. to Secs. 23. 24. 25 & 26, marked with 2 notches on S., & 1 on E. edges and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. Land - broken rocky mountains. Soil - 4th rate - rocky. Timber - a few pines and aspen. Mountainous land on 80 chs.
	East on a random line bet. Secs. 24 & 25 Var. 15°36' E.
40.00	Set temp. 1/4 Sec. cor.
80.30	Intersect East Boundary of T. 44 lks. North of cor. to Secs. 19. 24. 25 & 30 from which I run N. 89°41' W. on true line bet. Secs. 24 & 25 with same variation
	Descend on North West slope
22.80	Tunnel on vein of coal 6 ft. thick, bears N. 75 lks. dist.
25.23	Road, bears N. W. & S. E.
26.00	Cottonwood Creek 8 lks. wide, 6" deep, course S. in cañon, 450 ft. deep.
27.60	Ascend.
40.15	Marked a stationary sandstone 40 x 20 x 14 ft. above ground, with a cross (+) at cor. point and 1/4, and raised a stone mound 1 1/2 ft. hi

Subdivision of T. 17 S., R. 6 E.

Ch

2 ft. base alongside, from which
cedar 1 ft. in dia. bears N. 5° E., 18
dist. marked 1/4 S. B. T.
A cedar 8 ins. dia. bears N. 45° E., 22
dist. marked 1/4 S. B. T.
Thence ascend broken s

— 80.30 The cor. to Secs 23. 24. 25 & 26.
and broken, rocky, E. side of
mountain
oil - 4th rate - rocky.
Timber - a few pine
Mountainous land - on 80.30 chs.
December 9th 1892.

0° 01' W. bet. Secs 23 & 24
Var. 15° 36' E.
Over broken steep and rocky N. E.
side of mountain.
40.00 et a sandstone 16 X 7 X 5 ins., 12" in
ground for 1/4 Sec. cor., marked 1/4 on
W. face and raised a stone mound
1 1/2 ft. high, 2 ft. base alongside. Pits
practicable.
64.00 Ledge 27 ft. high bears S. E. & S. W.
70.75 Wash in bottom of cañon from
de cañon heads S. W.
75.15 ad bears N. W. & S. E.
75.90 orth Cottonwood Cr., 8 lks. wide,
0" deep, course S. E. in cañon 400 ft
deep.
— 80.00 Set sandstone 30 X 14 X 12 ins., 21" in
for cor. to Secs 13, 14, 23 & 24
arked with 3 notches on S, & 1 on
dges and raised a stone mound 1 1/
ft. high, 2 ft. base alongside. Pits
impracticable. from which
mahogany 6" in dia. bears N. 40°
20 lks. dist. marked S. 14 T. 17 S. R. 6 E. B.

Subdivision of T. 17 S., R. 6 E.

Chain

mahogany 8" dia. bears N. 75° E. 80 lks. dist. marked S. 13 T. 17 S. R. 6 E. B. T.
sandstone boulder, 15 x 15 x 6 ft. bears W. 15 lks. dist. marked with a cross and B. T.
and - high broken mountains.
Soil - 4th rate - rocky.
A few pine and mahogany.
Mountainous land on 40 chs.

89° 41' E. on a random line bet. Secs. 3 & 24.
Var. 15° 36' E.
40.00 Set temp. 1/4 Sec. Cor.
79.90 Intersect East Boundary of T. 5 lks. S. of cor. to Secs. 13, 18, 19 & 24 from which I run
N. 89° 43' W. on true line bet. Secs. 13 & 24.
Var. 15° 36' E.
Descend over broken, steep and rocky S. W. side of mountains.
39.95 set a sandstone 13 x 8 x 7 ins., 9" in the ground, for 1/4 Sec. cor., marked 1/4 on N. face, and raised a stone mound 1 1/2 ft. high, 2 ft. base on side. Pits impracticable.
72.00 Ledge 20 ft. high
79.90 The cor. to Secs. 13, 14, 23 & 24.
and - broken, steep rocky mountains
oil - 3rd rate - rocky.
Timber - a few pine
Mountainous land on 79.90 chs.

Subdivision of T. 17 S. R. 6 E.

h

West on true line bet. Secs. 14 & 23 -
Var. 15° 36' E.

1.30 Spring Branch 2 lks. wide 2" deep, course S.

4.75 orth Cottonwood Cr. 8 lks. wide, 3", course S.E. in cañon 400 ft. deep.

6.30 Road, bears S.E. & N.W.

8.00 Ascend.

16.00 Ledge 15 ft. high, bears N.W.
Thence ascend over broken, rocky ain-side.

- 40.00 et a sandstone 14 x 10 x 9 ins., 9½" in the ground, for ¼ Sec. cor., marked ¼ face and raised a stone m 1½ ft. high, 2 ft. base alongside. Pits practicable.
Note.- I abandon this line on count of unavailable and accessible mountains.
Land mountains, soil 3rd rate rocky, No Timber
Mountainous land 40 ch's.

N. 0° 01' W. bet. Secs. 13 & 14
Var. 15° 36' E.
Ascend on S.W. slope

11.00 Ledge, 20 ft. high, bears N.W.
Thence over broken mountains.

0.00 Set a sandstone 16 x 7 x 4 ins., 12" in ground for ¼ Sec. cor. marked ¼ on W. face, and raised a stone 1½ ft. high, 2 ft. base alongside. Pits impracticable.

- 80.00 et a sandstone 15 x 9 x 9 ins., 10" in ground for cor. to Secs. 11. 12. 13 & 14, marked with 4 notches on S. and 1 on E. edges, and raised a stone mound 1½ ft. high, 2 ft. ase alongside. Pits impractic
Land - broken mountains
oil - 4th rate - ro

Subdivision of T. 17 S., R. 6 E.

Timber - a few aspen.
Mountainous land on 80 chs.

Note. - The land East being unavailable and inaccessible this point. Run N. 0° 01' W. bet. Secs. 11 & 12
Var. 15° 36' E.
6.50 ulch 60 ft. deep, course W.
32.00 " 40 " " " S. W.
40.00 Set sandstone 15 x 9 x 6 ins., 10" in ⌀ for 1/4 Sec. cor., marked 1/4 on face and raised a stone ⌀ 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
Note. - The land North being available and inaccessible, abandon line here.
Land - broken mountains.
oil - 4th rate - rocky
timber - a few aspen
Mountainous land on 40 chs.

West on true line bet. Secs. 11 & 14
Var. 15° 56' E.
Note. - This change of 20' in caused by local attraction. I find variation increasing as I ascend the cañon.
Descend on N. W. slope.
4.50 Ledge 20 ft. deep.
28.00 Side cañon heads N. W.
5.00 south point of Ledge - break.
40.00 Set a sandstone 18 x 16 x 12 ins., 13" ground for 1/4 Sec. cor. marked 1/4 N. face and raised a stone

Subdivision of T. 17 S., R. 6 E.

mound 1½ ft. high 2 ft. base
gside. Pits impracticable.
45.50 North Cottonwood Cr. 6 lks. wide, 6"
deep, course S.E. in cañon 300 ft. deep.
46.00 Road, bears N.W. & S.E.
54.00 Ascend
60.00 Ledge 20 ft. high bears N.W.
Thence ascend over broken, rocky,
E. side of mountains.
– 80.00 at a sandstone 16×10×7 ins., 10" in the
d for cor. to Secs. 10. 11. 14 & 15
d with 4 notches on S., & 2
E. edges and raised a stone mound
1½ ft. high, 2 ft. base alongside.
Pits impracticable.
and broken, steep & rocky moun-
tains.
Soil – 4th rate – rocky.
Timber – a few aspen & pine.
Mountainous land on 80 chs.

.0°01' E. bet. Secs. 14 & 15.
Var. 15° 56' E.
cend broken, rocky & steep N.W.
of mountains.
– 40.00 at a sandstone 9×9×7 ins., 7" in the
ground for ¼ Sec. cor. marked ¼ on N.
ace and raised a stone mound 1'
ft. high, 2 ft. base alongside. Pits
practicable.
Land – broken mountains
oil – 3rd rate – rocky –
Timber – a few aspen
Mountainous land on 40 chs.

Subdivision of T. 17 S., R. 6 E.

Ch

West on true line bet. Secs. 10 & 15.
Var. 15° 56' E.
Ascend rocky mountain face
40.00 et a sandstone 11x10x6 ins., 8 ins. in ground for 1/4 Sec. cor., marked 1/4 W. face, and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
Note.- I abandon this line on account of unavailable and accessible mountains.
Land - broken mountains.
Soil - 3rd rate - rocky.
Timber - a few aspen
tainous land on 40 chs.

W. 0° 01' W. bet. Secs. 10 & 11.
Var. 15° 56' E.
Descend from broken mountains.
23.50 Ledge 25 ft. deep.
27.50 Road bears W. into side cañon
Thence along Cottonwood Cañon
40.00 et a sandstone 16x12x5 ins., 12" in the ground for 1/4 Sec. cor. marked 1/4 on W. face, and raised a stone
d 1 1/2 ft. high 2 ft. base
de. Pits impracticable.
47.00 Wash from side cañon, course E.
57.70 North Cottonwood Cr. 8 lks. wide 6 ins. deep, course S. E. in c
300 ft. deep.
61.50 East bend of Creek
65.00 North Cottonwood Cr. 8 lks. wide, 6" deep, course S. W.
68.00 West bend of Creek
78.00 orth Cottonwood Cr. 8 lks. wide, 6 deep, course S. E.
80.00 et a sandstone 14x10x4 ins., 10"

Subdivision of T. 17 S., R. 6 E.

Chains

in the ground, for cor. to Secs. 2, 3, 10 & 11 marked with 5 notches on S., & 2 on E. edges, and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable. Land mostly broken mountain cañon.
Soil - 3rd rate - rocky.
Timber - a few aspen
Mountainous land 80 chs.

East on a true line bet. Secs. 3 & 11
Var. 16° 16' E. (change caused by local attraction)

0.05 Road, bears N. W. & S. E.
2.50 Ascend from cañon
9.00 Ledge 20 ft. high
Thence over broken W. face of mountains
40.00 Set a sandstone 8 x 8 x 8 ins., 6" in the ground, for ¼ Sec. cor. marked ¼ on N. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
Note.- I abandon this line on account of land being unavailable and inaccessible.
Land broken mountains.
Soil - 3rd rate - rocky
Timber - a few aspen
Mountainous land on 40 chs.

West on true line bet. Secs. 3 & 10
Var. 16° 16' E.

1.25 Cottonwood Cr. 8 lks. wide, 6" deep; course S. in cañon 300 . deep.

Subdivision of T. 17 S., R. 6 E.

Chains	
1.75	Old road, bears N. & S.
7.50	S. W. point of cañon bluff.
7.60	Spring Branch 5 lks. wide, 2" deep, course S.
23.50	Ascend N. E. slope.
40.00	Set a sandstone, 16 x 7 x 7 ins., 12" the ground for 1/4 Sec. cor. marked 1/4 on N. face, and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracti

Note.- I abandon this line, the land West being unavailable & inaccessible.

Land- broken mountains.
oil - 3rd rate - rocky.
Timber - a few aspen
ainous land on 40 chs.

V. 0° 01' W. on a random line bet ecs. 2 & 3.
Var. 16° 16' E.

40.00	et temp. 1/4 Sec. cor.
80.35	Intersect North Boundary of 1. 16 lks. E. of cor. to Secs. 2 & 3, a sandstone firmly set, and witnessed as described by urveyor General, from

I run
S. 0° 08' E. on true line bet. Secs. 2 & 3
same variation

See note 3, p. 1. Corr. notes.

Over heavy, rolling E. slope of mountains.

40.33	Set a sandstone 16 x 7 x 7 ins., 12" the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
48.00	Ledge 100 ft. deep.

Subdivision of T. 17 S., R. 6 E.

57.00 Enter Cottonwood Cañon,
a side cañon heads N. W.
70.00 Cottonwood Cr. 8 lks. wide, 6" deep,
course S. W. in cañon 300 ft. deep.
72.20 Road, bears N. E. & S. W.
80.15 " " N. W. & S. E.
80.35 The cor. to Secs. 2. 3. 10 & 11
Land - high broken mountains
oil - 3rd rate - rocky.
Timber - some aspen
Mountainous land on 80.35 chs.

December 10th 1892.

✓ 2 miles 0.55 chs. of these lines run over mountainous land.

General Description
The portion of this township,
in the foregoing survey,
consists of the cañon valley of the
orth fork of Cottonwood Creek.
It is suitable principally for
dairy purposes, and is being utilize
season in that way, by the
in ants of Castle Valley.
The N. E.¼ of Sec. 23, all of Sec. 24,
d 25, and the E.½ of Sec. 36
contain valuable coal deposits,
and are therefore returned as
coal-land.
Coal is being mined in Sec. 25
and shipped to Castle Valley.

Adolphe Jessen
Augustus D. Pinon
U. S. Deputy Surveyors

1+2, p.1.
Notes

BOOK A-237

Correction Notes
Subdivisions Tp. 17 S., R. 6 E.

No. of Notes

1 The improvements in Sec. 25, consisting of 3 tunnels driven on a coal vein of about 5 ft. in thickness, and 4 dwelling houses, could not be seen from any part of the lines surveyed, and were located subsequently by a traverse line as follows:
From a point 26.41 chs west of the Cor. to Secs. 24 & 25 on the E. By. of the Tp. which I designate as Sta A, I run South 31.60 chs to Sta. B, on W. edge of dump, at mouth of coal tunnel, from which mouth of tunnel on W. side of canon bears: N. 84° W. 3.75 chs. dist. From Sta. B I run S. 10° E. at 9.50 chs. a cabin on line; at 10.25 chs a Frame House 40 lks E. of line; at 11.30 chs, a "dug out" house 125 lks E. of line; at 12.00 chs, a "dug out" house 60 lks E. of line; at 25.50 chs, Sta. C. from which a coal opening bears: S. 69° W. 3.75 chs dist. From Sta. C I run S. 26°15 E. 22.68 chs to Sta. D. From Sta. D I run East 11.43 chs. to Sta E. from which the Cor. to Secs. 25 & 36 bears N 5° E, 24 lks dist.

2 John F. Heath and Geo. E. Yeadon, the applicants for the survey of this Tp., I was informed by some of the neighboring settlers, own most of the improvements in Sec. 25. The houses were all locked up, and none of the occupants at home, at time of survey.

3 In writing up my notes, I unfortunately got hold of a manual of 1890, in which the phrase "with same va." was retained. The survey was made according to the "corrected" manual of 1890, It will be observed that wherever the variation changed in this survey on a return line, the change was noticed, and the variation of such return line was given in degrees and minutes. So that the phrase "with same va." can not mislead, as the variation given in the beginning of a mile holds good for both random and true courses.

Adolphe Jessen
Augustus A. Ferron
U. S. Dep. Surveyors

A-237

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[5.—FINAL CAPES OF ASSISTANTS.]

We hereby certify that we assisted Philipp Jorgensen and Augustus D. Ferron United States deputy surveyor, in surveying all those parts or portions of the Meridian, Exterior and Subdivision lines in Tp. No 26 S., R 4 E., Tp 12 S. R 6 E., Tp. 13 S. R 5 E., and Tp 17 S., R 6 E.

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

, ~~Compassman.~~

Jos. M. Humphrey, Chainman.

Wm R. Heath, Chainman.

Henry McKenna, Chainman.

Peter Jorgensen, Chainman.

W. F. Christensen, ~~Axeman~~ flagman

J. P. Jorgenson, ~~Axeman~~ flagman

J. D. Ferron, ~~Flagman~~ Axeman

Subscribed and sworn to before me this

~~day of~~ December 24th 1892

Philipp J. Silverbe

Notary Public

List of Names.

A list of the names of the individuals employed by Adolphe Jessen and Augustus J. Ferron, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the Meridian Exterior & Subdivision lines in Tp. No. 26 South R 4 E. T 12 S. R 6 E. T 13 S. R 5 E. and T 17 S. R 6 E. of the Salt Lake Base & Meridian, Utah

~~Meridian, in~~ ....., showing the respective capacities in which they acted:

Jos. M. Humphrey Chainman
Wm. R. Heath "
Henry McKenna "
Peter Jorgensen "
W. F. Christensen Flagman
J. P. Jorgensen "
J. P. Jensen Axeman

Final Oath of Assistants:

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

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

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

SEAL

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Final Oath of U. S. Deputy Surveyor.

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

..... Meridian, in the ....., as are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....

U. S. Deputy Surveyor.

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

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City Utah
March 21, 1896

The foregoing field notes of the survey of The Subdivisions of Township 17 South Range 6 East of the Salt Lake Base and Meridian Utah

..... executed by Adolphe Jessen and Augustus D. Lenon under the Contract No. 187, dated June 24th, 1895 having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George W. Lenon

U. S. Surveyor General.

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

.....

U. S. Surveyor General.

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PAGE

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No. 3. B.

BOOK A-237

FIELD NOTES

OF THE SURVEY OF

Part of North Boundary
" " East "
and West "
of
Township No. 30 S. Range No. 7 E.

Of the Salt Lake Meridian,

in the Territory of Utah

AS SURVEYED BY

Adolphe Jessop and Augustus D. Pierson, U. S. Deputy Surveyors

Under ~~this~~ Shew Contract No. 187, dated June 20th 1892.

Survey commenced May 1st, 1895.

Survey completed " 10th, 1895.

(8C30—2/'00.) 6—151

Names and Duties of Assistants.

Martin D. Allred	Chainman
Sidney A. Hanks	"
A. F. Allred Jr.	Flagman
Albert W. Shiner	Axeman

BOOK A-237

INDEX DIAGRAM.

N. E. & W. Boundary

Township 30 S, *Range* 7 E.

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[2.—PRELIMINARY OATH OF CHAINMEN.]

We, Joseph H Ellett, Leo Holt ~~and~~ Martin W Collard and Sidney A Hawkes do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plum the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length 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 Standard Exterior and Subdivision lines in Tps 29+30 S., Rs. 5.6+7 E., - Tp. 26 S., R 5 E., and Tp. 25 S., R. 4 E. of the Salt Lake base and meridian in the Territory of Utah.

Joseph H. Ellett, Chainman.

Martin W. Collard, Chainman.

Leo R. Holt, Chainman.

Sidney A Hawkes, Chainman.

Subscribed and sworn to before me this 12 day of May 1895

John H Crafter
Notary Public

My Com expires Sept 15th/95

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[3.—PRELIMINARY OATH OF AXEMEN.]

We, Albert W. Shiner
and William R. Heath
do solemnly swear that we will well and truly perform the duties of axemen, in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of Standard Exterior and Subdivision lines in Tps 29 & 30 S., Rs 5, 6 & 7 East. – Tp 26 S. R 5 E. – and Tp. 25 S., R 4 E.

of the Salt Lake base and meridian in the Territory of Utah.

Albert W Shiner, Axeman.
Wm R Heath, Axeman.

Subscribed and sworn to before me this 1st day of May 1895

John H Curfew
Notary Public
My Com Expires Sept 15th/95

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[2.—PRELIMINARY OATH OF ~~AXEMEN.~~ Flagmen]

We, A. J. Allred Jr.

and Wm. R. Heath

do solemnly swear that ~~we~~ will well and truly perform the duties of ~~Axemen~~ Flagmen, ~~in the establishment of corners and other duties~~, according to instructions given us, and to the best of our skill and ability, in the survey of Standard Exterior and Subdivision lines in Tps. 29 & 30 S., Rs 5.6 & 7 E. - Tp 26 S., R. 5 E. - and Tp 25 S. R 4 E.

of the Salt Lake base and meridian in the Territory of Utah.

A J Allred ~~Axeman~~ Jr Flagman

Wm R Heath ~~Axeman~~ Flagman

Subscribed and sworn to before me this 1st

day of May 1895

John H Curfew

Notary Public

My Commission Expires Sept 15th 1895

206 B

North Boundary of T. 30 S., R. 7 E.

Chain

urvey commenced May 1st 1895.
I examine the adjustments of my Young & Sons Transit and find them correct.
From the cor. to Secs 2. 3. 34 & 35 on the N. Boundary of T. 30 S. R. 7 E., in Long. 111°15' W. and in Lat. 38°15' N., which is a stone firmly set, marked and witnessed as described by the Surveyor General, I observe Polaris on its Eastern Elongation, April 30th 1895, at 16 h. 46 m. astronomical time, and find it to have a magnetic bearing of N. 13° 29' W.
North end of Needle 13° 29' E.
The azimuth for 38°15' N. Lat. 1° 36' E.
The sum is the var. 15° 05' E.
I lay off the azimuth to the West and mark the meridian so determined by driving a picket chs. N. of cor.

At 7 a. m. May 1st the magnetic bearing of said true line is N. 15° 07' W. which reduced by the table in manual, gives the mean magnetic declination, 15° 03' E.
From the above cor. I run West on a true line bet. Secs 3 & 34
Var. 15° 01' E.

2.00	Rocky gulch 60 ft. deep, course N. E
23.50	" " 40 " " " "
30.50	" " 50 " " " N.
37.00	" " 40 " " " "
39.65	" " 80 " " " N.
40.00	Set a sandstone 19x10x6 ins., 14 ins. in the round or 1/4 Sec. cor. marked 1/4

North Boundary of T. 30 S., R. 7 E.

1 1/2 ft. high, 2 ft. base alongside.
Pits impracticable.
40.75 Ascend in gulch.
42.50 Two forks of gulch heading N.W. & S.
8.00 ame gulch, course N. E.
70.50 Descend
73.00 Rocky gulch 150 ft. deep, course
75.00 Ridge 150 ft. high, bears N. & S.
– 80.00 Set a shalestone 20 x 12 x 6 ins., 15 ins.
in the ground for cor. to Secs. 3. 4. 33 &
34, marked with 3 notches on E.
dges, and raised a stone mound 1 1/2
'. high, 2 ft. base alongside. Pits
ticable.
and broken E. slope of rocky reef.
oil - 4th rate - rocky.
No Timber
Mountainous land 80 chs.

West on a true line bet. Secs. 4 & 33.
Var. 15° 01' E.
2.00 ulch 175 ft. deep, course N. W.
cend.
5.50 T of ledge.
18.50 S descent from ledge.
24.10 ch 160 ft. deep, course N. E.
Ascend.
30.20 Top of ledge.
40.00 et a shalestone 16 x 10 x 9 ins., 10 ins.
the ground for 1/4 Sec. cor.
3/4 on N. face, and raised
a stone mound 1 1/2 ft. high, 2 ft.
ase alongside. Pits impractic
45.50 Gulch 50 ft. deep, course N. W.
54.2 Descend
57.00 ch 150 ft. deep, course N. E.
Ascend.
61.00 Top of ledge.

North Boundary of T. 30 S., R. 7 E.

80.00 at a shalestone 17x6x6 ins., 11 ins. in the ground, for cor. to Secs. 4. 5. 32 & 33 marked with 4 notches on E. 2 on W. edges and raised a stone 2 1/2 ft. high, 2 ft. base alongside. Pits impracticable. and broken E. slope of rocky reef. oil 4th rate rocky
No Timber
Mountainous land 80 chs.

Note. On account of impracticable ridges unsurveyable by dinary methods and unsuitable agricultural purposes, I abandon this line.
May 1st 1895.

East Boundary of T. 30 S., R. 7 E.

From the cor. to Secs. 13. 18. 19 & 24 on
E. Boundary of T. 30 S., R. 7 E.,
is a stone firmly set,
marked and witnessed as de-
cribed by the Surveyor General,
I observe Polaris on its Eastern
Elongation May 1st 1895, 16 h. 42 m
cal time, I find its
magnetic bearing to be N. 13° 09' W.
end of Needle 13° 09' E.
The azimuth is 1° 36' E.
The sum is the variation 14° 45' E.
lay off the azimuth to the W
and mark the meridian so
determined by driving a picket
5 chs. N. of cor.

At 7 A. M. May 2nd 1895, the magnetic bearing
said true meridian is N. 14° 47'
ich, reduced by the table in
manual, gives the mean mag-
ic declination 14° 44' E.
from above cor. I run
outh bet. Secs. 19 & 24
Var. 14° 44' E.

39.50 Enter solid sandstone floor.
40.00 Marked a cross (+) at cor. point x
¼ on West side of the cross, and
aised a stone mound 1½ ft. high,
2 ft. base alongside. Pits
impracticable.
50.50 Enter Burro Seap wash, course S. E.
51.75 Leave same.
56.2 rocky gulch 40 ft. deep, course E.
70.00 " " " 30 " " " "
80.00 at a Trachyte stone 14 x 9 x 5 ins., 9
ins. in the ground for cor. to Secs.
19. 24. 25 & 30 marked with 4

East Boundary of T. 30 S., R. 7 E.

on N. & 2 on S. edges and
a stone mound 1½ ft. high,
ft. base alongside. Pits
Land - broken E. slope rocky reef.
oil - 4th rate - rocky & sandy.
o Timber.
Mountainous land 80 chs.

outh bet. Secs. 25 & 30.
Var. 14° 44' E.
12.50 Ridge 150 ft. high, bears E. & W.
30.00 Ravine 75 ft. deep, course E.
0.00 et a sandstone 13 x 7 x 6 ins., 8 ins. in
the ground for ¼ Sec. cor. marked ¼
on W. face and raised a stone moun
½ ft. high, 2 ft. base alongside.
Pits impracticable.
52.50 Ridge 50 ft. high, bears E. & W.
70.50 Descend
75.00 Gulch 275 ft. deep, course E.
id
80.00 et a sandstone 30 x 18 x 10 ins., 22 ins.
in the ground for cor. to Secs.
25. 30. 31 & 36 marked with 5
on the N. and 1 on the S. edges, an
aised a stone mound 1½ ft. high,
2 ft. base alongside. Pits
impracticable.
Land - broken sandstone and
and gypsum hills forming
E. slope of Water Pocket Reef.
oil - 4th rate - rocky & sandy.
o timber.
Mountainous land 80 chs.

East Boundary of T. 30 S., R. 7 E.

Chains	
	South bet. Sec. 31 & 36.
	Var. 16°40' E. (change in var. caused by local attraction).
2.75	Ridge 150 ft. high, bears E. & W.
16.50	Gulch 175 ft. deep, course E.
32.00	Top of ridge 175 ft. high, bears E. &
	Gentle descent.
40.00	Set a sandstone 20 x 12 x 8 ins., 15 ins in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
66.00	Steep descent.
73.50	Bottom of gulch 150 ft. deep, course E.
	Ascend.
75.00	Ridge 150 ft. high, bears E. & W.
80.00	On N. side of gulch 150 ft. deep, 150 yds. W. of a natural bridge spanning said gulch, set a shalestone 20 x 12 x 4 ins., 15" in ground, marked with S.C. on N. and 6 notches on N. E. & W. faces and raised a mound of gypsum 4 ft. high, 5 ft. base alongside. Pits impracticable.
	Land - E. slope of Capitol Reef
	Soil - 4th rate - rocky & sandy.
	No Timber
	Mountainous land 80 chs.
	May 2nd 1895.

See Note 2, p. 1 Corr. notes

See Note 1, p. 1 Corr. notes

West Boundary of T. 30 S., R. 7 E.

Chain Survey commenced May 10th 1895.
From the standard cor. to Tps. 30
Rs. 6 & 7 E. set by me May 6th 1895, I
ht over the meridian there
ablished and run
orth bet. Secs. 31 & 36 the
agnetic declination being
15° 50' E. which was determined by
me in running the Standard
Parallel.

18.00 Top of ridge point beare S.W. 1/2
rile, & N. E.
Thence very abrupt descent.

0.00 Set a sandstone 16 x 8 x 5 ins., 11 ins.
in the ground for 1/4 Sec. cor.
1/4 on W. face and raised a stone
mound 1 1/2 ft. high, 2 ft. base
alongside. Pits impracticable.

45.40 Pleasant br. 20 lks. wide, 10 ins.
deep, course N. E. in cañon 200 ft.
deep.

46.00 Road beare N. E. & S. W.
Ascend.

68.00 Ridge 700 ft. high, beare N. E. & S.
descend.

80.00 Set a sandstone 17 x 9 x 8 ins., 11 ins.
the ground for cor. to Secs. 25. 30.
31 & 36 marked with 1 notch on S.
5 on N. edges, and raised a
stone mound 1 1/2 ft. high, 2 ft.
ase alongside. Pits impractica
ble.
Land - high mountains.
oil - 4th rate - rocky
No Timber
tainone land 80 chs.

West Boundary of T. 30 S. R. 7 E.

Chains	
	North bet. Secs. 25 & 30
	Var. 15°50' E.
	Descend
6.75	Wash in gulch 300 ft. deep, course N. E.
	Ascend
19.00	Enter Flat Top Ridge, bears N. E. & S. W.
8.00	Descend
35.25	Wash in gulch 250 ft. deep, course N. E.
	Ascend
40.00	Set a sandstone 24 x 20 x 5 ins., 15 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face, and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
49.00	Enter Flat Top, bears N. E. & S. W.
58.00	Descend
73.50	Wash in gulch 400 ft. deep, course S. E.
	Ascend
80.00	Near Flat Top set a sande 22 x 8 x 4 ins., 17 ins. in the grou for cor. to Secs. 19, 24, 25 & 30 marked with 2 notches on S. & 4 on W. edges raised a stone mo 1/2 ft. high, 2 ft. base alongside. Pits impracticable.

Land - high mountains
Soil - 4th rate - rocky
0 Timber.
Mountainous land on 80 chs.

N. bet. Secs. 19 & 24
Var. 15° E. (change occasioned local attraction.)

West Boundary of T. 30 S., R. 7 E.

Chain
0.75 Top of bluff bears N. W. & S. E.
Gentle S. E. descent
1.85 Rocky gulch 30 ft. deep, course S. E.
7.25 " " 25 " " " "
25.00 " " 100 " " " N. E.
28.50 East point of ridge.
32.00 Rocky gulch 50 ft. deep, course S. E.
0.00 w small gulch, course S. E. set
sandstone 18 x 10 x 3 ins., 12 ins. in
ground for 1/4 Sec. cor. marked
W. face and raised a stone
md 1 1/2 ft. high, 2 ft. base
alongside. Pits impracticable.
48.50 Gulch 30 ft. deep, course N. E.
59.00 Rocky gulch 50 ft. deep, course N. E.
63.00 " " " " " " "
78.30 " " 100 " " " "
80.00 On solid ledge in stone mound set
a sandstone 24 x 14 x 3 ins. 18 ins. in
the ground for cor. to Secs. 13. 18. 19 & 2,
marked with 3 notches on N. & S.
edges and raised a stone mound
1 1/2 ft. high, 2 ft. base alongside.
Pits impracticable.
From which
pine 3 ins. in dia. bears S. 35° W.,
24 lks. dist. marked T. 30 S. R. 6 E.
24 B. T.
No other trees in limit.
and - high mountains.
oil - 4th rate
No Timber
Mountainous land 80 chs.

North - bet. Secs. 13 & 18
Var. 15° E.
4.00 J cky gulch 100 ft. deep, course N. E.
0.50 " " " " " " "

West Boundary of T. 30 S., R. 7 E.

Chain

26.50 Rocky Gulch 75 ft. deep, course N. E.

4.30 " " " " " " "

0.00 Marked solid ledge of sandstone with cross (+) at cor. point 1/4 and raised a stone mound 5 ft. b 3½ ft. high alongside. Pits impracticable.

0.00 ocky gulch 100 ft. deep, course E., into Capitol Wash Gulch 3/4 mile dist.

63.00 Steep descent

67.00 Bottom of main Capitol Wash Gulch 200 ft. deep, course S. 70° E.

74.00 Ridge 200 ft. high bears E. & W.

0.00 at a sandstone 40 x 16 x 4 ins., 30" the ground for cor. to Secs. 7, 12, 13 & 18, marked with 4 notches on ., and 2 on N. edges and raised a e mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.

Land - mountainous

Soil 3rd & 4th rate.

No timber.

Mountainous land 80 chs.

orth ' t. Secs. 7 & 12.

Var. 15° E.

9.80 Gulch 30 ft. deep, course S. E.

19.50 Road from Junction to Capitol Wash bears N. W. & S. E.

20.50 Foot of Capitol Wash Reef 400 ft. high

1.00 Top of ledge 400 ft. high

40.00 at a sandstone 18 x 16 x 5 ins., 12 ins. the ground for 1/4 Sec. cor. marked 1/4 on W. face & raised a stone id 1½ ft. high, 2 ft. base alongside. Pits impracticable.

West Boundary of T. 30 S. R. 7 E.

80.00 Set a sandstone 20 x 14 x 12 ins., 15 ins. in the ground, for cor. to Secs. 1. 6. 7 x 12 marked with 5 notches & 1 on N. edges and raised a 1½ ft. high, 2 ft. base
igside. Pits impracticable.
and high mountains
oil - 4th rate, rocky -
No Timber
Mountainous land 80 chs.
May 10th 1895.

Note. - On account of unavail reef, unsurveyable by ordinary methods, I abandon line.

---

10 miles, 0.00 chs. of these lines pass over mountainous land.

General Description
This township is rough and mountainous, and embraces a art of what is called by geologis "Water Pocket Flexure," wh through this township diagonally, from N. W. & S. E. The S. W. corner contains a ment called Floral, a of about five or six famil ies.
This part should be subdivided.

Adolphe Jessen
Augustus D. Ferron
U. S. Dep. Surveyors.

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"orrection" of es

East Boundary Tp. 30 S., R. 7 E.

O. of A

1 The word notches in description of corner should be rooves, and is a clerical error.

2 insert for Stand. Cor. to Tps. 30 S., R 7 & 8 E.

Adolphus Jessen
Augustus D. Timon
U. S. dep. surveyor

List of Names.

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

Final Oath of Assistants:

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

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

SEAL

.....

.....

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Final Oath of U. S. Deputy Surveyor.

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

..... Meridian, in the ....., as are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....

U. S. Deputy Surveyor.

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

SEAL

.....

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City, Utah
March 21, 1896

The foregoing field notes of the survey of the North East & West Bound of Township 30 South Range 7 East of the Salt Lake Base & Meridian, Utah

..... executed by Adolphe Jessen & Augustus D. Fenon under their Contract No. 187, dated June 30th, 1892, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George W. Snow

U. S. Surveyor General.

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

.....

U. S. Surveyor General.

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(4—679.)

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BOOK A-237

K. F. B.

FIELD NOTES

OF THE SURVEY OF

the

Sixth Standard Parallel South,

through

Ranges 6 and 7 East.

Of the Salt Lake Meridian,

in the Territory of Utah

AS SURVEYED BY

Adolphus Jessen and Augustus F. Jessen, U. S. Deputy Surveyors.

Under ~~his~~ their Contract No. 187, dated June 30th 1892.

Survey commenced May 3rd, 1895.

Survey completed May 9th, 1895.

(5629)—2,'00.) 6—151

Names and Duties of Assistants.

Martin W. Allred	Chainman
Joseph A. Ellett	"
Sidney A. Hanks	"
Leo Holt	"
Wm. R. Heath	Axeman and Flagman
Albert W. Shiner	Axeman
A. J. Allred Jr.	Flagman

BOOK A-237

INDEX DIAGRAM.

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

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Preliminary Oaths of Assistants.

We, ...

.....

.....

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

.....

.....

.....

.....

....., *Chainman.*

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

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

.....

.....

We, ...

.....

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

.....

.....

.....

.....

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

.....*, Axeman.*

.....*, Axeman.*

.....

.....

.....

Sixth Standard Parallel South, through R. 7 E.

Chains

Survey commenced May 3rd 1895, I carefully test my Young & Sons Transit all its adjustments, and correct a slight error in one of the level bubbles. begin at the Standard cor. to Tps. 30 S. 7 & 8 E. set by me yesterday; at a point 2.63 ft. South of said Standard Cor., latitude 33° 10' N., longitude 111° 58' 21". At 16 h. 38 m., May 2nd, astronomical time, I observe Polaris at its Eastern ation, and mark the line by a tack driven in a stake 5 chs. N. of station.

At 7 A. M. May 3rd, I lay off the azimuth 1° 38' 6" to the West, and mark the true meridian by cutting a notch a stationary rock, West of the point established last night, the netic bearing of said meridian is 14° 48' W. which, reduced by table in manual, gives the mean magnetic declination 14° 45' East.

At this station being 2.63 ft. S. of the Standard cor. I turn from the true meridian, an angle of 89° 58' toward the West and run

N. 89° 58' W. on the Secant S. of Sec. 36

Ascend broken East slope of rocky reef

8.50 Gulch 100 ft. deep, head N. W.

19.50 " " " " " S. W.

Difference of measurement in 40 chs. of two sets of chainmen is 14 lks.

Position of middle point

By 1st set 40.02 chs.

By 2nd set 39.98 "

The mean is

40.00 18 ft. N. from the Secant at a shale stone 26 x 18 x 3 ins., 18 ins. in the ground, for Standard 1/4 Sec. cor. marked S. C. 1/4 on N. face, and

Sixth Standard Parallel South, through R. 7 E.

Chain

aised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable. From which
cedar 4 ins. dia. bears N. 5° W. 42 lks. marked S. C. ¼ S. B. T. No other trees in limit.

46.50 Gulch 150 ft. deep, course N.

57.50 Ridge 150 ft. high, bears N. E. & S. W.

55.00 ulch with "water pockets" 150 ft. course N. E.

69.00 Rocky gulch 40 ft. deep, course S. E.

, ifference between measurements of 80 chs. by two sets of chainmen is 8 lk. Position of middle point
1st set 79.96 chs.
2nd set 80.04 chs. The mean

80.00 Marked a stationary shale 18 x 18 x 6 ins. with a cross (+) at exact cor. int of Standard cor. to Secs. 35 & 3 and S. C. on N. with 1 groove on E., an 5 grooves on W. faces and raised a tone mound 1½ ft. high, 2 ft. alongside. Pits impracticable. and broken E. slope of rocky oil 4th rate rocky.
A few scattered pine & cedars ountainous land 80 chs.

89° 59' W. on the Secant, through Sec. 35.
Ascend broken E. slope of rocky reef

7.50 Water pocket Gulch 175 ft. deep, . W.

26.00 Top of ledge bears N. E. & S. W. descend abrupt in solid rock into gulch 40 ft. deep, course N. E. into Burro Seap C set a flag accross gulch, measure base of 30 chs. S. to a point from

Sixth Standard Parallel South, through R. 7 E.

Chain

ag in line bears N. 59° 11' W.
leave a flag at 26 chs. and proceed
flag point across gulch from
I measure a base of 20 chs. North to
point from which flag on E.
of gulch, bears S. 68° 18' E.
1st triangle Tan. 59° 11' = 1.6764 × 30 = 50.29 rs.
2nd triangle Tan. 68° 18' = 2.5129 × 20 = 50.26
Mean dist. = 50.275
+ 26.00 chs. = 76.275 chs.
76.27 Top of ledge 400 ft. deep, bears N. & S.
Difference between measurements of 8
is 16 lks. Position of middle point
By 1st set = 79.92 chs.
By 2nd set 80.08 chs. The mean is
- 80.00 1.57 ft. S. from Secant
a sandstone 19 × 9 × 7 ins., 14 ins. in
ound for Standard cor. to Secs. 34 & 35,
arked S. C. on N. with 2 grooves
E. & 4 grooves on W. faces, and raised
stone mound 1½ ft. high, 2 ft. base
alongside. Pits impracticable.
The ¼ Sec. cor. falls in an inaccess-
chasm, can not be set.
and - high cliffs.
oil - 4th rate - all sand & rock.
No Timber
Mountainous land 80 chs.
May 3rd 1895.

V. 89° 59' W. on the Secant through
ec. 34
Over deep, rocky chasms
3.75 Sandstone cliff 250 ft. deep.
14.00 Bottom of chasm, 250 ft. deep, course S.
Ascend.
27.00 point of ridge, 200 ft. above chasm,
9.00 Bottom of Chasm, course S. E.
cend

Sixth Standard Parallel South, through R. 7 E.

Chains	
	Difference in chaining by 2 sets of chainmen in 40 chs. is 6 lks.
	Position of middle point
	By 1st set 40.03 chs.
	By 2nd set 39.97 chs. The mean is
40.00	1.96 ft. S. from Secant
	Set a sandstone 26 x 10 x 8, firmly in mound of stone on solid rock, for standard 1/4 Sec. cor. marked S. C. 1/4 on N. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
49.00	Rock ridge bears N. & S. 200 ft. high.
	Descend.
67.75	Bottom of rocky gulch 200 ft. deep, course N.
	Ascend.
	The difference in chaining 80 chs. 2 sets of chainmen is 16 lks. P of middle point
	By 1st set 79.92 chs.
	By 2nd set 80.08 chs. The mean
80.00	On top of ledge 150 ft. high, bears N. & 2.09 ft. S. from Secant
	Set a sandstone 18 x 10 x 8 ins., firmly in a mound of stone on solid rock for Standard cor. to Secs 33 & 34, marked S. C. on N. & 3 grooves on E. & W. faces and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
	Land - high rock cliffs.
	Soil - 4th rate - all rock
	No Timber
	Mountainous land 80 chs.

Sixth Standard Parallel South, through R. 7 E.

est on the Secant through Sec. 33
Over rocky gulches
5.60 escend from ridge
19.00 ulch 200 ft. deep, course N. E. into
Cottonwood Seap Cañon.
Ascend.
20.00 Flat ridge bears N. & S.
34.00 Descend perpendicular Sandstone
Bluff 400 ft. high.
36.00 Enter "Little Mesa."
Difference in chaining 40 chs. by
2 sets of chainmen is 12 lks. Positi
of middle point
By 1st set 39.94 chs.
By 2nd set 40.06 chs. The mean is
0.00 1.96 ft. S. from Secant
Set a quartzite stone 28 x 20 x 11 ins.,
0 ins. in the ground for Standard 1/4
ec. cor. marked S. C. 1/4 on N. face,
and raised a stone mound 1 1/2 ft.
high, 2 ft. base alongside. Pits
impracticable.
45.70 Gulch 150 ft. deep, course S.
55.65 E of perpendicular Bluff 200
deep, bears N. & S.
62.15 A block of quartzite 20 x 10 x 10 ft.
in line at bottom of bluff
64.10 Road in "Big Hollow," course N.
cend.
68.50 Low ridge 30 ft. high, bears N. & S.
70.60 40 ft. deep, course N. E.
Difference in chaining 80 chs.
2 sets of chainmen is 18 lks. P
middle point
1st set 79.91 chs.
2nd set 80.09 chs. The mean is
-80.00 1.57 ft. S. from Secant
et a quartzite stone 24 x 15 x 8 ins.
Standard cor. to Secs. 32 & 33,
arked S. C. on N., and 4

note 1, p. 1. corr. notes.

Sixth Standard Parallel South, through R. 7 E.

Chains	
	W. E., and 2 grooves on W. faces and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable. From which
	A pine 5 ins. dia. bears N. 5° W. 49½ lks. dist. marked S. C., T. 30 S., R. 7 E., S. 32 B. T. No other trees in limits.
	Land - rocky ledges
	Soil - 4th & 3rd rate
	Timber - a few scrub pine.
	Mountainous land 80 chs.
	May 4th 1895.
	S. 89° 59' W. on the Secant line through Sec. 32.
	Ascend broken E. slope of Miner's Mountain Reef.
2.50	Rock gulch 50 ft. deep, course N. E.
14.50	" " 60 " " " "
21.20	" " 60 " " " "
25.75	" " 50 " " " "
39.70	" " 100 " " " "
	The difference in chaining 40 chs. by 2 sets of chainmen is 4 lks.. Position of middle point By 1st set 40.02 chs. By 2nd set 39.98 chs. The mean
40.00	0.92 ft. S. from Secant Marked stationary quartzite 8 x 6 x 3 ft., above ground, with a (+) at exact Stand'd 1/4 Sec. cor. point, and S. C. 1/4, and raised a stone mound 1½ ft. high, 2 ft. b alongside. Pits impracticable. From which
	A cedar 8 ins. dia. bears N. 89° E. 52½ lks. dist., marked S. C. 1/4 S. B. T. No other trees in limit
55.00	Descend ledge on N. side of previous

Sixth Standard Parallel South, through R. 7 E.

Chains

ulch, course S. 70° E. Thence
along N. side of gulch.
61.75 gulch.
Top of ledge 50 ft. high
68.75 Rock gulch 50 ft. deep, course N.
72.00 Ridge 50 ft. above last gulch bears
W. & S. E.
76.80 Rock gulch 140 ft. deep, course N.
Thence ascend small gulch.
The difference bet. measurements
of 80 chs. by 2 sets of chainmen is
14 lks. Position of middle point
By 1st set 80.07 chs.
By 2nd set 79.93 chs. The mean is
80.00 Set a quartzite stone 17X12X4 ins.,
1 ins. in the ground for Standard
cor. to Secs 31 & 32, marked S. C. on
5 grooves on E., & 1 groove on W. faces,
and raised a stone mound 1½ ft.
high, 2 ft. base alongside. Pits
impracticable. From which
pine 5 ins. dia. bears N. 18° E. 14
lks. dist., marked S. C. Tps. 30 S. R. 7
32 B. T. No other trees in limit.
Land - broken E. slope of reef
Soil - 4th rate - rocky.
No Timber
Mountainous land 80 chs.

S. 89° 58' W. on the Secant line S. of
Sec. 31.
Ascend on S. side of small gulch
12.00 Bottom of S. W. fork of same, ascend
perpendicular walls 40 ft. high
29.00 "Miner's Mountain" Ridge, bet.
"Big Hollow" and Pleasant Creek.
1000 ft. above Pleasant Cr. bears N. & S.
There is an increase 10 minutes

Sixth Standard Parallel South, through R. 7

Chain

ie declination of the needle at

4.70 Hollow 50 ft. deep, course N. W.
D of measurement of 40 chs
by 2 sets of chainmen is 12 lks.
Position of middle point.
By 1st set 40.06
By 2nd set 39.94. The mean is
0.00 1.18 ft. N. from Secant set a sand
stone 38 X 22 X 3 ins. 28". in the
for Standard 1/4 Sec. cor., mark
. C. 1/4 on N. face and raised a stone
mound 1 1/2 ft. high, 2 ft. base
alongside. Pits impracticable.
49.00 Gulch 75 ft. deep, course S. W.
The difference of measurement of
80 chs. by two sets of chainmen is
22 lks. The position of middle
is
By 1st set 80.11 chs.
By 2nd set 79.89 chs. The mean
— 80.00 2.63 ft. N. of Secant line
marked stationary flat edge
of quartzite at exact Standard
cor. point as follows:
S. 36 S. 31
S C
cross limbs 15 ins. long;
lines cut 1/4 in. deep and raised
stone mound 4 ft. base 3 ft.
alongside. Pits impracticable.
From which
pine 4 ins. dia. bears N. 10° W. 31
marked S. C. T. 30 S. R. 6 E. S. 36 B. T.
No other trees in limit
and very broken W. slope of reef
oil-4th rate-rocky-
no Timber.
Mountainous land 80 chs.
May 6th 1895.

Sixth Standard Parallel South, through R. 7 E.

Chain)

ote. The nights of May 3rd, 4th
5th were entirely cloudy, and no
observations of Polaris could be

— ndard Parallel South through R. 6
at last point determined on
Secant, which is 6 miles from the
, and 2.63 ft. S. of the
cor. to 1 ps. 30 S., R. 6 & 7 E.
take an observation of Polaris on
its Eastern elongation, May 6th
16 h. 22 m. astronomical time, and
mark the line by a tack driven
a stake 5 chs. N. of station.
7 A.M. May 7th I lay off the
imuth 1°35'.6 to the West, and
mark the true meridian by drivin g
a tack in a substantial stake
West of the point established
ght.
The magnetic bearing of this
eridian is N. 15°53' W. which,
duced by table in manual
gives the mean magnetic
declination 15°50' E.
As the topography of the grou n
will not permit of a test sigh
between any two established
on the Standard line, I therefore
asure the angle which my
meridian of last night makes
my Secant, the mean of
five readings, varying from 89°57'
to 8 °59', 89°58' which it

Sixth Standard Parallel South, through R. 6 E.

Chain

should be.
therefore deflect an angle of 4'
the North, and run
N. 89° 58' W. on a Secant S. of Sec. 36
13.50 Rock gulch 150 ft. deep, course S. W.
Ascend
0.00 250 ft. deep, course N. W. into
Pleasant Creek
4.50 Ridge 200 ft. high bears N. W. & S. E.
Descend
2.50 Pleasant Creek 15 lks. wide, 12 ins.
, course N. E.
33.50 Road bears N. E. & S. W.
36.00 N. point of rocks bet. Pleasant Cr. &
Sulphur Cr. Cañons
36.50 Road up Sulphur Cr. Cañon, N. E. & S.
36.75 ulphur brook 5 lks. wide, 4 ins.
, course N. E.
along N. side Sulphur
añon. ledge breaks
Difference bet. measurements of
40 chs. by 2 sets of chainmen, is
0 lks. Position of middle point
By 1st " set 40.05 chs.
By 2nd " set 39.95 chs. The mean is
40.00 1.18 ft. South from Secant
Set a quartzite stone 18 x 13 x 11 ins.,
12 ins. in the ground for Stand-
d 1/4 Sec. cor. marked S. C. 1/4 on
N. face and raised a stone mound
1/2 ft. high, 2 ft. base alongside.
Pits impracticable.
From which
pine 5 ins. dia. bears N. 85° E., 20
dist., marked S. C. 1/4 S. B. T.
No other trees in limit.
42.00 Foot of white & yellow sandstone
ledge 30 ft. high, bears N. E. & S. W.
42.50 Ledge 25 ft. high bears N. E. & S. W.
48.50 ch 70 ft. deep, course S. into

Sixth Standard Parallel South, through R. 6 E.

C'

Sulphur br.

49.00 T. 2 of Ledge 50 ft. high bears N. & S.

52.25 dge 35 ft. deep.

52.50 Rock gulch 75 ft. deep, course S.

59.00 Top of Red ledge 50 ft. high bears N. & S.

75.00 ulphur Creek and road, course S. E.

Ascend. Creek 5 lks. wide

Difference bet. measurements of 80 chs. by 2 sets of chainmen is 14 lks.

Position of middle point

By 1st set 80.07 chs.

By 2nd set 79.93 chs. The mean is

80.00 Set quartzite 17 x 10 x 5 ins., 11 ins. in ground for Standard cor. to Secs. 35 & 36, marked S.C. on N. and 5 grooves on W. and 1 on E. faces, and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which

A Norway pine 15 ins. dia. bears N. 60° W. 27 4 lks. dist. marked S. C. T. 30 S. R. 6 E. S 35 B. T.

No other trees in limit.

Land - broken mountains

Soil - 4th rate - rocky

No Timber

Mountainous land 80 chs.

N. 89° 59' W. on Secant through Sec. 35

4.00 ulch 100 ft. deep, course N.

20.00 Variation of Needle here changes to 4° 30' E. caused by local attraction

27.50 mall spring branch, in Ravine 200 deep, course N. E.

34.50 e v 50 ft. deep, course N. E.

C ce bet. measurements 2

Sixth Standard Parallel South, through R. 6 E.

Chain.

sets of chainmen in 40 chs. is 8 lks.
Position of middle point
By 1st Set 40.04 chs.
By 2nd Set 39.96 chs. The mean is
0.00 0.92 ft. S. of Secant
Marked a stationary Trachyte stone 6x4x3 ft., above ground with a cross (+) at cor. point, and 1/4 on N. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable. From which
red pine 7 ins. dia. bears N. 89° E. 44½ lks. dist. marked S. C. 1/4 S. B. T.
No other trees in limit.
51.00 N. point of red Bluff.
Thence along N. slope
Difference bet. measurements by 2 sets of chainmen in 80 chs. is 14 lks.
Position of middle point
By 1st set 80.07 chs.
By 2nd set 79.93 chs. The mean is
50.00 1.57 ft. S. of Secant.
at a sandstone 39x17x5 ins., 28" in the ground for Standard cor. to sec. 34 & 35 marked S. C. on N. and 2 grooves on E. & 4 grooves on W. faces and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
Land broken mountains.
Soil - 4th rate - rocky
No Timber
Mountainous land 80 chs.
May 7th 1895.

N. 89° 59' W. on the Secant through sec. 34
2.50 N. pt. Red Bluff on ridge 200 ft. high course N.W. & S. E.
29.00 Hollow 50 ft. deep, heads N. 2 chs., course S.

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Sixth Standard Parallel South, through R. 6 E.

Chain

The difference bet. measurements of 40 chs. by 2 sets of chainmen is 6 l.
Position of middle point
By 1st set 40.03 chs.
By 2nd set 39.97 chs. The mean
40.00 Set a sandstone 26 x 24 x 7 ins., 18 ins in the ground for Standard 1/4 Sec. cor. marked S.C. 1/4 on N. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which pine 4 ins. dia. bears N. 2° E. 42 lks. dist. marked S.C. 1/4 S.B.T. See Note 3, p. 1 Corr. Notes.
[illegible].6 Head of rock gulch 50 ft. deep, course S.
52.75 Wash, in ravine 75 ft. deep, course.
Difference bet. measurements of 80 chs. by 2 sets of chainmen is 12 lks.
Position of middle point
By 1st set 79.94 chs.
By 2nd set 80.06 chs. The mean is
80.00 209 ft. South from the Secant, set a sandstone 28 x 12 x 3 ins. 18 ins. in the ground, for Standard cor. to Secs. 33 & 34 marked S.C. on N. and 3 grooves on E. and W. faces and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which a pine 5 ins. dia. bears N. 85° W. 18 lks. dist. marked S.C.T. 30 S.R. 6 E. S. 33 B.T.
No other trees in limit.
and broken mountains.
Soil - 4th rate - rocky
Timber - a few scrub pines
Mountainous land 80 chs.

Sixth Standard Parallel South, through R. 6 E.

Chains

X West on the Secant through Sec. 33.
Over broken mountain
21.50 Top of ledge 100 ft. high E. side broad gulch.
30.00 West side of broad rocky gulch,
N. 10 chs., then easterly.
cend gradually high Trachyte ri
Difference bet. measurements of 40
by 2 sets of chainmen is 10 lks.
Position of middle point
By 1st set 40.05 chs.
By 2nd set 39.95 chs. The mean is
0.00 1.96 ft. S. from Secant, marked an
tensive ledge of rock with a cross
(+) at exact cor. point, and S. C. 1/4 N.
the cross (+) and raised a stone
4 ft. high, 3 ft. base alongside. Pits
impracticable.
70.00 Top of Trachyte ridge 200 ft. h,
bears N. & S. Var. here chan
cal attraction to 13°45'.
Thence along Flat Top.
Difference bet. measurements of 80 chs.
by 2 Sets of chainmen is 12 lks.
Position of middle point
By 1st set 79.94 chs.
By 2nd set 80.06 chs. The mean
See note 4 p. 1 Corr. Notes. 80.00 et a Trachyte stone 16 x 11 x 7 ins., 11 ins
in the ground for Standard cor. to
Secs 32 & 33 marked S. C. on N. & 4
ooves on E. & 2 on W. faces and
raised a stone mound 1 1/2 ft. high, 2
alongside. Pits impractic
From which
pine 3 ins. dia. bears N. 70° W. 13 lks. dist.
marked S. C. T. 30 S. R. 6 E. S. 32 B. T.
A pine 3 ins. dia. bears N. 40° E. 7 lks.
marked S. C. T. 30 S. R. 6 E. S. 33 B. T.
Land - broken mountains.
Soil - 3rd rate - rocky.
Timber - a few scattering pine

Sixth Standard Parallel South through R. 6 E.

Chains	
	Mountainous land 5 chs. May 8th 1895.
	S. 89° 59' W. on the Secant in Sec. 32
	Over broken mountains.
9.00	Descend into S. fork of Salt Lake Cr.
33.30	Ravine 1000 ft. deep with dry creek bed in bottom, course N. E.
	Ascend S. E. slope
	Difference bet. measurements of 40 chs. by 2 sets of chainmen is 6 lks. Position of middle point
	By 1st set 40.03 chs.
	By 2nd set 39.97 chs. The mean is
40.00	0.92 ft. S. of Secant,
	Set a Trachyte stone 18 x 12 x 6 ins., 12 ins. in the ground for Standard 1/4 Sec. cor. marked S. C. 1/4 on N. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
	Thence along S. side low mountain
	Difference bet. measurements of 80 chs. by 2 sets of chainmen is 14 lks.
	Position of middle point
	By 1st set 79.93 chs.
	By 2nd set 80.07 chs. The mean is
80.00	Set a Trachyte stone 22 x 8 x 4 ins., 16 ins. in the ground for Standard cor. to Secs. 31 & 32 marked S. C. on N. and 2 grooves on E. & 1 on W. faces and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
	From which
	A Norway pine 10 ins. dia. bears N. 57° W. 100 lks. dist. marked S. B. T. 30 S. R. 6 E., S. 31 B. T. No other trees in limit
	"and- broken mountains"
	oil-3rd & 4th rate-rocky.

Sixth Standard Parallel South, through R. 6 E.

	Chains	
		Timber - a few scattering pine.
		Mountainous land 80 chs.
		S. 89° 58' W. on the Secant S. of Sec. 31.
	1.50	Enter grove of Norway pine mixed with piñion
[illegible]	20.00	S. E. cor. J. E. Cornelius claim
[illegible] Correction notes.	21.50	A Wash 20 ft. deep, course S. E.
		Difference bet. measurement of 40 chs by 2 sets of chainmen is 14 lks.
		Position of middle point
		By 1st set 40.07 chs.
		By 2nd set 39.93 chs. The mean is
[illegible] Corr. notes.	40.00	1.18 ft. S. from the Secant,
		Set a Trachyte stone 30 x 16 x 13 ins, 22 ins. in the ground for Standard 1/4 Sec. cor. marked S. C. 1/4 on N. face, and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
	48.50	Previous Wash, course N. E.
	53.70	A wash 25 ft. deep, course N. E.
	57.37	Foot of perpendicular ledge, 200 ft. high, bears N. & S.
		Leave Timber.
	75.00	North point of alabaster ledge 500 ft. above flat.
		Descend.
		Difference bet. measurement of 80 chs by 2 sets of chainmen is 18 lks.
		Position of middle point
		By 1st set 79.91 chs.
		By 2nd set 80.09 chs. The mean is
[illegible] note 7 page 1. Cor. notes	80.00	Set a sandstone 39 x 14 x 6 ins., 29" in the ground for Standard cor. to T. 30 S., R. 5 & 6 E. marked S. C. on N. with 6 grooves on N. E. & W. faces, and raised a stone mound 5 ft. base, 4 ft. high alongside. Pits impracticable.

Sixth Standard Parallel South, through R. 6 E.

Ch

from which
pine 8 ins. dia. bears N. 22° W. 93 lks.
dist. marked T. 30 S. R. 5 E. S. 36 B. T.
0 other trees in limit
Land - high broken mountains.
Soil - 3rd & 4th rate - rocky
Timber - a few Norway and piñon pine
tainous land 80 chs.

ote. - The continuation of this West, passes over the main breaks of the aquarius Plateau, locally called the Boulder Mountain is unsurveyable by the ordinary prescribed methods. Furthermore, the land N. & S. of sai continuation of line is not for agricultural purposes. I therefore abandon the line here.

May 9th 1895.

✓ 12 miles, 0.00 chs. of these lines run over mountainous land.

General Description
The line through Ranges 7 & 6 East, over the fault uplifts of the E. side of the Aquarius Plateau or Boulder Mountain very broken and and contains some agricultur ds along the bottoms of the ch should be subdivided.

Adolphe Jensen
Augustus F. Simon
U. S. Deputy Surveyors.

Sixth Standard Parallel South, through R. 6 & 7 E.

o. of Notes

1 The Stand. Cor. to Sec. 32 & 33 was set 18 inches in the ground.

3 The ¼ sec. cor. on S. side Sec 34 was set 1.96 ft. S. from ecant. This ommission in the original notes returned by was a clerical error.

2 There were no grooves cut at this point. The of the Sections having been cut in lieu thereof.

4 The Stand cor. to Sec. 32 & 33, was set 1.57 ft. S. from the Secant, This ommission in the original notes, by me was a clerical error.

5 The S.E. cor. of S.E. Cornelius' claim was the only cor found of this claim. On this account I can it on the plat.

6 The ¼ sec. cor. on S. side Sec. 31 was set 1.18 ft. N. from the Secant. The statement in the original returned by me its being S. of same, was a clerical error.

7 The Stand. cor W Ths 30 S. R. 5 & 6 E. was set 2.63 ft. from the Secant. This ommission in the original returned by me was a clerical error.

Adolphe Jessen
Augustus D. Ferron
U. S. dep. surveyors

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List of Names.

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

Final Oath of Assistants:

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

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

SEAL

.....

.....

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Final Oath of U. S. Deputy Surveyor.

I, _____, U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions received from _____, U. S. Surveyor General for _____, bearing date of the _____ day of _____, 18 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for _____, the surveying manual, and the laws of the United States, surveyed all those parts or portions of _____ _____ Meridian, in the _____, as are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

_____
U. S. Deputy Surveyor.

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

SEAL

_____

Approval.

Office of the U. S. Surveyor General,
Salt Lake City, Utah
March 21, 1896

The foregoing field notes of the survey of The Sixth Standard Par. South on South Boundary of Tp. 30 South Range 6 & 7 East of the Salt Lake Base & Meridian Utah executed by Adolphe Jessen and Augusten D. Ferron under their Contract No. 187, dated June 30, 1892 having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George W. Snow
U. S. Surveyor General.

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

_____
U. S. Surveyor General.

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(4—679.)

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BOOK A-237

FIELD NOTES

OF THE SURVEY OF

the

Subdivisions

of

Township No. 30 North, Range 7 East

Of the Salt Lake Meridian,

in the Territory of Utah.

AS SURVEYED BY

Adolphus Jesson
Augustus D. Geron, U. S. Deputy Surveyor,

under ~~his~~ their Contract No. 187, dated June 30th, 1894.

Survey commenced May 11th, 1895.

Survey completed " 13th, 1895.

Names and Duties of Assistants.

Martin W. Allred	Chainman
Sidney A. Hankins	"
A. J. Allred Jr.	Flagman
Albert W. Shimer	Axeman

BOOK A-237

INDEX DIAGRAM.

Township 30 S., *Range* 7 E.

6	5	4	3	2	1
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19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page

Preliminary Oaths of Assistants.

WE, _____

_____

_____

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

_____

_____

_____

_____

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman.*

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

_____

_____

WE, _____

_____

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

_____

_____

_____

_____

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

_____, *Axeman.*

_____, *Axeman.*

_____

_____

_____

Subdivisions of T. 30 S. R. 7 E.

Sh.

Survey commenced May 11th, 1895.
From the standard cor. to Secs. 32 & 33 on the South Boundary set by me during this survey.
I sight West over the line on the South side of Sec. 32 and turn an angle of 90° N., which gives the true meridian, having a magnetic bearing of N. 15° 03' at 7.30 o'clock A. M., which reduces according to table in manual gives the mean declination 15° E. Thence I run
N. 0° 03' W. bet. Secs. 32 & 33.
Var. 15° E.

Sectate 1, p. 1 Corr. notes.

3.50 Rock gulch 30 ft. deep course N. E.
10.70 Road in "Big Wash" bears N. W. & E.
Ascend
15.00 West point of ledge on little Mesa.
22.75 Gulch 50 ft. deep heads N. E.
35.00 Cleft in sandstone pile.
40.00 arked sandstone ledge 100 ft. jh, 1/4 on West face for 1/4 Sec. cor. and raised a stonemound 6 ft. ase 5 ft. high alongside. Pits imp.
Descend N. W. slope.
60.00 Gulch 50 ft. deep course West.
Enter broken lower ground.
80.00 Set a quartzite rock 19 x 15 x 5 ins. 12 ins. in the ground for cor. to ecs. 28. 29. 32 & 33, marked with 1 notch on South and 4 on East edges, and raised a stonemound 1½ ft. high 2 ft. base alongside. its impracticable, from whi A Pine 6 ins. dia. bears N. 30° W. 15 lks. dist., marked T. 30 S. R. 7 E., S. 29 B. T.

Subdivisions of T. 30 S. R. 7 E.

hair

A Cedar 5 ins. dia. bears N. 35° E. 24 lks. dist., marked T. 30 S. R. 7 E. 28 B. T.
No other trees in limit.
Land very broken West slope of Mesa.
Soil 3rd. & 4th. Rate.
Timber, scattering Pine & Cedar.
Mountainous land 80 chs.

East on true line bet. Secs. 28 & 33.
Var. 15° E.

7.00 Gulch 20 ft. deep course N. W.
21.00 Gulch 15 ft. deep course N. W.
32.00 Foot of Talus formed by perpendicular bluff 300 ft. high bears N. W. & S. E.
37.00 Top of bluff.
40.00 Set sandstone 16 x 9 x 6 ins. 11 ins. in the ground for 1/4 Sec. cor., marked 1/4 on North face and erected a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
Note:- On account of sandstone cliffs for 3 miles East I abandon this line.
Land, broken and mountainous.
Soil 3rd. Rate.
Timber, a few scrub Pine and Cedar.
Mountainous land 40 chs.

N. 0° 03 W. bet. Secs. 28 & 29.
Var. 15° E.

5.06 Gulch 20 ft. deep course N. W.
18.00 Gulch 10 ft. deep course N. W.

Subdivisions of T. 30 S. R. 7 E.

Chain

Ascend steep S. W. slope.

40.00 Marked stationary sandstone 10 x 6 x 3 ins. with a cross (+) at cor. point and 1/4 on West face an raised a stonemound 1 1/2 ft. hi ft. base alongside. Pits impracticable.

As this point falls at foot of perpendicular bluff 300 ft. high and inaccessible, Offset West 20 chs. North 40 chs. and East 20 chs. to

80.00 On top of perpendicular bluff set a sandstone 18" x 12" x 6. 12" in ground for cor. to Secs. 20. 21. 28 & 29, marked with 2 notches on South and 4 on East edges, and raised a stonemound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable.

Land, mostly high sandstone bluffs.

Soil 4th Rate, rocks.

No Timber.

Mountainous land 80 chs.

East on true line bet. Secs 21 & 28.
Var. 15° E.

Over broken ledges.

40.00 Set a sandstone 22 x 12 x 7 ins. 16 in the ground for 1/4 Sec. cor., marked 1/4 on North face and raised a stonemound 1 1/2 ft. hig ft. base alongside. Pits impracticable.

Note: On account of unavailable sandstone ledges I abandon the line.

Subdivisions of T. 30 S. R. 76.

Chains	
	Sandstone ledges.
	Soil 4th Rate, rocks.
	Mountainous land 40 chs.
	N. 1° 03' W. bet. Secs. 20 & 21.
	Var. 15° E.
2.10	Descend perpendicular bluff 310
	ft. high.
3.10	Set foot of said bluff, marked as
	stationary sandstone 4 x 4 x 2 ft.
	above ground at cor. point as follows:
	20 | 21 T. 30 S. R. 76 E.
	29 | 28 W. B.
	and raised a stone mound 4 ft.
	base 1 ft. high for witness cor.
	The true cor. point being difficult
	of approach and in the track
	of snow slides and may possibly
	be destroyed on that account.
14.75	Pleasant Rev. at foot of Talus of Bluff,
	20 lks. wide 10 ins. deep course East.
16.30	Pleasant Rev. 20 lks. wide 10 ins. deep
	course N.W.
16.85	Pleasant Rev. 20 lks. wide 10 ins. deep
	course N.E.
	Enter Lucern field, extends about
	1 chs. N.E. from this point and
	S.W.
23.68	Fence bears N. 70° E. and S. 70° W.
23.90	Pleasant Valley canon road
	Ascend
26.04	Foot of perpendicular bluff bears
	E. & W.
26.10	Set a sandstone 16 x 8 x 8 ins. 11 ins.
	in the ground for Sec. cor.
	marked 1/4 on West face and
	raised a stone mound 1½ ft. high
	2 ft. base alongside. Pits

Subdivisions of T. 30 S. R. 7 E.

ch

impracticable.
Note: On account of unavailable
for and sandstone ledges
I abandon the line.
d, mountainous and level.
oil 4th & 1st Rate.
No Timber.
Mountainous land 33.17 chs.

From the standard cor. to Secs.
31 & 32 on the South Boundary
the township I sight West
over the line on South side
of Sec. 31 and turn an angle
of 90° N. which gives the true
diam, having a magnetic
bearing of N. 14° 58' W. at 12 o'clock
M., which reduced by table in
annual makes the mean
declination of 15° E. Thence I

N. 0° 03' W. bet. Secs. 31 & 32
Var. 15° E.
6.00 Rock Gulch 75 ft. deep course
N. W.
7.50 Top of ledge.
Thence a gentle North descen.
40.00 et a sandstone 16 X 9 X 6 ins. 11 is
in the ground for 1/4 Sec. cor.,
marked 1/4 on West face and
aised a stonemound 1 1/2 ft. hi
2 ft. base alongside. Pits
impracticable.
53.00 Rock gulch 100 ft. deep course N. E.
72.50 Rock gulch 100 ft. deep course N. E.
80.00 Set a sandstone 30 X 10 X 3 ins. on
solid rock in stonemound.
arked with 1 notch on South

Subdivisions of T. 30 S. R. 7 E.

Chains	
	and 5 notches on E. & E. edges, and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable, from which a Pine 7 ins. dia. bears S. 10° W. 7½ lks. dist., marked T. 30 S. R. 7 E. S. 31, B. T. No other trees within limit. Land, broken North slope. Soil 3rd rate. Timber, scattering scrub Pine and Cedar. Mountainous land 80 chs.
	East on a random line bet. Secs. 29 & 32. Var. 15° E.
40.00	Set temporary ¼ Sec. cor.
80.20	Intersect N. & S. line at cor. to Secs. 28, 29 & 32 & 33 from which I run West on a true line bet. Secs. 29 & 32 with same variation.
2 p/ water 7.25	Road in "Big Wash" bears N. W. & S. W. Ascend
24.50	Ledge 10 ft. high bears N. & S.
35.50	North bnd. of rock gulch, 50 ft. deep heads S. W. course S. E.
40.10	Set a sandstone 18 x 12 x 5 ins. 12 ins. in the ground for ¼ Sec. cor. marked S on N. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable, from which a Cedar 5 ins. dia. bears N. 89° E. 10½ lks. dist., marked ¼ S. B. T. a Cedar 10 ins. dia. bears N. 78° W. 34 lks. dist. marked ¼ S. B. T.
61.00	Rock gulch 10 ft. deep course N. 15° E.
66.00	Rock gulch 50 ft. deep course N. E.

Subdivisions of T. 30 S. R. 7 E.

Chains

76.80 Rock gulch 30 ft. deep course N.E.
80.20 The cor. to Secs. 29. 30. 31 & 32.
Land, mountianous and broken.
Soil 3rd Rate rocky.
Timber some scrub Pine and Cedar.
ountainous land 80.20 chs.

West on a random line bet. Secs. 30 & 31.
Var. 15° E.
40.00 Set a temporary ¼ Sec. cor.
79.82 Intersect West Boundary of township 2 lks. South of cor. to Secs. 30 & 31, from which I run
outh 89° 51' E. on a true line t. Secs. 30 & 31 with same ations.
Ascend
14.00 Ridge 500 ft. high bears N.E. & S.W.
Descend
39.82 At ft. of slope set a sandstone 15 x 10 x 7 ins. 10 ins. in the ground or ¼ Sec. cor. marked ¼ on orth face and raised a tonemound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
42.20 Road bears N.E. & S.W.
46.15 Pleasant Cr. 20 lks. wide 12 ins. deep course N.E.
49.00 Ascend
56.40 Ridge 300 ft. high bears N.E. & S.
62.50 Head of gulch course N.E.
66.40 Ridge 350 ft. high bears N.E. & S.W.
72.00 Gulch 60 ft. deep course N.E.
79.82 The cor. to Secs. 29. 30. 31 & 32.
Land high mountains.
oil 3rd Rate.

see Note 2, p. Corr. notes

Subdivisions of T. 30 S. R. 7 E.

Chains	
	Timber scattering Pine and Cedar.
	Mountainous land 79.82 chs.
	May 11th 1895
	N. 0° 03' W. bet. Secs 29 & 30.
	Var. 15° E.
	Descend N.W. slope.
9.50	Gulch 75 ft. deep course N.E.
13.50	Ridge 50 ft. high bears N.E. & S.W.
16.75	Gulch 50 ft. deep course N.E.
17.50	Ridge 50 ft. high bears N.E. & S.W.
21.50	Gulch 150 ft. deep course N.E.
26.50	Ridge 200 ft. above Pleasant Cr. bears N.E. & S.W.
39.00	Enter flat.
40.00	Set a trachyte stone 16 X 11 X 6 ins. 11 ins. in the ground for 1/4 Sec. cor. marked 1/4 on West face and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable
42.20	Pleasant Cr. 20 lks. wide 12 ins. deep course N.E.
44.70	Road bears N.E. & S.W.
46.60	Ditch course N.E.
	Ascend
80.10	Set a sandstone 16 X 8 X 5 ins. 11 ins. in the ground for cor. to Secs 19. 20. 29 & 30., marked with 2 notches on South and 5 on East edges, and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
	Land mostly high mountains
	Soil 3rd Rate.
	Timber, some scattering Pine and Cedar.
	Mountainous land 73.40 chs.

Subdivisions of T. 30 S. R. 7 E.

h

East on a random line bet. Secs 20 & 29.
Var. 15° E.

40.10 Set a temporary ¼ Sec. cor.

80.14 Intersect North and South line 20 lks. North of the cor. to Secs 20, 21, 28 & 29 from which S. 89° 51' W. on a true line bet. secs 20 & 29 with same variation.

Notes, p. 1 Corr. notes

2.00 Descend from perpendicular bluff 300 ft. high. At foot of same, axled a piñion pine 3 ins. dia. with 2 notches on South and 4 on East sides, and S. 20 on N. W., S. 21 on N. E., S. 28 on S. E., 29 on S. W. faces. No room for township and range. Marked W. C. on S. E. face for witness cor. to Secs 20, 21, 28 & 29.
Note: This witness cor. is established to perpetuate the true cor. point, which is not easily accessable and liable to be destroyed.

9.50 Pleasant Br. 25 lks. wide 10 ins. deep course N. E. at foot of slope. Enter field.

14.50 Enter ploughed land.

19.50 Fence bears N. W. & S. E.

20.00 Thomas Freeman's house bears N. 5° W. 9 chs. dist.
Ephraim Hanks house bears N. 14° E. 14.50 chs. dist.
John Giles house bears N. 31½° E. 21 chs. dist.
A. Hanks house bears S. 30° W. 19 chs. dist.
David Stewart's house bears S. 78° 30' W. 13 chs. dist.

21.90 Road bears N. W. & S. E.

Subdivisions of T. 30. S. R. 7 E.

Chains
31.25 Ditch course N. E.
Ascend
34.25 Fence bears N. E. & S. W.
40.07 et a trachyte stone 18X11X3 ins. 12 ins. in the ground for 1/4 Sec. cor. marked 1/4 on North face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
80.14 The cor. to Secs. 19. 20. 29 & 30.
Land mostly high mountain
Soil 3rd. & 1st. Rate.
Timber, scattering Pine and Cedar on West half.
Mountainous land 58.39 chs.

N. 89° 51' W. on a random line bet. secs. 19 & 30.
Var. 15° E.
40.00 Set a temporary 1/4 Sec. cor.
79.66 Intersect West Boundary of Tp. 14 lks. North of cor. to Secs. 19 & 30 fro which I run
S. 89° 57' E. on a true line bet. secs. 19 & 30 with same variation.

Notes, p. 1 Corr. notes
20.50 Gulch 50 ft. deep course S. W.
37.35 Head of gulch 25 ft. deep course N. E.
39.66 On solid rock set firmly in a stone mound: a sandstone 26X24X5 ins. for 1/4 Sec. cor. marked 1/4 on North face fro which
a Pine 5 ins. dia. bears S. 55° E. 36 lks. dist. marked 1/4 S. B. T.
a Pine 10 ins. dia. bears N. 35° 53 lks. dist. marked 1/4 S. B. T.
64.50 Ravine 50 ft. deep course N. E.

Subdivisions of T. 30 S. R. 7 E.

Chain
69.40 Head of rocky gulch course S.E.
79.66 The cor. to Secs. 19. 20. 29 & 30. and broken mountain slope.
Soil 3rd Rate.
Timber scattering Pine and Oak v.
Mountainous land 79.66 chs.

N. 0° 03' W. bet. Secs. 19 & 20.
Var. 15° E.
7.00 Descend steep slope.
10.00 Bottom of gulch 175 ft. deep runs East.
Ascend
19.80 Ridge 175 ft. high bears E. & W.
30.00 Rocky wash course N.E.
33.75 Wagon road from Junction through Capitol Wash bears N. & S.E.
40.00 At foot of perpendicular bluff 300 ft. high, set a sandstone 24 x 12 x 5 ins. 18 ins. in the ground for 1/4 Sec. cor. marked 1/4 on West face and raised a stone mound 1½ ft. high, 3 ft. base alongside Pits impracticable, from which a Pine 6 ins. dia. bears S. 50° E. 64 lks. dist. marked 1/4 S.B.T.
Land broken ridges.
Soil 3rd Rate.
Timber a few scrub Pines.
Mountainous land 40 chs.
May 13th 1895.

9 miles, 44 chs. of these lines pass over mountainous land.

Subdivisions of T. 30 S. R. 7 E.

- hain

General Description.

The land surveyed in this township at this time consis of a portion of Pleasant Cr. Valley, and adjacent drainage alleys.

ec^s. 20. 21. & 29 contain a little age called Floral, where or seven families reside, engaged in raising fruits of various kinds, such as peaches, apricots, grapes and apples, and drying the same for the market.

The soil and climate of the place and vicinity peculiarly adapted for fruit culture.

The portion of the township at present remaining d, consists entirely of the s called water pocket flexure, locally called the Capitol Wash Reef, a mass of bare rocks from 300 to 1000 ft. high, devoid of vegetation oil.

Adolphe Jessen
Augustus D. Finn
U. S. Deputy Surveyors

"Correction Notes"
Subdivisions Th. 30 S., R. 7 E.

o. of st

1 I start from this corner, because all the lands East from here consist of high, sandstone ledges, unsuitable for agricultural purposes.

2 In writing up my notes, I unfortunately got hold of a manual of 1890 in which the phrase "with same va." was retained. The survey was made according to the "Corrected" Manual of 1890. It will be observed that wherever in this survey, on a return line, variation changed, the change was noticed, and the variation of such return line was given in degrees and minutes. So that the phrase, "with same va." can not mislead, as the variation given in the beginning of such a mile, holds good for both random and true courses.

Adolphe Jessen
Augustus D. Fuson
U. S. Dep. Surveyors

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List of Names.

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

Final Oath of Assistants:

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

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

SEAL

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BO A-

Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the ....., as are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congres approved August 8, 1846.

.....

U. S. Deputy Surveyor.

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

SEAL

.....

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City Utah
March 21, 1896

The foregoing field notes of the survey of the Subdivision T 30 South Range 7 East of the Salt Lake Bas and Meridian, Utah

.....executed Adolphe Jessen and Augustus D Ferron under his Contract No. 187, dated June 30th, 1892 having been critical examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, a hereby approved.

George W. Snow

U. S. Surveyor General.

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

.....

U. S. Surveyor General.

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(4—679.)

K.F.B.

BOOK A-237

FIELD NOTES

OF THE SURVEY OF

the

West and North Boundaries

of

Township No. 29 S., Range No. 7 East

Of the Salt Lake Meridian,

in the Territory of Utah

Adolphe Jessen AS SURVEYED BY

and Augustus D. Ferron, U. S. Deputy Surveyors

Under ~~his~~ their Contract No. 187, dated June 30th 1895.

Survey commenced May 14th, 1895.

Survey completed " 17th, 1895.

(8650—2,000.) 6—151

H 5,77-265

L° 2,02,767

Names and Duties of Assistants.

Martin H. Allen	Chainman
Sidney A. Hanks	"
A. J. Allen Jr.	Flagman
Albert H. Turner	Axeman

BOOK A-237

INDEX DIAGRAM.

M. & W. Bdies

Township 29 S., *Range* 7 E.

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

Meanders Page

Preliminary Oaths of Assistants.

WE, ...

.....

.....

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

.....

.....

.....

.....

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

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

.....

.....

WE, ...

.....

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

.....

.....

.....

.....

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

.....*, Axeman.*

.....*, Axeman.*

.....

.....

.....

South Boundary of T. 29 S. R. 7 E.

Sh

Survey commenced May 14th, 1895.
From the cor. to townships 28 & 29
R. 7 & 8 E., which is a stone
ch set, marked and wi
as described by the Surveyor
General. I observe Polaris in its
Eastern Elongation May 13th
15 h. 55' m. astronomical time,
and marked the line with
a picket 5 chs. North of cor.
At 7 o'clock A. M. May 14th I
lay off the azimuth 1°36' to the
West, and mark the meridi
so determined by driving a
take 5 chs. North of cor.
This meridian I find has a
agnetic bearing of N. 14°51' W.
ch, reduced by table in
manual gives the mean
agnetic declination 14°48' E.

Thence I run
West on a true line bet. Secs 1 & 36
Var. 14°48' E.
Ascend
12.00 Ridge 30 ft. high bears N. & S.
23.75 Wash course South.
Thence in level flat.
40.00 Set a trachyte stone 22 x 11 x 5 ins.
16 ins. in the ground for ¼ Sec.
cor. marked ¼ on North face
and raised a stone mound 1½
ft. high 2 ft. base alongside. Pits
impracticable.
80.00 Set a trachyte stone 22 x 16 x 10 ins.
16 ins. in the ground for cor.
to Secs. 1. 2. 35 & 36 marked wi
1 notch on East and 5 in

North Boundary of T. 27 S. R. 7 E.

Chains	
	West edges and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable. Land mostly level. Soil 2nd Rate. No Timber. Mountainous land 23.75 chs.
	West on a true line bet. Secs. 2 & 35. Var. 14° 48' E
40.00	Set a trachyte stone 14 X 9 X 4 ins. 9 ins. in the ground for ¼ Sec. cor. marked ¼ on North face and raised a stonemound 1½ ft. high 2 ft. base alongside. Pits impracticable.
80.00	Set a sandstone 15 X 7 X 5 ins. 10 ins. in the ground for cor. to Secs. 2. 3. 34 & 35 marked with 2 notches on East and 4 on West edges. dug pits 18 X 18 X 12 ins. in each Section 5½ ft. dist. and raised a mound of earth 4 ft. base 2 ft. high alongside. Land level flat called locally Hartnet Flat which seems to be an old Lake bottom. Soil 2nd Rate. No Timber.
	West on a true line bet. Secs. 3 & 34. Var. 14° 48' E.
26.50	Ascend.
40.00	Set a Sandstone 22 X 18 X 11 ins. 16 ins. in the ground for ¼ Sec. cor. marked ¼ on North face

North Bound of T. 29 S. R. 7 E.

h

and raised a stonemound
1½ ft. high 2 ft. base alongside.
Pits impracticable.
42.7 Ridge 70 ft. high bears N. & S.
Descend
52.00 Flat hollow drains South.
Ascend broken reef.
80.00 Marked solid ledge large
extent with a cross (+) and
three notches on the East
three on West of the cross (III + III)
cut ¼ of an inch deep into the
rock and raised a stone
mound 5 ft. base 4 ft. high
alongside. Pits impracticable.
Land East part flat, West
part mountains.
Soil 4th & 2nd Rate.
No Timber.
ountainous land 53.50 chs.

53.50 / 0.50

West on true line bet. Secs 4 & 33.
Var. 14° 48' E.
18.10 Top of cliff 250 ft. deep to bottom
2.10 Bottom of Wash from "South
Desert" course S. W.
40.00 On South edge of same wash
course N. E. set a trachyte
tone 16 X 16 X 6 ins. 10 inst in
the ground for ¼ Sec. cor.
alked ¼ on North face and
aised a stonemound 1½ ft.
igh 2 ft. base alongsid, Pits
impracticable.
54.50 Selenite mine bears North
7.50 chs. dist.
57.50 Foot of cliff 50 ft. high bears
N. & S.

North Boundary T. 29 S. R. 7 E.

hain
former Wash course S. E.
60.00 Ridge 50 ft. high bears N. W. & S. E.
66.00 Gulch 75 ft. deep course S. 5° E.
80.00 Set trachyte stone 14 X 9 X 5 ins.
9 ins. in the ground for cor. to
Secs. 4. 5. 32 & 33 marked with 4
notches on East and 2 on Wes
d and raised sandstone
ound 1½ ft. high 2 ft. base
alongside. Pits impracticable.
and mountains.
Soil 4th & 3rd Rate.
No Timber.
ountainous land 80 chs.

West on a true line bet. Secs. 5 & 32.
Var. 14° 48' E.
4.00 Gulch 75 ft. deep course N. E.
17.00 ulch 75 ft. deep course N. 70° E.
29.00 Ridge 100 ft. high bears N. & S.
40.00 Set a sandstone 15 X 11 X 4 ins. 10 ins.
the ground for ¼ Sec. cor.
arked ¼ on North face &
raised a stone mound 1½ ft.
high 2 ft. base alongside. Pits
impracticable.
59.85 Gulch 75 ft. deep course N. E.
76.15 Gulch 100 ft. deep course N. 65°.
80.00 et a sandstone shale 30 X 16 X 3 in
22 ins. in the ground for cor. to Se
5. 6. 31 & 32 marked 5 notches on
East an 1 on West edges and
raised a stone mound 1½ ft.
gh 2 ft. base alongside. Pits
acticable.
Land broken Gypsum
Mountains.
oil all gypsum.

North Boundary of T. 29 S. R. 7 E.

8h

-o Timber.
Mountainous land 80 chs.

West on true line bet. Secs. 6 & 31.
Var. 14° 48' E.

3.30 Gulch 100 ft. deep course N. E.
18.70 same gulch 70 ft. deep course S. E.
26.00 Gulch 50 ft. deep course N. E.
39.00 Ridge 1000 ft. high bears N. W. & E.
Descend into Breaks.
0.10 set a sandstone 20 X 16 X 4 ins. 18 in the ground for 1/4 Sec. cor. marked 1/4 on North face and raised a stone mound 1 1/2 ft. high 2 ft. base alongside.
Pits impracticable.
Note: On account of Breaks unable by ordinary methods, I abandon this li
Land high mountains.
Soil 4th Rate, rocky. (Rocks and)

-o Timber.
Mountainous land 40 chs.

May 14th 1895

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PAGE

BOOK A-237

West Boun T. 29 S. R. 7 E.

Cha

Survey commenced May 17th 1892 from the cor. to Tps. 29 & 30 S. R. 6 & 7 E., set by me this day. I sight West to a flag on South Boundary of Sec. 36 and turn an angle of 90° N. ch gives the true meridian Thence I run. See note 1, p. 1, Corr. Notes.

North bet. Secs. 31 & 36.
Var. 15° E.

18.00 Chasm 40 ft. deep course N. W.
40.00 Set a sandstone 20 X 8 X 8 ins. firmly in stonemound, on olid rock for 1/4 Sec. cor., marked 1/4 on West face and aised a stonemound 5 ft. base 4 ft. high alongside. Pits impracticable.
44.15 Chasm 60 ft. deep course N. W.
66.90 Chasm 50 ft. deep course S. W.
80.00 Set a sandstone 16 X 6 X 6 ins. firmly in stonemound on olid rock for cor. to Secs. 25. 30. 31 & 36, marked with 1 notch on South and 5 on North edges and raised a tonemound 5 ft. base 4 ft. high alongside. Pits practicable.
Land high broken cliffs.
Soil 4th Rate, rocks.
No Timber.
Mountainous land 80 chs.

North bet. Secs. 25 & 30.
Var. 15° E.

27.20 Chasm 50 ft. deep course N. W.
40.00 Set a sandstone 18 X 12 X 6 ins.

West Boundary of T. 29 S. R. 7 E.

Chain

firmly in stonemound on solid rock for 1/4 Sec. cor. marked 1/4 on West face a raised a stonemound 6 ft. base 5 ft. high alongside. Pits impracticable.

66.80 Chasm 90 ft. deep course N.

80.00 On South side of Grand Wash Canon, at foot of bluff 150 ft. high, set a sandstone 18 X 7 X 6 ins. 12 ins. in the ground for cor. to Secs. 19, 24, 25 & 30, marked with 2 not on South and 4 on North edges and raised a stonemound 3 ft. base 2 ft. high alongside. Pits impracticable. Land high broken cliffs. Soil 4th Rate, rocks. No Timber. Mountainous land 80 chs.

North bet. Secs. 19 & 24.
Var. 15° E.

1.30 Road bears N. E. & S. W. Ascend perpendicular cliffs 150 ft. high.

40.00 Set a sandstone 16 X 10 X 10 ins. firmly in stonemound on solid rock for 1/4 Sec. cor. marked 1/4 on West face and raised a stonemound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. Land high broken cliffs. Soil 4th Rate, rocks. No Timber. Mountainous land 40 chs.

See Note 2, p. 1, Corr. Notes.

West Boundary of T. 29 S. R. 7 E.

Chain

May 17th, 1895.

5 miles, 77.25 chs. of these lines run over mountain and land.

General Description.

The greater part of the unsurveyed land in this township falls in rocky cliffs.
Fremont River runs thru the center of the township from West to East in a box cañon having perpendicular walls of considerable hight.
There are some narrow sandy bottoms along this river which have been subdivided.
The West Boundary was run to close on the subdivisions of T. 29 S. R. 6 E.

Adolphe Jensen
Augustus D. Senn
U. S. Deputy Surveyor.

Section Notes BOOK A-37

West Boundary Tp. 29 S. R. 7 E.

No. of

1 The reason why I started at the cor to Tps. 29 & 30 R. 6 & 7 E. instead of the cor to Tps 28 & 29 S. R. 6 & 7 E., as stated by my special instructions was, because said mentioned cor. falls in inaccessible cliff breaks, on that account could not be established.

2 The reason why I abandoned the line bet 19 & 24 at the ¼ Sec. cor. is that the rest of the line falls in high ly inaccessible cliffs, and can not be surveyed ordinary methods.

Adolphe Jessen
Augustus D. Fenon
U. S. dep Surveyor.

List of Names.

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

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

.....Meridian, in ....., showing the respective capacities in which they acted:

.....

Final Oath of Assistants:

We hereby certify that we assisted .....

....., U. S. Deputy Surveyor, in surveying all those parts or portions of the .....

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

.....

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

SEAL

.....

.....

6—151

Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the ....., as are represented in the fo going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that al the corners of said survey have been established and perpetuated in strict accordance with the surveying manua printed instructions, the special written instructions of the U. S. Surveyor General for..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such surve and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congr approved August 8, 1846.

.....
U. S. Deputy Surveyor.

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

SEAL

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City, Utah
March 21, 1896

The foregoing field notes of the survey of the North & West Bound of Township 29 South Range 7 E Salt Lake Base & Meridian, Utah

executed Adolphe Jessen and Augustus D Fenon

under ~~his~~ their Contract No. 187, dated June 30th, 1892 having been critic examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, hereby approved.

George W Snow
U. S. Surveyor Gener

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

.....
U. S. Surveyor Gener

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(4—679.)

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BOOK A-237

FIELD NOTES

OF THE SURVEY OF

R.F.B. the

Subdivisions

of

Township No 29 S., Range No 7 E.

Of the Salt Lake Meridian,

in the Territory of Utah

AS SURVEYED BY

Adolphe Jessen and Augustus D. Jessen, U. S. Deputy Surveyors,

Under ~~his~~ their Contract No. 187, dated June 30th 1892.

Survey commenced May 15th, 1895.

Survey completed " 15th, 1895.

(8630—2,000.) 6—151

H 3.00.30

Names and Duties of Assistants.

Martin W. Allred	Chainman
Sidney A. Hanks	"
A. J. Allred Jr.	Flagman
Albert W. Shiner	Axeman

BOOK A-237

INDEX DIAGRAM.

Township 29 S., *Range* 7 E.

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

Meanders Page

Preliminary Oaths of Assistants.

WE, ...

.....

.....

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

.....

.....

.....

.....

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

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

.....

.....

WE, ...

.....

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

.....

.....

.....

.....

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

.....*, Axeman.*

.....*, Axeman.*

.....

.....

.....

Subdivisions of T. 29 S. R. 7 E.

urvey commenced May 15th 1890. Note 1, p. 1. Corr. Notes.
From the cor. to Secs. 15. 16. 21 & 22,
which is a stone firmly set,
marked and witnessed as descri l
the Surveyor General, I observe
olaris on its Eastern Elongation,
ay 14th 1895, at 15 h. 51 m.
astronomical time, and m
the line by driving a peg 5 chs.
N. of cor.
t 70' clock A. M. May 15th I lay
the azimuth 1° 36' to the Wes
and mark the true meridian by
driving a picket 5 chs. N. of cor.
I find this meridian, to have
a magnetic bearing of N. 14° 53' W.
ch reduced by the table in
manual, gives the mean
declination 14° 50' E.

From Said cor. I run
West on a true line bet. Secs. 16 & 21.
Var. 14° 50' E.

14.00 W. point of ridge 125 ft. high.
22.30 Gulch 150 ft. deep, course N.
37.00 N. point of ridge 50 ft. high.
40.00 Set a sandstone 14 x 8 x 7 ins. 9
in the ground for 1/4 Sec. cor.
arked 1/4 on N. face, and
aised a stone mound 1 1/2 ft.
n 2 ft. base alongside. Pits
acticable.
42.50 A vacant rock house on S. side
of river and on S. edge of lucern
field, orchard etc. Said to belong t
a man named Maxfield could
not learn full name 11 chs. N.

Subdivisions of T. 29 S. R. 7 E.

Chains	
51.00	Gulch 20 ft. deep, course N.W.
58.00	Gulch 20 ft. deep, course N.
80.00	Set a sandstone 16 X 9 X 7 ins. 11 ins. in the ground for cor. to Secs. 16, 17, 20 & 21, marked with 3 notches on S. and 4 on E. edges, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable.
	Land broken bluffs.
	Soil 4th Rate, rocky.
	No Timber.
	Mountainous land 80 chs.
	N. 0° 3' W. bet. Secs. 16 & 17.
	Var. 14° 50' E.
	Descend
12.30	Fremont River 50 lks. wide 16 ins. deep, course Easterly in box cañon 300 ft. deep.
	Ascend
40.00	Set a sandstone 15 X 10 X 7 ins. 10 ins. in the ground for ¼ Sec. cor. marked ¼ on W. face, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable.
58.00	Enter broken stone flat.
72.00	Gulch 40 ft. deep, course S.W.
80.00	Set a sand stone 16 X 11 X 9 ins. 11 ins. in the ground for cor. to Secs. 8, 9, 16 & 17, marked with 4 notches on S. & E. edges, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable.
	Land high mountains.
	Soil 4th Rate, rocky.

Subdivisions of T. 22 S. R. 7 E.

Chains	
	No Timber.
	Mountainous land 80 chs.
	East on a random line bet. Secs. 9 & 16.
	Var. 14° 50' E.
40.00	Set temporary ¼ Sec. cor.
80.30	I intersect N. & S. line 46 lks. N. of cor. to Secs. 9. 10. 15 & 16 which is a stone firmly set, marked and witnessed as described by the Surveyor General. From which I run
	N. 89° 40' W. on a true line bet. Secs. 9 & 16 with same variation.
21.00	Small gulch, course S.
40.00	On E. edge of ridge bears N.E. & S. Set a sand stone 18 x 9 x 7 ins. 12 ins. in the ground for ¼ Sec. cor. marked ¼ on N. face and raised a stone mound 1½ ft. high 2 ft. base along side. Pits impracticable.
46.75	Descend
70.40	Gulch 40 ft. deep, course S. & N.
80.30	The cor. to Secs. 8. 9. 16 & 17.
	Land mountains.
	Soil 4th Rate, rocky.
	Timber, a few pine & cedar.
	Mountainous land 80.30 chs.
	May 15th, 1895.

See Note 2, p. 1, Corr. Notes.

3 miles, 0.30 chs. of these lines run over mountainous land.

Subdivisions of T. 29 S. R. 7 E.

Chains

General Description.

The additional land of any value embraced in this towns consists of some bottoms at Fremont River. These bottoms are under cultivation having been converted into a lucern field by a man whose name was given to me as Maxf. I could not learn his full name.

There was no one in the house and the place looked neglected.

This is the only portion of bottom land on the river in this township, which was unsurveyed, that can be utilized for agricultural purposes.

Above this the river runs in a narrow box cañon having perpendicular walls from 100 to 500 ft. high.

The rest of the township cons of barren rocks.

Adolphe Jessen
Augustus D. Ferron
U.S. Deputy Surveyors.

"Correction" Notes
Subdivisions Tp. 29 S. R 7 E.

No. of Notes

1 The reason why I started at the cor. to Sec's 15.16.21.&22 and not at the S. B'y is because a small portion of Sec. 16 is the only available agricultural land to be surveyed in this Tp.

2 In writing up my notes, I unfortunately got hold of a manual of 1890 in which the phrase "with same va." was retained. The survey was made according to the "Corrected" manual of 1890. It will be observed that wherever the variation changed in this survey on a return line, the change was noticed, and the variation of such return line was given in degrees and minutes. So that the phrase "with same va." can not mislead, as the variation given at the beginning of a mile, holds good for both random and true lines.
Joe Smith, the applicant for survey, had left the country.

Adolphe Jessen
Augustus D. Ferron
U. S. dep. Surveyors

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PAGE

List of Names.

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

Final Oath of Assistants:

We hereby certify that we assisted .....
....., U. S. Deputy Surveyor, in surveying all those parts or portions of the .....
.....
.....
.....
.....
.....
.....
.....Meridian, ..., as are represented in the oregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all espects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, ccording to the instructions furnished by the U. S. Surveyor General for .....
.....
.....
.....
.....
.....
.....
.....
.....

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

SEAL

.....

.....

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BOOK A-237

Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the ....., as are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....

U. S. Deputy Surveyor.

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

SEAL

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City Utah
March 21, 1896

The foregoing field notes of the survey of the Subdivision of Township 29 South Range 7 East of the Salt Lake Base & Meridian, Utah

.....executed by Adolphe Jessen and Augustus D Ferron under ~~his~~ their Contract No. 187, dated June 30th, 1892, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George W. Snow

U. S. Surveyor General.

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

.....

U. S. Surveyor General.

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BOOK A-237

M.J.B.

FIELD NOTES

OF THE SURVEY OF

the

West and North Boundaries

of

Township 30 S. - Range 6 East

Of the Salt Lake Meridian,

in the Territory of Utah.

AS SURVEYED BY

Adolphe Jessen and Augustus D. Ferron, U. S. Deputy Surveyors

Under ~~his~~ their Contract No. 187, dated June 30th 1892.

Survey commenced May 16th, 1895.

Survey completed " 17th, 1895.

(8620—2,000.) 6—161

11-63-685
15,755
11-99-4

BOOK A-2

Names and Duties of Assistants.

Martin V. Allred	Chainmen
Sidney A. Stanks	"
A. J. Allred Jr.	Flagman
Albert W. Shiner	Axeman

BOOK A-237

INDEX DIAGRAM.

W. A. Bliss

Township 30 S., *Range* 6 E.

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Meanders Page

Preliminary Oaths of Assistants.

WE, ...

.....

.....

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

.....

.....

.....

.....

....., *Chainman.*

....., *Chainman.*

....., *Chainman.*

....., *Chainman.*

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

.....

.....

WE, ...

.....

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

.....

.....

.....

.....

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

....., *Axeman.*

....., *Axeman.*

.....

.....

.....

West Bound of T. 30 S., R. 6 E.

urvey commenced May 16th 1895.
From the standard cor. to
Tps. 30 S., R. 5 & 6 E. set during
this survey,
I observe Polaris on its Eastern
Elongation, May 15th, 1895, at
15h. 47m. astronomical time,
and mark the line by
a stake 5 chs. N. of cor. At 7 o'cl
A. M. May 16th, I lay off the
azimuth 1° 36' to the W. and
ark the true meridian by
driving a picket 5 chs. N. of cor.
This meridian has a ma
bearing of 14° 4' W., which reduce
table in manual gives
an declination 14° 1' E.
This meridian makes an angle of 89° 58' 20" with the secant of the parallel (the mean of five readings) See Note 1, p. 1. Corr. noted.

Thence I run
North bet. Secs. 31 & 36.
Var. 14° 1' E.

9.30 A Pine 36 ins. dia. in line
chl mark with 2 notches
on N. & S. sides.

11.90 Choke Cherry bv. 3 lks. wide 2
ins. deep course N. E. in gul
0 ft. deep.

34.00 Gulch 20 ft. deep course N. E.

40.00 Set a trachyte stone 20 X 14 X 5 ins
15 ins. in the ground for 1/4 Sec.
cor. marked 1/4 on W. face and
aised a stone mound 1 1/2 ft.
high 2 ft. base alongside.
its impracticable, from whi
Pine 16 ins. dia. bears N. 60° E.
38 lks. dist. marked 1/4 S. B. T.
A Pine 6 ins. dia. bears N. 15° W.
43 lks. dist. marked 1/4 S. B. T.

West Boundary of T. 30 S., R. 6 E.

Chains	
43.10	Ridge 30 ft. high bears N.E. & S.W.
56.00	Single Tree Cr. 3 lks. wide 4 ins. deep course N.E. in gully 10 ft. deep.
71.50	Ridge 35 ft. high bears N.E. & S.W.
79.20	A gulch 30 ft. deep course N.E.
80.00	Set a trachyte stone 30 X 18 X 7 ins. firmly in stone mound and solid rock for cor. to Secs. 25. 30. 31 & 36. marked with 1 notch on S. and 5 on N. edges, and raised a stone mound 4 ft. base 4 ft. high alongside. Pits impracticable, from which
	A Norway Pine 22 ins. dia. bears S. 15° E. 26 lks. dist. marked T. 30 S., R. 6 E. S. 31 B. T.
	A Norway Pine 24 ins. dia. bears S. 40° W. 59 lks. dist. marked T. 30 S. R. 5 E. S. 36 B. T.
	A Norway Pine 18 ins. dia. bears N. 46° W. 36 lks. dist. marked T. 30 S. R. 5 E. S. 25 B. T.
	A Norway Pine 15 ins. dia. bears N. 68° E. 5 7/2 lks. dist. marked T. 30 S. R. 6 E. S. 30 B. T.
	Land, high mountains.
	Soil 3rd Rate, rocky.
	Timber, scattering Norway Pine.
	Mountainous land 80 chs.

	North bet. Secs. 25 & 30. Var. 14° 1' E.
12.10	Ridge spur 50 ft. high bears N.E. & S.W.
25.50	Gulch 100 ft. deep course E. Ascend very steep ridge.
40.10	Set a sandstone 14 X 9 X 6 ins. 9 ins. in the ground for 1/4 Sec. cor.

West Boundar T. 30 S., R. 6 E.

d 1/4 on W. face and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits acticable.

46.00 Top of ridge 200 ft. high bears E. & W.

52.50 Head of gulch 50 ft. deep course E.

60.00 East point of spur.

76.00 A Norway Pine 20 ins. dia. on which I mark with 2 otches on N. & S sides.

80.00 Near head of rock gulch 50 ft. deep course N. E. Set a sand stone 24 x 18 x 5 ins. 18 ins. in the ground for cor. to Secs. 9. 24. 25 & 30 marked with 2 otches on S. and 4 on N. edges, and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable.

From which

A Spruce 18 ins. dia. bears 88° W. 11 lks. dist. marked T. 30 S. R. 5 E. S. 25 B. T.

A Norway Pine 6 ins. dia. bears 20° W. 35 lks. dist. marked T. 30 S. R. 5 E. S. 24 B. T.

No other trees in limit.

and, mountainous.

Soil 4th Rate, rocky.

Timber, piñion Pines, Cedars, and Norway Pines.

Mountainous land 80 chs.

North bet. Secs. 19 & 24.

Var. 14° 1' E.

4.50 Gulch 50 ft. deep course E.

8.00 On account smooth [illegible]

West Boundary of T. 30 S. R. 6 E.

Chains

face of sand stone 150 ft. high bears N.E. & W. offset E. 4 chs., then N. 30 chs., then W. 4 chs. to
38.00 in place; thence descend N.
40.00 Set a sandstone 39 X 15 X 13 ins. 2 ft. in the ground for 1/4 Sec. cor. marked 1/4 on W. face, and a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which
A Pine 8 ins. dia. bears S. 60° W. 4 lks. dist. marked 1/4 S. B. T.
A Pine 12 ins. dia. bears S. 25° E. 43 lks. dist. marked 1/4 S. B. T.
53.00 ulch 175 ft. deep course S. E.
62.00 Trachyte ridge 150 ft. high bears E. & W.
80.00 Set a trachyte stone 26 X 11 X 10 ins. 18 ins. in the ground for cor. to Sec. 13. 18. 19 & 24 marked with 3 not on N. & S. edges, and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impractic
From which
A Pine 4 ins. dia. bears N. 1° W. 13 dist. marked T. 30 S. R. 5 E. S. 13 B. T.
A Pine 7 ins. dia. bears S. 50° E. 70 lk dist. marked T. 30 S. R. 6 E. S. 17. B. T.
A Pine 8 ins. dia. bears N. 85° E. 62 lks. dist. marked T. 30 S. R. 6 E. S. 18 B. T.
A Pine 8 ins. dia. bears S. 63° W. 37 lks. dist. marked T. 30 S. R. 5 E. S. 24 B. T.
Land, mountains and rocky.
Soil 4th Rate, rocky.
Timber, Pine and Cedar.
Mountainous land 80 chs.

West Bound of T. 30 S. R. 6 E.

Sha

North bet. Secs. 13 & 18.
Var. 14° 1' E.

2.50 mch 25 ft. deep, course S. E.
12.50 Ridge 200 ft. high bears E. & W.
28.10 Enter flat.
36.00 Road to Caucus Cr. and Caput Wash course E. & W.
40.00 set a charred cedar post 3 ins. sq. th marked stone, 24 ins. in ground, for 1/4 Sec. cor. marked 1/4 S. on W. face, 4 dug pits 18 X 18 X 1 1/2 & S. of post 5 1/2 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1/2 ft. high around post.
43.7 Ascend cedar slope.
66.00 S. W. point of ridge 250 ft. high.
80.00 Near head of deep ravine course W., set a sand stone 21 X 6 X 5 15 ins. in the ground for cor. to S 7, 12, 13 & 18, marked with 4 not on S. and 2 on N. edges, and aised a stone mound 1 1/2 ft. hi ft. base alongside. Pits acticable, from which
A ine 15 ins. dia. bears S. 47° E. 45 es. dist. marked T. 30 S. R. 6 E. S. 18 B. T.
A Pine 10 ins. dia. bears S. 22° W. 2 lks. dist. marked T. 30. S. R. 5 E. S. 13 T.
No other trees in limit.
and, high mountains.
oil, 3rd Rate, rocky.
Timber, Pine and Cedar.
ountainous land 64. 25 chs.

BOOK A237

West Boundary of T. 30 S. R. 6 E.

Chain

North bet. Secs. 7 & 12.
Var. 14° 1' E.

17.50 Top of ridge 200 ft. high bears N.E. & S.W.

25.50 Road bears N.E. & S.W. in hollow 50 ft. deep course N.E.

40.00 Set a quartzy shale stone 20X10X10 ins. in the ground for ¼ Sec. cor. marked ¼ on W. face, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits in practicable from which

A Cedar 9 ins. dia. bears S. 40° W. 35 links dist. marked ¼ S. B. T.

A Pine 8 ins. dia. bears N. 38° E. 23 links dist. marked ¼ S. B. T.

42.32 A Norway Pine 12 ins. dia. on line S. mark with 2 notches on W. & S. sides on Plateau, thence on level ground

80.00 Set a quartzy shale stone 14X12X6 ins. in the ground for cor. to Secs. 1. 6. 7 & 12. marked with 6 notches S. and 1 on N. edges, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits in practicable from which

A Pine 12 ins. dia. bears S. 50° E. 24 links dist. marked T. 30 S., R. 6 E. S. 7 B. T.

A Pine 8 ins. dia. bears N. 45° W. 15 links dist. marked T. 30 S., R. 5 E. S. 1 B. T.

No other suitable trees in limit.

Land, high mountains.

Soil 3rd Rate, rocky.

Timber, scrub Pine and Cedar.

Mountainous land 80 chs.

West Bound of T. 30 S., R. 6 E.

hain

North bet. Secs. 1 & 6.
Var. 14° 1' E.

21.50 ulch 25 ft. deep course W.
40.00 et a quartzite stone 24 X 17 X 10 ins. 18 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face, and raised a stone mound 1 1/2 ft. high 2 ft. alongside. Pits impracticable. From which
A Cedar 8 ins. dia. bears S. 80° E. 23 lks. dist. marked 1/4 S. B. T.
A Pine 9 ins. dia. bears West 12 dist. marked 1/4 S. B. T.
80.00 At head of gulch course N. E., set a flinty lime stone 18 X 16 X 4 ins. 12 ins. in the ground for cor. to Tps. 29 & 30 S., R. 5 & 6 E. marked with 6 notches on 4 edges, and raised a stone mound 1 1/2 ft. high 2 ase alongside. Pits impractical' m which
A Pine 11 ins. dia. bears N. 40° W. 50 lks. dist. marked T. 29 S., R. 5 E. S. 36 B. T.
Pine 4 ins. dia. bears N. 2° E. 32 dist. marked T. 29 S. R. 6 E. S. 31 B. T.
o other suitable trees in limit.
Land, high table mountains. oil 2nd Rate, gravelly.
Timber, scrub Pine and Cedar.
Mountainous land, heavily timbered 80 chs.

North Bound of T. 30 S., R. 6 E.

From the cor. to Tps. 29 & 30 S. R. 4 & 6 E. set this day I sight South over the line bet. Secs. 1 & 6 and turn an angle of 90° E. Thence I run Easton a true line bet. Secs. 6 & 31.

See Note 2, p. 1 Corr. Notes.

Var. 14° 1' E.

0.25 Bottom of gulch 50 ft. deep course N. E.
26.70 Gulch 50 ft. deep course N. E.
32.50 Gulch 50 ft. deep course N.
39.43 Allowing for convergency of meridians as per instructions, set a flinty stone 15 X 14 X 3 ins. 10 ins. in the ground for 1/4 Sec. cor. on 1/4 on N. face, and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable. from which
A Pine 4 ins. dia. bears N. 10° W. 30 lks. dist. marked 1/4 S. B. T.
A Pine 9 ins. dia. bears S. 37° W. 30 lks. dist. marked 1/4 S. B. T.
49.00 ulch 50 ft. deep course N.
76.00 Descend
78.00 Cliff 25 ft. to bottom.
79.43 Set a flinty lime stone 20 X 11 X 9 in stone mound on solid rock on cor. to Secs. 5. 6. 31 & 32 marked with 1 notch on W. and 5 E. edges, and raised a stone 1 1/2 ft. high 2 ft. base alongside. Pits impracticable, from which
A Pine 10 ins. dia. bears S. 24 56 lks. dist. marked T. 30 S., R. 6 E. S. 6 B. T.
A Pine 7 ins. dia. bears N. 22° E. 71 lks. dist. marked T. 29 S., R. 6 E. S. 32 B. T.
No other suitable trees in limit.
Land, high mountains.
Soil 3rd Rate, gr

North Bound T. 30 S. R. 6 E.

hai

timber, scrub Pine and Red
Mountainous land 79.43 chs.
May 16th, 1895.

From the cor. to Secs. 5. 6. 31 & 32
observe Polaris on its Eastern
Elongation, May 16th 1895, 15h.
45m. astronomical time.
At 7 o'clock A. M. May 17th I lay
off the azimuth 1° 38' to the
West and mark the true
meridian by driving a pi
5 chs. N. of cor. This meridian
as a magnetic course of N. 14° 03
W. which reduced by table in
manual gives the mean
magnetic declination 14° E.
From this meridian the
N. Secs. 6 & 31 surveyed yesterday
makes an angle of 89° 59½' being
the mean angle of 4 plate
azuremente.

East on a true line bet. Secs. 5 & 32
Var. 14° E.
Descend.
7.00 Bottom of ravine 300 ft. deep
course N. E.
Ascend
23.40 Top of slope.
Enter Table Mountains.
40.00 set a sandstone 16 X 11 X 9 ins.
1 ins. in the ground for ¼ Sec.
cor. marked ¼ on N. face, and
aised a stone mound 1½ ft.
ft. base alongside. Pits in fpache
From which

North Bound T. 30 S. R. 6 E.

A Pine 8 ins. dia. bears S. 24° E. 18
dist. marked 1/4 S. B. T.
A Pine 9 ins. dia. bears N. 12° W. 17
lks. dist. marked 1/4 S. B. T.
42.70 Descend
49.30 Bottom of ravine 100 ft. deep c
N.
Ascend
54.00 Enter Table Mountains.
80.00 Set a sand stone 14 X 9 X 9 ins. 9
ins. in the ground for cor. to
secs. 4. 5. 32 & 33 marked with 4
notches on E. and 2 on W. edges,
and raised a stone mound 1 1/2
ft. high 2 ft. base alongside
its impracticable, from whi
A Pine 8 ins. dia. bears N. 14° W. 26
lks. dist. marked T. 29 S. R. 6 E. S. 32 B.
A Pine 4 ins. dia. bears S. 16° E. 13
dist. marked T. 30 S. R. 6 E. S. 4 B. S.
or other suitable trees in
and, table mountains covered
th timber.
Soil 3rd Rate, gravelly.
Timber, scrub Pine and Cedar.
ountainous land 80 chs.

East on a true line bet. Secs. 4 & 33.
Var. 14° E.
6.15 Gulch 40 ft. deep course N. E.
23.50 Descend steep slope.
4.25 ulch 250 ft. deep course N. 10° W.
Ascend
40.00 Set a sand stone 16 X 8 X 5 ins. 10
in the ground for 1/4 Sec.
arked 1/4 on N. face, and raised
a stone mound 1 1/2 ft. high 2 ft.
ase alongside. Pits impracticable.

North Boundary of T. 30 S. R. 6 E.

hain
ram which
A Pine 6 ins. dia. bears S. 12°
6 lks. dist. marked ¼ S. B. T.
A Pine 7 ins. dia. bears N. 15° E. 13
lks. dist. marked ¼ S. B. T.
Ascend
65.00 Ridge 700 ft. high bears N.W. & S.
Descend
69.00 Gulch 40 ft. deep near head
course N. E.
73.00 Ridge 700 ft. high bears N.E. & S.
Descend
80.00 at a flinty lime stone 16 X 10 X 4
ins. 18 ins. in the ground for cor.
to Secs. 3. 4. 33. & 34 marked w/
notches on E. and W. edges,
and raised a stone mound 1½
ft. high 2 ft. base alongside.
its impracticable, from whi
A Pine 8 ins. dia. bears S. 12° W.
60 lks. dist. marked T. 30 S. R. 6 E.
. 4 B. T.
A Pine 9 ins. dia. bears N. 15° W. 30
lks. dist. marked T. 29 S. R. 6 E. S. 33
B. T.
No other trees in limit.
Land, high mountains.
oil 3rd Rate, gravelly.
Timber, scrub Pine and Cedar.
Mountainous land 80 chs.

East on a true line bet. Secs. 3 & 34.
Var. 14° E.
Descend
7.00 ulch 75 ft. deep course N. E.
14.00 N. point of Ridge 100 ft. high.
23.20 Gulch 50 ft. deep course N. W.
34.00 Rid 150 ft. hi bears N. & S.

North Boundary of T. 30 S. R. 6 E.

28

40.00 Set a sandstone 14 X 11 X 5 ins. 9 in the ground for 1/4 Sec. cor. marked 1/4 on N. face, and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable

44.7 Gulch 75 ft. deep course N.

53.00 Ridge 125 ft. high bears N. & S.

62.50 Head of gulch course N. E.

79.90 Small gully course N. E. into gulch.

80.00 Marked a stationary sandstone 10 X 4 X 3 ft. above ground, with a cross at cor. point, and 2 notches E. and 1/4 W. of cross, and raised a stone mound 1 1/2 ft. high 2 ft. base alongside of cross on top of the stone. Pits impracticable. From which

A Pine 5 ins. dia. bears N. 6° W. 30 lks dist. marked T. 29 S. R. 6 E. S. 34 B. T.

No other trees in limit.

Land, high very broken ridgy mountains.

Soil 3rd Rate, rocky.

Timber, some scrub Pine and Cedar

Mountainous land 80 chs.

East on a true line bet. Sec. 2 & 3

Var. 14° E.

0.05 Bottom of gulch 150 ft. deep bears N.

Very steep ascent.

6.00 Top of slope. Thence country has a gradual slope eastward.

40.00 Set a sand stone 20 X 12 X 12 ins. 15 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N. face, and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits

North Boundary of T. 30 S. R. 6 E.

Chains	
	impracticable.
41.25	Bottom of gulch 150 ft. deep course N. E.
63.00	Gulch 75 ft. deep course N. E.
80.00	Set a quartzite stone 20 x 10 x 10 ins. 15 ins. in the ground for cor. to Secs. 1. 2. 35 & 36. marked with 1 notch on E. and 5 on W. edges, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable. From which
	A Cedar 5 ins. dia. bears S. 45° W. 27 lks. dist. marked T. 30 S. R. 6 E. S. 2 B. T.
	A Pine 15 ins. dia. bears N. 65° E. 78 lks. dist. marked T. 29 S. R. 6 E. S. 36 B. T.
	No other trees in limit.
	Land, very broken E. slope of Miners Mountain.
	Soil 4th Rate, rocky ledges.
	Timber, scattering scrub Pine and Cedar
	Mountainous land 80 chs.

	East on a true line bet. Secs. 1 & 36. Var. 14° E.
2.50	Gulch 75 ft. deep course N.
26.10	County road in hollow course N.
34.00	Gulch 30 ft. deep course N. W. Mountain road hollow.
40.00	Set a sandstone 24 x 7 x 4 ins. 18 ins. in the ground for ¼ Sec. cor. marked ¼ on N. face, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable. From which
	A Cedar 6 ins. dia. bears N. 50° E. 24 lks. dist. marked ¼ S. B. T.
	No other trees in limit.
45.00	Foot of Capitol Reef perpendicular

North Boundary of T. 30 S. R. 6 E.

22

00 ft. high.
68.00 hasm 100 ft. deep course N.E.
80.00 Set a sand stone 24 x 9 x 7 ins.
firmly in stone mound on solid
rock for cor. to Tps. 29 & 30 S. R. 6 & 7 E.
arked with 6 notches on 4 edges,
and raised a stone mound 5 ft.
base, 5 ft. high alongside. Pits
acticable.
Land, high mountains.
Soil 4th Rate, rocky.
Timber, a few scrub Pine and Ced
on West half.
Mountainous land 80 chs.
May 17th, 1895.

√ 11 miles, 63.68 ch's. these lines run over mountainous land.

General Description.
This township embraces what is
locally called the Miners
Mountain. I failed to find any
mines here, although some tra
of copper ore exist in Secs. 17 & 18,
not of sufficently pronounced
character to be of any value.
There are no settlements in
township.
J. E. Cornelius has staked out a
claim in Sec. 31.
There is some fair Norway Pine
in the N.W. cor. of the township.
The rest of the township can
piñon pine and cedar suitable
for fuel only.

Adolphe Jessen
Augustus F. Ferron
U. S. Deputy Surveyors.

orrection" Notes

West Boundary Tp. 30. S., R. 6 E.

of Notes

1. The reason why this boundary was run from the to the North, instead of from the North to the South, as contemplated in the Special instructions, was because the N.E. Cor. of the Tp. could not be established on account of in ible . Hence the N. B'y could not be run from East to est, nor the N.W. Cor. of the Tp. established in the Survey of line.

2. This line was run East on a true line, because the N.E. Cor. of the Tp. could not be established.

Adolphe Jessen
Augustus D. Ferron
U. S. Dep. Surveyor

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PAGE

List of Names.

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

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

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

SEAL

.....

.....

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BOOK A-

Final Oath of U. S. Deputy Surveyor.

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

_____ Meridian, in the _____, as are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

_____
U. S. Deputy Surveyor.

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

SEAL

_____

Approval.

Office of the U. S. Surveyor General,
Salt Lake City Utah
March 21, 1896

The foregoing field notes of the survey of the West & North Boundaries of Township 30 South Range 6 East of the Salt Lake Base & Meridian, Utah

_____ executed Adolphe Jessen and Augustus D. Ferron under ~~his~~ their Contract No. 187, dated June 30th, 1895, having been critical examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, a hereby approved.

George W. Snow
U. S. Surveyor General.

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

_____
U. S. Surveyor General.

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(4—679.)

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BOOK A-237

36.3.B.

FIELD NOTES

OF THE SURVEY OF

the

Subdivisions

of

Township No. 30 S., Range No. 6 E.

Of the Salt Lake Meridian,

in the Territory of Utah

AS SURVEYED BY

Adolphe Jessen and Augustus F. Fesson, U. S. Deputy Surveyors

Under ~~his~~ their Contract No. 187, dated June 30th, 1892.

Survey commenced May 17th, 1895.

Survey completed " 17th, 1895.

(G1—2,(D.) 6—151

BOOK A-23

Names and Duties of Assistants.

Martin V. Allred	Chainman
Sidney A. Hanks	"
A. J. Allred Jr.	Flagman
Albert V. Shiner	Axeman

BOOK A-237

INDEX DIAGRAM.

Township 39 S., *Range* 6 E.

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

Meanders Page

We, ...

.....

.....

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

.....

.....

.....

.....

....., *Chainman.*

....., *Chainman.*

....., *Chainman.*

....., *Chainman.*

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

.....

.....

We, ...

.....

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

.....

.....

.....

.....

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

....., *Axeman.*

....., *Axeman.*

.....

.....

.....

Subdivision of T. 30 S. R. 6 E.

rain

Survey commenced May 17th 1895. note 1, p. 1. corr. notes.
from the Standard cor. to Secs 31 & 32
the S. B'y of the T. set during
this survey I run
N. 0°03' W. bet. Secs 31 & 32.
Var. 14°28' E.
W. slope of Twin Peaks 700 ft.

10.00 Set a sandstone 18 x 9 x 6 ins., 12 ins.
ground for 1/4 Sec. cor. marked 1/4
on W. face & raised a stone mound
1/2 ft. high, 2 ft. base alongside.
Pits impracticable.

4.30 Gulch 35 ft. deep, course N. W.

47.7 " 50 " " " "

63.75 Choke Cherry Creek 3 lks. wide, 4
ins. deep, course N. E. in gully 45 ft.
deep.

80.00 Set a Trachyte stone 24 x 13 x 4 ins., 18 ins. in
the ground for cor. to Secs 29. 30. 31 & 32.
marked with 1 notch on S. & 5 on E.
edges & raised a stone mound 4 ft.
3 ft. high alongside. Pits impractica
from which
A pine 3 ins. dia. bears N. 61° E. 66 lks.
marked T. 30 S. R. 6 E. S. 29 B. T.
18 ins. dia. bears N. 65° W. 67 lks.
dist. marked T. 30 S. R. 6 E. S. 30 B. T.
pine 10 ins. dia. bears S. 15° W. 102 lks.
marked T. 30 S. R. 6 E. S. 31 B. T.
pine 7 ins. dia. bears S. 69° E. 86 lks.
marked T. 30 S. R. 6 E. S. 32 B. T.
and - high mountains
oil - 3rd rate - rocky
Timber - some pine & cedar
Mountainous land 80 chs.

Subdivision of T. 30 S., R. 6 E.

Chains	
	West on a random line bet. Secs. 30 & 31. Var. 14° 01' E.
40.00	Set temp. 1/4 Sec. cor.
79.94	Intersect W. B'y of T. 23 lks. S. of cor. Secs. 30 & 31 set during this survey from which I run S. 89° 50' E. on a true line bet. Secs. 30 & 31 with same var.
See Note 3 p. 1 Corr. Notes 3.50	Gulch 25 ft. deep, heads S. W. course E.
4.52	A pine 12 ins. dia. in line which I mark with 2 notches on E. & W. sides.
5.60	Leave gulch, course S. E.
12.50	Same gulch, course N. E.
37.50	Steep rock gulch, course S. E.
39.94	Set Trachyte stone 30 X 20 X 10 ins. 22 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N. face and raised a mound 1 1/2 ft. high, 2 ft. base Pits impracticable. From which A pine 2 ins. dia. bears N. 10° W. 9 lks. dist. marked 1/4 S. B. T. A pine 10 ins. dia. bears S. 8° E. 15 1/2 lks. dist. marked 1/4 S. B. T.
43.50	Gulch 150 ft. deep, course N. E.
79.94	The cor. to Secs. 29. 30. 31 & 32.
	Land - high mountains
	Soil - 3rd rate - rocky.
	Timber - pine & cedar.
	Mountainous land 79.94 chs.
	May 17th 1895.

1 mile, 79.94 chs. of these lines run over mountainous land.

General Description.

The surveyed section of this township embraces the only spot suitable for agricultural purposes, claimed J. E. Corneline. It is a f 2r about 150 Acres.

Subdivision of T. 30 S., R. 6 E.

for the hardier cereals,
d lucern.
he rest of the township is
ountainous and unavailable.

Note 2, p. 1, Notes.

Adolphe Jessen
Augustus D. Ferron
U. S. Dep. Surveyors.

Volume
#
R0237

"Correction" Notes
Subdivisions Tp. 30 S. R. 6 E.

1 The reason why I start to subdivide at the Cor to Secs 31 & 32 on S. B'y is, because the only portion this Tp. suitable for agricultural purposes is a portion the S2 of Sec. 31.

2 The claim of S. E. Cornelius could not be, because only 1 stake (the S.E. Cor.) was found.

3 In writing up my notes, I unfortunately at hold of a manual of 1890, in which the phrase "with same va." was retained. The survey was ade according to the "corrected" manual of 1890. It will be observed that wherever the ation changed in this survey on a return, the change was noticed, and the variation of such return line was given in degrees and minutes. So that the phrase "with same va." can mislead, as the variation given in the beginning a mile holds good for both random & true courses

Adolphe Jessen
Augustus D. Fenon
U. S. dep. Surveyors.

List of Names.

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

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

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.....

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.....Meridian, in ....., showing the respective capacities in which they acted:

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Final Oath of Assistants:

We hereby certify that we assisted .....

....., U. S. Deputy Surveyor, in surveying all those parts or portions of the .....

.....

.....

.....

.....

.....

.....

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

.....

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

SEAL

.....

.....

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Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the ....., as are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....
U. S. Deputy Surveyor.

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

SEAL

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City Utah
March 21, 1896

The foregoing field notes of the survey of the Subdivision of Township 30 South Range 6 East of the Salt Lake Base and Meridian Utah

..... executed by Adolphe Jessen and Augustus D. Lemon under his Contract No. 137, dated June 30th, 1892, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George W. Snow
U. S. Surveyor General.

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

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

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BOOK A-237

K.8.13.

FIELD NOTES

OF THE SURVEY OF

the

First Boundary

of

Township No. 29 S., Range No. 6 E.

Of the Salt Lake Meridian,

in the Territory of Utah

AS SURVEYED BY Adolphe Jessen and Augustus D. Pierson, U. S. Deputy Surveyors.

Under ~~his~~ their Contract No. 187, dated June 30th 1892

Survey commenced May 18th, 1895.

Survey completed " 18th, 1895.

(30—2,500.) 6—151

H. 5.40-001

Names and Duties of Assistants.

Martin W. Allred	Chainman
Sidney A. Hanks	" "
A. J. Allred Jr.	Flagman
Albert W. Shiner	Axeman

BOOK A-237

INDEX DIAGRAM.

W. B.

Township 29 S., *Range* 6 E.

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Meanders Page

Preliminary Oaths of Assistants.

We, ...

.....

.....

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

.....

.....

.....

.....

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

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

.....

.....

We, ...

.....

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

.....

.....

.....

.....

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

.....*, Axeman.*

.....*, Axeman.*

.....

.....

.....

West Boundary of T. 29 S., R. 6 E.

Chains

Survey commenced May 18th 1895. ee note 1. p. 1. Corr. notes.
From the cor. to Tps. 29 & 30 S., R. 5 & 6 E., set during this survey, I observe Polaris on its Eastern elongation, May 17th, 15 h. 39 m. astronomical time and mark the line by driving a peg 5 chs. N. of cor.
At 7 o'clock A. M. May 18th, I lay off the azimuth 1°36' to the West and mark the meridian so determined by driving a picket 5 chs. N. of cor.
I find this meridian to have a magnetic bearing of N. 14°05' W. which, reduced by table in manual gives the mean var. 14°02' E.

Thence I run
orth bet. Secs 31 & 36.
Var. 14°02' E.

4.00 Descend.
9.50 Ich 200 ft. deep, course N. W.
Ascend.
15.00 West point of Bench ridge, bears N. E. & S. E.
Descend.
24.50 Bottom of previous gulch, course N. E.
Ascend.
33.00 Top of Bluff, bears N. E. & S. W.
40.00 Set a flinty limestone 20 x 8 x 5 ins., 15 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face & raised a tone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
From which
A sine 7 ins. dia. bears S. 50° W. 15' s. dist. marked 1/4 S. B. T.
pine 6 ins. dia. bears S. 40° E. 32 lks. dist. marked 1/4 S. B. T.

West Boundary of T. 29 S., R. 6 E.

Chain
45.50 Descend
64.50 Gulch 300 ft. deep, course N. E.

80.00 On top of lone Butte, 500 ft. high. Top bears N. E. & S. W.; set a shaly sandstone 24 x 18 x 4 ins., 18 ins. in for cor. to Secs. 25. 30. 31 & 36 ed with 1 notch on S., and 5 on dges and raised a stone mound 5 ft. 6 ft. high alongside. Pits impracti- able.
Land - high mountains.
Soil - 4th rate - rocks.
Timber - a few pine on S. half
Mountainous land 80 chs.

orth bet. Secs. 25 & 30
Var. 14° 02' E.
Descend
Note. - Further chaining being impr cable on account of precipitous bluffs formed by the Fremont river cañon 600 ft. deep, I set a flag on top of the ffs N. of the river.
also leave a flag at this cor. & proceed to the flag N. of the cañon, where I eure a base 30 chs. West to a poi w which flag South of river be S. 24° 07' E. I also measure a base 5 chs. East to a point from which lag at cor. bears S. 27° 35' W.
1st triangle
Co Tan. 24° 07' = 2.2337 x 30 = 67.011 chs.
2nd triangle
Co Tan. 27° 35' = 1.9142 x 35 = 66.9976 chs.
which gives the mean distance from cor.
67.00 Top of Bluff North side of river cañon 600 ft. high. River in bottom of cañon

West Boundary of T. 29 S., R. 6 E.

Chains	
	40 lks. wide 2 ft. deep, course N. E. being about 38 chs. N. from Sec. Cor. The 40 chs. point being inaccessible the 1/4 Sec. Cor. is not set. Gentle descent North
80.00	Set a flinty limestone 16 x 11 x 4 ins., 11 ins. in the ground for cor. to Secs. 19, 24, 25 & 30 marked with 2 notches on S. and 4 on N. edges and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which A pine 6 ins. dia. bears S. 2° W. 60 lks. dist. marked T. 29 S. R. 5 E. S. 20 B. T. A pine 7 ins. dia. bears N. 50° W. 23 lks. dist. marked T. 29 S. R. 6 E. S. 24 B. T. No other trees in limits. Land - high mountain Breaks. Soil - 4th rate - rocks. Timber - a few pine Mountainous land 50 chs.

	North bet. Secs. 19 & 24 Var. 14° 02' E.
9.00	Gulch 25 ft. deep; course S. W.
18.00	Head of gulch, course N. W.
23.50	Steep descent
29.75	Gulch 175 ft. deep, course N. W.
	Ascend
35.50	Top of steep slope.
40.00	Set sandstone 36 x 10 x 5 ins., 10 ins. in the ground on solid rock firmly in stone mound for 1/4 Sec. Cor. marked 1/4 on W. face & raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which A pine 6 ins. dia. bears S. 41° E. 67 1/2 lks. dist. marked 1/4 S. B. T. pine 5 ins. dia. bears N. 15° W. 24 lks.

West Boundary of T. 29 S. R. 6 E.

Chains	
	dist. marked 1/4 S. B. T.
45.00	Descend into round ledge Break opening East
00.00	N. E. point of ledge
— 80.00	Set a sandstone 20 x 12 x 6 ins., 15 ins. in the ground for cor. to Secs. 13. 18. 19 & 24 marked with 3 notches on S. and 3 on N. edge and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which
	A pine 5 ins. dia. bears N. 5° E., 32 lks. dist. marked T. 29 S., R. 6 E. S. 18 B. T.
	A cedar 4 ins. dia. bears N. 35° W. 40 lks. dist. marked T. 29 S. R. 5 E. S. 13 B. T.
	No other trees in limit.
	Land - mountain ledge breaks
	Soil - 4th rate - rocky
	Timber - a few pines & cedar
	Mountainous land 80 chs.
	North bet. Secs. 13 & 18
	Var. 14° 02' E.
2.00	Shallow Hollow, course Easterly
	Gradual ascent
40.00	Set sandstone 24 x 8 x 7 ins., 15 ins. in the ground for 1/4 Sec. cor. marked 1/4 on E. face & raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
45.00	Ridge 25 ft. high, bears N. E. & S. W.
— 80.00	Set sandstone 48 x 11 x 4 ins., firmly on solid rock in stone mound for cor. to Secs. 7. 12. 13 & 18, marked with 4 notches on S. and 2 on N. edge and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which
	A pine 4 ins. dia. bears S. 15° E. 54 lks.

West Boundary of T. 29 S., R. 6 E.

Chai

- marked T. 29 S. R. 6 E. S. 18 B. T.
pine 4 ins. dia. bears N. 1° W. 0.8 lks.
dist. marked T. 29 S. R. 5 E. S. 12 B. T.
No other trees in limit.
and - Broken sandstone mounds
Soil - 4th rate - rocky
Timber - a few scattering pines
Mountainous land 5.8 chs.

North bet. Secs. 7 & 12
Var. 15° 15' E. (change caused by local attraction)

19.50 Descend into breaks of Sulphur Cr. 3.75 ft. deep, course E.
29.00 cr. bed of creek, course E.
rd.
40.00 On ridge bears E. & W. set sandstone 0 X 13 X 4 ins., 20 ins. in the ground, for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which
A pine 5 ins. dia. bears S. 80° W. 70 lks.
marked 1/4 S. B. T.
No other trees in limit.
46.70 Collow 20 ft. deep, course N. 80° E.
63.00 Rock gulch 30 ft. deep, course E.
75.50 " " " " " "
80.00 set a sandstone 16 X 10 X 4 ins., 11 ins. in ground for cor. to Secs. 1, 6, 7 & 12, marked with 5 notches on S. & 1 on N. edge and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which
pine 6 ins. dia. bears S. 20° W. 43 1/2 lks.
dist. marked T. 29 S. R. 5 E. S. 12. B. T.
cedar 7 ins. dia. bears S. 70° E. 3 lks.

West Boundary of T. 29 S., R. 6 E.

Ch

+ marked T. 29 S. R. 6 E. S. 7 B. T.
o other trees in limit.
Land broken mountain ledges.
Soil - 4th rate - rocky.
Timber - a few scattering pine & cedar
Mountainous land 50 chs.

North bet. Secs 1 & 6
Var. 15° 15' E.

2.50 Rocky ridge 60 ft. high, bears E. & W.
8.00 " gulch " " deep course E.
20.00 " ridge " " high bears E. &
8.80. from Rabbit Valley to J.
E. & W. in hollow 60 ft. deep, cor
E.
0.00 foot of Capitol Reef Cliffs 500 ft.
gh almost perpendicular, set a
stone 12 x 12 ins., 5½ ft. long, 4 ft. in
ground for ¼ Sec. cor. marked ¼ on
W. face and raised a stone mound 1½
ft. high, 2 ft. base alongside. Pits
impracticable. From which
cedar 5 ins. dia. bears N. 59 lks. dist.
marked ¼ S.B.T.
pine 5 ins. dia. bears S. 40° W. 7½ lks.
dist. marked ¼ S. B. T.
Land - rocky cliff
Soil - 4th rate - rocky.
Timber - a few scattering scrub
and cedar
Mountainous land 40 chs.
May 18th, 1895.

See Note on Cor. 1

5 miles, 40. chs. of these lines run over mountainous land.

West Boundary of T. 29 S., R. 6 E.

Chains

General Description:

Township 29 S., R. 6 E. contains some Bottom lands along Fremont River and some side-drainage valleys which are susceptible of cultivation and should be subdivided.

Joseph Jensen
Augustus D. Ferrin
U. S. Dep. Surveyors.

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Correction Notes
West Boundary Tp. 29 S., R 6 E.

of Notes.

1 The reason why I run this this line North instead of South is, because the North B'y could be established on account of the inaccessible of the Capital Reef. 4

2 I abandon the line at this point on account the inaccessible beaks of the Capital Reef.

Augustus D. Fenon
Adolphe Jessen
M. S. Dir. Surveyors

List of Names.

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

Final Oath of Assistants:

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

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

SEAL

.....

.....

Final Oath of U. S. Deputy Surveyor.

I, ..., U. S. Deputy Surveyor, d
solemnly swear that, in pursuance of instructions received from ....., U. S
Surveyor General for ....., bearing date of the .....day o
....., 18 , I have well, faithfully, and truly, in my own proper person, and in stri
conformity with the instructions furnished by the U. S. Surveyor General for ....., th
surveying manual, and the laws of the United States, surveyed all those parts or portions of .....
.....
.....
.....
.....
.....Meridian, in the....., as are represented in the for
going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that a
the corners of said survey have been established and perpetuated in strict accordance with the surveying manu
printed instructions, the special written instructions of the U. S. Surveyor General for.....
and in the specific manner described in the field notes, and that the foregoing are the true field notes of such surve
and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congr
approved August 8, 1846.

.....
U. S. Deputy Surveyor

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

SEAL

.....

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City, Utah
March 21, 1896

The foregoing field notes of the survey of The West Boundary of Township 29 South, Range 6 East of the Salt Lake Base & Meridian, Utah
.....
.....
.....
.....
.....executed
Adolphe Jessen and Augustus F. Larson
under ~~his~~ their Contract No. 187, dated June 30th, 1892, having been criti
examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe,
hereby approved.

George W. Snow
U. S. 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.

.....
U. S. Surveyor Genera

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(4—679.)

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BOOK A-237

K.J.B.

FIELD NOTES

OF THE SURVEY OF

the

Subdivisions

of

Township No. 29 South, Range No. 6 E.

Of the Salt Lake Meridian,

in the Territory of Utah.

AS SURVEYED BY

Adolphus Jensen and August E. Jensen, U. S. Deputy Surveyors.

under ~~his~~ their Contract No. 187, dated June 30th 1892

Survey commenced May 20th, 1895.

Survey completed " 22nd, 1895.

(731—2,000.) 6—161

Names and Duties of Assistants.

Martin W. Allred Chainman
Sidney A. Hanks "
A. J. Allred Jr. Flagman
Albert W. Shiner Axman

BOOK A-237

INDEX DIAGRAM.

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31	32	33	34	35	36

Meanders Page

Preliminary Oaths of Assistants.

WE, _____

_____

_____

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

_____

_____

_____

_____

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman.*

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

_____

_____

WE, _____

_____

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

_____

_____

_____

_____

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

_____, *Axeman.*

_____, *Axeman.*

_____

_____

_____

Subdivision of T. 29 S., R. 6 E.

Chains	
	Survey commenced May 20th, 1895. From the cor. to Secs. 1. 2. 35 & 36 on S. Boundary of the T., I observe P Mar. 19th at 15 h. 31 m. astronomical time on its Eastern elongation. I mark this line by driving a picket 5 chs. N. of cor. At 7 o'clock A. M., May 20th, I put my transit on this line, and lay off the azimuth 1°36' to the West and dri a picket on the meridian thus obtained, 5 chs. N. of cor. This meridian has a magnetic bearing of N. 15°03' W., which corrected by table in manual, gives the mean declination 15° E.
	Thence I run N. 0°01' W. bet. Secs. 35 & 36 Var. 15° E.
5.50	Gulch 50 ft. deep, course N. E.
17.50	Rocky gulch 50 ft. deep, course N. E.
37.00	" " 100 " " " "
40.00	Set a sandstone 20 X 10 X 6 ins., 15 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N face, and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
42.52	A lone pine 14 ins. dia. on line, I marked with 2 notches on N. & S. sides
49.08	Wagon road to Junction, bears N. & S. E. in road hollow, course N. W.
55.60	end Talus of Capitol Reef
80.00	On ridge spur bears N. W. & S. E. set a quartzite stone 30 X 18 X 6 ins., 22 in. in the ground for cor. to Secs. 25. 26. 35 & 36, marked with 1 notch on S. & E. edges and raised a stone mound

Subdivision of T. 29 S., R. 6 E.

Chains

3 ft. base 2½ ft. high alongside.
Pits impracticable.
and - broken mountains
Soil - 3rd rate - rocky
timber - a few pinion pines & cedar
Mountainous land 80 chs.

East on a random line bet. Secs. 25 & 36
Var. 15° E.
40.00 et temps. ¼ Sec. cor.
80.18 intersect East Boundary of T. set this survey, 22 lks. N. of cor. S. 25 & 36 from which I run N. 89° 57' W. on a true line bet. Secs. 25 & 36 with same var.

See Note 4/1 Cor. notes

20.15 Wash in chasm 75 ft. deep, course N. E.
40.09. Set a sandstone 17x10x8 ins., in stone mound on solid rock for ¼ Sec. cor. marked ¼ on N. face, and raised a mound 1½ ft. high, 2 ft. longside. Pits impracticable.
45.20 Wash in chasm 50 ft. deep, course 1.
68.00 Descend perpendicular bluff 300 ft. high
74.00 Gulch 40 ft. deep, course N. W.
80.18 The cor. to Secs. 25. 26. 35 & 36
Land - high bluff.
Soil - 4th rate - all rock.
No Timber
Mountainous land 80.18 chs.

N. 0° 01' W. bet. Secs. 25 & 26
Var. 15° E.
4.35 Gulch 50 ft. deep, course N. W.
23.90 Road at head of Grand Wash cañon bears N. W. & N. E.

Subdivision of T. 29 S., R. 6 E.

Chains

25.00 perpendicular bluffs 300 ft. high

0.00 Set a sandstone 24 x 7 x 4 ins., on solid rock in a stone mound for 1/4 ec. cor. marked 1/4 on W. face and aised a stone mound 3 ft. high 4 ft. base alongside. Pits impracticable.

46.00 Chasm 50 ft. deep, course E.

55.60 " 60 " " " S. E.

80.00 Set a sandstone 18 x 10 x 7 ins., in stone mound on solid rock for cor. to Secs. 23. 24. 25 & 26. Marked with 2 notches on S. & 1 on E. edges and raised stone mound 1 1/2 ft. high, 2 ft. b ide. Pits impracticable.

an - high, rocky bluffs, very oil - 4th rate - rocks

No Timber

Mountainous land 80 chs.

S. 89° 51' E. on a random line bet. Secs. 24 & 25

Var: 15° E.

40.00 temp. 1/4 Sec. cor.

80.28 Intersect E. Boundary of Tp. 10 lks. of cor. to Secs. 24 & 25 set during this survey.

Thence I run

N. 89° 55' W. on true line bet. Secs. 24 & 5 with same var. u Note 4, p. 1 Corr. notes

3.00 Road bears N. E. & S. W.

cend bluffs 200 ft. high.

35.50 chasm 30 ft. deep, course S. W.

40.14 et andstone 16 x 10 x 10 ins., on solid firmly in stone mound for 1/4 Sec. cor. marked 1/4 on N. face and aised a stone mound 1 1/2 ft. , 2 . base alon . Pits i

Subdivision of T. 29 S., R. 6 E.

Chains	
48.50	Rocky chasm 50 ft. deep, course S. E.
– 80.28	The cor. to Secs. 23. 24. 25 & 26.
	Land-high, very broken rock bluffs
	Soil - 4th rate - rocky
	No Timber.
	Mountainous land 80.28 chs.
	N. 0° 1' W. bet. Secs. 23 & 24
	Var. 15° E.
31.00	Rock chasm 75 ft. deep, course N. E.
40.00	On solid rock firmly in mound of stone set a sandstone 19 x 12 x 10 ins., for 1/4 Sec. cor. marked 1/4 on W. face & raised a stone mound 4 ft. base, 4 ft. high alongside. Pits impracticable.
55.50	Rock chasm 100 ft. deep, course N. E.
– 80.00	On solid rock firmly in mound of stone set a sandstone 26 x 12 x 10 ins., for cor. to Secs. 13. 14. 23 & 24 marked with 3 notches on S. & 1 on E. edges, & raised a stone mound 5 ft. base, 5 ft. high, alongside. Pits impracticable.
	Land-high, very broken rocky bluffs.
	Soil - 4th rate - rocks.
	No Timber
	Mountainous land 80 chs.
	S. 89° 55' E. on true line bet. Secs. 13 & 24
	Var. 15° E.
20.80	Rock chasm 125 ft. deep, course N. E.
– 40.00	Set a sandstone 16 x 9 x 6 ins. on solid rock firmly in stone mound for 1/4 S. cor. marked 1/4 on N. face, & raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
	and-rocky cliffs.

note 1 p. 1
Cor. notes -

Subdivision of T. 29 S., R. 6 E.

Chains

Soil - 4th rate - rocky.
No Timber
Mountainous land 40 chs.

N. 0°01' W. bet. Secs. 13 & 14
Var. 15° E.

23.00 Descend from rock cliffs 175 ft. high.
6.40 Tremont River 60 lks. wide, 15 ins. deep, course S. E.
34.00 Ascend cliffs 150 ft. high
40.00 Set a sandstone 20 x 12 x 4 ins., on solid rock firmly, in stone mound for 1/4 Sec. cor. marked 1/4 on W. face & raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
900/11.00
See note 1, p. 1 Corr. notes
Land - rock cliffs & level cañon bottom
Soil - 4th & 1st rate
No Timber
Mountainous land 29.00 chs.
May 20th 1895.

From the cor. to Secs. 34 & 35, on the S. Boundary of T. set during this survey, I run
N. 0°01' W. bet. Secs. 34 & 35
Var. 15° E.
Descend.
8.00 Enter gulch, course N.
Thence, down gulch
15.00 Main gulch 350 ft. deep, course N. E.
Ascend
35.00 Ridge 300 ft. high bears N. E. & S. W.
40.00 Falls in inaccessible gulch 300 ft. deep at 35 chs. marked stationary quartzite ledge 2 ft. high with a cross (+) at point and 1/4 N. C.

Subdivision of T. 29 S., R. 6 E.

Chains	
	and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable for witness 1/4 Sec. cor. From which
	A pine 8 inc. dia. bears S. 50° W. 30 lks. dist. marked 1/4 S. W. C. B. T. No
	other trees in limit.
	I cause a flag to be set on line across gulch and from point 35 chs. on line I measure a base East 12 chs. to a point from which, flag on line bears N. 43° 47' W.
	I also measure a base West 10 chs. to a point from which, flag on line bears N. 35° 39' E.
	1st triangle Co Tan. 43° 47' 1.0150 × 12 = 12.18 chs.
	2nd triangle Co Tan. 35° 39' 1.2504 × 10 = 12.50 chs.
	The mean distance to flag 12.34 chs.
	35 + 12.34 chs. =
47.34	To point of flag on ridge bears N. E. & N. W.
59.00	Head of gulch, course N. E.
67.00	Ridge 150 ft. high bears S. W. & N. E.
75.50	Gulch 75 ft. deep, course N. E.
80.00	On slope facing S. E., set sandstone shale 28 × 12 × 3 inc., on solid ledge firmly, in stone mound for cor. to Sec. 26, 27, 34 & 35 marked with 1 notch on S. and 2 notches on E. edge and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable. From which
	A pine 20 inc. dia. bears S. 40° W. 21 lks. dist. marked T. 29 S., R. 6 E. S. 34 B. T.
	A pine 11 inc. dia. bears S. 89° E. 21½ lks. dist. marked T. 29 S. R. 6 E. S. 35 B. T.
	No other trees in limit.
	Land - Broken S. E. slope of Miners Mountain.
	Soil - 4th rate - rocky.

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Subdivision of T. 29 S., R. 6 E.

Chair

Timber - scattering pine & cedar.
Mountainous land 80 chs.

East on random line bet. Secs. 26 & 35.
Var. 15° E.
40.00 et. temp. 1/4 Sec. cor.
80.14 ntersect N. & S. line at cor. to Secs. 25. 26.
35 & 36 from which I run
West on true line bet. Secs. 26 & 35
— same var.
Descend
3.50 Enter broad wash course S.
7.00 Road from Junction bears N. & S.
14.00 Ascend
25.00 50 ft. deep, course N. E.
30.00 Ridge 150 ft. high, bears N. E. & S. W.
38.50 Gulch 75 ft. deep, course N. E.
40.07 Marked a stationary sandstone 10 x 8 x
3 ft. above ground for 1/4 Sec. cor. with a cross (+), at Cor.
point and 1/4 on N. face and raised a
— mound 1 1/2 ft. high, 2 ft. base
alongside. Pits impracticable.
From which
pine 10 ins. dia. bears N. 15° E. 42 ll.
dist. marked 1/4 S. B. T. No other —
in limit.
46.2 Ridge 100 ft. high, bears N. E. & S. W.
57.10 ulch 75 ft. deep, course N. E.
66.60) dge 100 ft. high, bears N. E. & S. W.
75.00 Gulch 50 ft. deep, course N. E.
80.14 The cor. to Secs. 26. 27. 34 & 35
Land - broken E. slope of Miner's
Mountain.
Soil - 4th rate, rocky & sandy.
Timber - Scattering pine & cedar
Mountainous land 69.64 chs.

see note 4, p. 1 Corr. notes.

Subdivision of T. 29 S., R. 6 E.

N. 0°01' W. bet. Secs. 26 & 27.
Var. 15° E.

5.50 Ridge 75 ft. high, bears N. E. & S. W.
9.50 Head of gulch course N. E.
14.50 " 150 ft. high, bears E. & W.
8.50 " 200 ft. deep, course E. into Grand Cañon.
2.00 Ridge 100 ft. high, bears N. E. & S. W.
87.00 Gulch 75 ft. deep, course E.
37.70 Ridge 50 ft. high, bears E. & W.
0.00 Set sandstone shale 40 x 12 x 4 ins., firmly in stone mound on solid rock. 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
1.20 Gulch 250 ft. deep, course Easterly to Grand Cañon
7.00 Gulch 40 ft. deep, course E.
56.7 " " " " S. E.
62.00 on ridge, bears E. & W.
80.00 set a sandstone shale 23 x 14 x 21 ins., 16 ins. in the ground for cor. to Secs. 2. 23. 26 & 27 marked with 2 notches on S. and E. edges and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
and - broken East slope
Soil - 4th rate - rocky
No Timber
arrow land 80 chs.

East on a random line Secs. 23 & 26
Var. 15° E.
40.00 set temp. 1/4 Sec. cor.
80.32 Intersect N. & S. line 35 lks. S. of cor. Secs. 23. 24. 25 & 26 from which I
89°45' W. bet. Secs. 23 & 26 with a

Subdivision of T. 29 S., R. 6 E.

Chain

See Note 4 p. 1 Corr notes.

variation

13.00 Chasm 25 ft. deep, course N. E.
4.00 " 30 " " " N.
40.16 Set a sandstone 17 x 11 x 4 ins., on solid ck firmly on stone mound for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
62.00 Descend from perpendicular cliff 300 ft. high.
68.25 Road in hollow, course N. W.
80.32 The cor. to Secs. 22. 23. 26 & 27
Land - high, broken, rocky, cliffs.
Soil - 4th rate - rocky
No Timber
Mountainous land 80.32 chs.

N. 0°01' W. bet. Secs. 22 & 23
Var. 15° E.
18.00 Road in road-hollow, course N. W.
40.00 Set a sandstone 16 x 10 x 5 ins., 11 ins. in the ground for 1/4 Sec. cor. marked 1/4 . face & raised a stone mound 1' N. high, 2 ft. base alongside. Pits impracticable.
2.00 Enter low hills.
62.00 Leave same.
7.00 Road, bears N. E. & S. W.
7.50 Fence " " " "
72.50 " " N. W. & S. E.
6.50 Fremont River 40 lks. wide 12 ins. deep, course N. E.
79.44 Ditch, course N. E.
80.00 Set a Trachyte stone 17 x 10 x 5 ins., 11 . in the ground for cor. to Secs. 14. 15. 22 & 23 marked with 3 notches on S. & on E. ed and raised a stone

Subdivision of T. 29 S., R. 6 E.

mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
and - mostly mountain, some Bottom
Soil - 4th & 2nd rate
Willows, alder, and birch on Bottom
Mountainous, or heavily timbered land 80 chs.

N. 89° 45' E. on random line bet. Secs. 14 & 23.
Var. 15° E.
40.00 Set temp. ¼ Sec. cor.
80.22 Intersect N. & S. line 13 lks. N. of Cor. to 13. 14. 23 & 24 from which I run 89° 51' W. on a true line bet. Secs. 14 & 23 with same var.
See Note 14/1. Corr. notes
18.00 Rocky chasm 40 ft. deep, course N. W.
1.00 " " " " " " N.
40.11 Set sandstone 19 x 11 x 6 ins., 14 ins. in ground for ¼ Sec. cor. marked ¼ on N. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
52.00 Descend perpendicular cliff 150 ft. high
67.2 Enter flat
70.2 Fence bears N. W. & S. E.
71.75. bears N. W. & S. E. at intersection
2.25 Fence bears N. W. & S. E. at intersection
8.62 Fremont river, 50 lks. wide, 15 ins. deep, course N. E.
79.32 Pitch course N. E.
80.22 The cor. to Secs. 14. 15. 22 & 23
From which
Sorenson's house bears S. 20° 10' W., 21. dist.
Sorenson's stable bears S. 11° 45' W., 18 lks. dist.
John Johnson's house bears N. 81° 30' E.

Subdivision of T. 29 S. R. 6 E.

Chain

6.50 chs. dist.
and - mostly high broken cliffs a bottom
Soil 4th & 1st rate
Timber - willows, alders & birch on bottom.
Mountainous or dense Timber land on 80.22 chs.
May 21st 1895

N. 0°01' W. bet. Secs. 14 & 15
Var. 15° E.
ascend
11.25 East point of ridge 100 ft. high reils Johnson's place, bears E., 8 dist.
Descend.
15.00 Enter flat
16.25 Road bears N. W. & S. E.
Cutler Behunnin's house, bears W .25 chs. dist.
His blacksmith shop bears East 25 lks. dist.
16.75 Fence bears N. W. & S. E.
Enter cultivated land.
23.00 Sand Creek dry bed, course S. E.
28.75 Foot of perpendicular Cliff 400 ft. high, bears N. E. & S. W.
29.75 Top of same
40.00 Set a sandstone 16 X 11 X 5 ins. 10 ins. in the ground for 1/4 Sec. cor., marked 1/4 on W. face, and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. its impracticable.
56.00 Chasm 60 ft. deep, course N. E.
63.20 " 40 " " " N. 80° E.
80.00 Set a sandstone 18 X 12 X 7 ins., 12 ins. in the ground for Cor. to Secs. 10. 11. 14 & 15 marked with 4 notches on S. & 2 on

See Note 2, p. 1 Corr. notes

66.25
13.75

Subdivision of T. 29 S., R. 6 E.

Chains

E. edges and raised a stone mound
1½ ft. high, 2 ft. base alongside.
Pits impracticable
Land - mostly high mountains
oil - 4th rate - rocky
No Timber
Mountainous land 66.25 chs.

See note 5/1.1 Corr. and

From the cor. to Secs. 22.23.26 & 27 I run
West on true line bet. Secs. 22 & 27
Var. 15° E.

4.75 Gulch 100 ft. deep, course N.
14.00 " 75 " " " N.E.
26.00 Ridge 75 ft. high, bears N.E. & S.W.
35.50 Gulch 40 ft. deep, course N.
40.00 Set a sandstone 16 x 9 x 5 ins., 11 ins. the ground for ¼ Sec. cor. marked ¼ on N. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
48.25 Gulch 70 ft. deep, course N.E.
57.00 Ridge 100 ft. high, bears N.E. & S.W.
64.00 Gulch near head 40 ft. deep, course
80.00 On ridge 250 ft. high, bears N.E. & S.
Set a sandstone 22 x 11 x 4 ins. 16 ins in the ground for cor. to Secs. 21.22.27 & 28 marked with 2 notches on S. and on E. edges and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
Land - mountainous
Soil - 4th rate, rocky.
No Timber
Mountainous land 80 chs.

Subdivision of T. 29 S., R. 6 E.

bh

N. 0°02' W. bet. Secs. 21 & 22
Var. 15° E.
Descend
14.00 Gulch 50 ft. deep, course N. E.
25.50 N. E. point of ridge
37.50 Enter canon flat of Fremont
38.15 Fremont River 40 lks. wide, 15 lns.
course E. at intersection
40.00 set Trachyte stone 24 x 8 x 8 ins., 18
in the ground for 1/4 Sec. cor.
marked 1/4 on W. face, and raised
stone mound 1 1/2 ft. high, 2 ft.
alongside. Pits impracticable.
41.50 Ascend Trachyte slope
50.00 Top of slope.
descent North
72.00 Gulch 75 ft. deep, course East.
80.00 On solid rock firmly in stone
mound set a sandstone 25 x 14 x 5
for cor. to secs. 15. 16. 21 & 22
marked with 3 notches on South
& East edges and raised a stone
mound 1 1/2 ft. high, 2 ft. base
alongside. Pits impracticable.
Land - mostly high mountains
Soil - 4th rate, rocky
Timber - a few scattering pine
Mountainous land 76 lks.

East on a random line bet. Secs.
15 & 22
Var. 15° E.
40.00 Set temp. 1/4 Sec. cor.
80.16 Intersect N. & S. line at cor. to Secs.
4. 15. 22 & 23. from which I run
West on true line bet. Secs. 15 & 22
same var.
Ascend S. E.

Note 4 p. 1
Corr. notes.

Subdivision of T. 29 S. R. 5 E.

Chains	
21.00	Ridge 250 ft. high, bears N. E. & S. W.
30.00	Hollow 50 ft. deep, course N.
40.08	Set a Trachyte stone 20 x 12 x 9 ins., 15 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
58.00	Gulch 150 ft. deep, course N. E.
73.00	" 60 " " " "
80.16	The cor. to Secs. 15. 16. 21 & 22
	Land - mountainous
	Soil - 4th rate - rocky
	No Timber
	Mountainous land 80.16 chs.

	N. 0° 02' W. bet. Secs. 15 & 16.
	Var. 15° E.
1.50	Ledge 30 ft. high, bears N. W. & S. E.
6.50	Gulch 50 ft. deep, course E.
26.50	" 60 " " " " at intersection.
31.20	Descend very steep into Sand Creek Cañon 200 ft. deep.
38.00	Dry bed of Sand Creek, course E.
40.00	Set sandstone 14 x 9 x 6 ins., 9 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. Ascend.
115.00	Ridge bears E. & W.
52.00	Gulch 50 ft., course E.
66.30	Road from Rabbit Valley to Junction, bears N. W. & S. E.
71.00	Foot of perpendicular reef, 500 ft. high bears E. & W.
	As the 80 chain point falls in a place almost inaccessible and very inconvenient, I have set a sandstone

Subdivision of T. 29 S., R. 6 E.

Chains

14 x 11 x 4 ins., 9 ins. in the ground for Witness cor. to Secs. 9, 10, 15 & 16 marked with 4 notches on S. and 3 E. edges & W. C. & raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.

80.00 Set a sandstone 17 x 10 x 5 ins. on col sandstone firmly in stone mound for cor. to Secs. 9, 10, 15 & 16 marked 4 notches on S. and 3 on E. edges and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.

Land - high mountains
Soil - 4th rate - rocky
No Timber
Mountainous land 80 chs.

East on random line bet. Secs. 10 & 15
Var. 15° E.

40.00 Set temp. ¼ Sec. cor.

50.27 Intersect N. & S. line 42 lks. S. of cor. to Secs. 10, 11, 14 & 15, from which I run S. 89° 42' W. on true line bet. Secs. 11 & 1 with same var.

17.00 Chain 50 ft. deep, course N. W.

33.60 " 60 " " " N.

40.13½ Set a sandstone 18 x 16 x 4 ins., 12 ins. in the ground for ¼ Sec. cor. marked 1/4 on W. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracti

62.75 Chain 75 ft. deep, course N. E.

80.27 The cor. to Secs. 9, 10, 15 & 16

Land - high rocky cliffs.
Soil - 4th rate - rocks.
No Timber
Mountainous land 80.27 chs.

Note of ¼ Cor. Notes.

Subdivision of T. 29 S., R. 6 E.

Chains

See Note 5, p. 1 Corr

From the cor. to Secs. 21. 22. 27 & 28
West on true line bet. Secs. 21 & 28
Var. 15° E.
Descend
13.20 Rocky Gulch 60 ft. deep, course N. E.
40.00 On ridge bears N. E. & S. W. 75 ft.
set a sandstone 16 x 11 x 8 ins., 10 ins.
ground for 1/4 Sec. cor. marked 1/4
on N. face and raised a stone
1/2 ft. high, 2 ft. base alongside.
P impracticable.
and mountainous
Soil - 4th rate
No Timber
Mountainous land 40 chs.

See Note 5, 1 Corr.

From the cor. to Secs. 15. 16. 21 & 22
West on true line bet. Secs. 16 & 21.
Var. 15° E.
cend N. E. slope.
40.00 Set sandstone 15 x 6 x 6 ins., 10 ins. in
e ground for 1/4 Sec. cor. marked
1/4 on N. face and raised a stone
mound 1 1/2 ft. high, 2 ft. base
alongside. Pits impracticable.
and mountainous
Soil - 4th rate
No Timber
Mountainous land 40 chs.
May 22nd 1895.

8 miles, 42.37 chs. o these lines, run over mountainous land.

General Description
The land surveyed in this Tp.
consists of the bottoms of F.
River and its latteral drainages.

Subdivision of T. 29 S., R. 6 E.

ec.s 14. 15. 22 & 23 contain a little
called Junction, consisting
of seven or eight families who
fruit such as peaches,
apricots, apples, plums, grapes,
awberries, currants, raspberries,
tc., and who obtain their breadst s
by exchanging these fruits for grai
Rabbit & Grass Valleys, which
too high for fruit culture.
unsurveyed part of the T. falls
tirely among rocky ledges and
mountains which can
be utilized for agricultural
poses.
are no other settlers besides
mentioned in this Tp.

entate 3, p. 1
Corr. notes

Adolphe Jessen
Augustus D. Ferron
U. S. Dep. Surveyors

Corrected Notes
Subdivisions Tn. 29 S., R. 6 E.

S of N

1 I abandon this line on account of unavailable, rocky cliffs.

2 I abandon this line on account of unavailable, rocky cliffs.

3 From a point 20 chs N. of Cor to Secs 14.15.22 & 23 ran a line East to locate improvements. At 10 chs. Young's Cabin bears N. 2 chs dist.; at 22 chs. Pierce's Cabin bears N. 2.25 chs. dist.; at 57 chs. Leo Holt's Cabin bears N. 4.25 chs. dist. The first two men were away from home, so that their initials could not be ascertained.

4 In writing up my notes, I unfortunately got of a manual of 1890, in which the phrase "with same Va." was retained. The survey was made according to "Corrected Manual of 1890. It will be observed that this survey, the variation changed on a return line, the change was noticed, and the variation of such return line was given in degrees and , so that the phrase "with same Va." can misled as the variation given in the begin of such a mile, holds good for both random and courses.

5 On account of unavailable, rocky mountains lying to the West and South from this cor. Same West only 40 chs.

Adolphe Jessen
Augustus D. Perron
U.S. dep. Surveyor.

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List of Names.

A list of the names of the individuals employed by .....
....., U. S. Deputy Surveyor, to assist in running, measuring, and
making the lines and corners described in the foregoing field notes of the survey of the .....
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.....
..... Meridian, in ....., showing
the respective capacities in which they acted:
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Final Oath of Assistants:

We hereby certify that we assisted .....
....., U. S. Deputy Surveyor, in surveying all
the parts or portions of the .....
.....
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.....
.....
..... Meridian, ..., as are represented in the
foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all
respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established,
according to the instructions furnished by the U. S. Surveyor General for .....
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Subscribed and sworn to before me this .....
day of ....., 18 .

SEAL

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Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the ....., as are represented in th
going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear t
the corners of said survey have been established and perpetuated in strict accordance with the surveying
printed instructions, the special written instructions of the U. S. Surveyor General for .....
and in the specific manner described in the field notes, and that the foregoing are the true field notes of such s
and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of C
approved August 8, 1846.

.....
U. S. Deputy Surv

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

SEAL

.....

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City Utah March 21, 189

The foregoing field notes of the survey of the Subdivision of T. 29 South Range 6 East of the Salt Lake Base Meridian Utah

..... execu
Adolphe Jessen and Augustus F. Ferron
under their Contract No. 187, dated June 30th, 1879, having been cri
examined, the necessary corrections and explanations made, the said field notes, and the surveys they describ
hereby approved.

George W. Snow
U. S. Surveyor Gen

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

.....
U. S. Surveyor Gener

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BOOK A-237

K.J.B.

FIELD NOTES

OF THE SURVEY OF

Part of the
North Boundary
of
Township No. 30 S., Range No. 5 E.

Of the Salt Lake Meridian,

in the Territory of Utah

AS SURVEYED BY

Adolphe Jessen and
Augustus D. Ferron, U. S. Deputy Surveyors.

Under ~~his~~ their Contract No. 187, dated June 30th, 1892

Survey commenced May 23rd, 1895.

Survey completed " 23rd, 185.

(70—2,000.) 6—151

H 6. 19-6 [illegible]

Names and Duties of Assistants.

Martin H. Allred Chainman

Sidney A. Hanks " "

A. J. Allred Jr. Flagman

Albert H. Shiner Axeman

BOOK A-237

INDEX DIAGRAM.

A. Bdy.

Township 20 S., *Range* 5 E.

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19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page

Preliminary Oaths of Assistants.

We, ...

....

....

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

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....

...., *Chainman.*

...., *Chainman.*

...., *Chainman.*

...., *Chainman.*

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

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We, ...

....

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

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

...., *Axeman.*

...., *Axeman.*

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....

North Boundary T. 30 S. R. 5 E.

Tha

Survey commenced May 23rd, 1895.
From the cor. to Secs 1. 6. 35 & 36
on the North Boundary of
T. 30 S. R. 5 E., which is a stone
firmly set, marked and
as described by the Surveyor
General, I run
East on a random line bet. S
1 & 36.

See Note 1, p. 1, Corr. Rules

Var. 14° 28' E.

9.20 Intersect West Boundary of
T. 30 S. R. 6 E. 17.40 chs. S. of the cor.
to T. 29 & 30 S. R. 5 & 6 E. established
during this survey, thence I
run
S. 27° 52' W. on a true line bet. Ss.
1 & 36 with same variation.

9.69 The cor. to Secs 1. 2. 35 & 36.
Land, mountainous.
oil, 3rd Rate.
Timber, scrub Pine & Cedar.
Mountainous land 19.69 chs.
May 23rd, 1895.

19.69 chs. of this line runs over mountainous land.

Augustus D. Cerron
U. S. deputy Surveyor.
Adolphe Jessen
U. S. Deputy Surveyor.

"Correction" Notes

North Boundary Tp. 30 S., R. 5 E.

of N

1 running this line I started from the cor. to Tps. 29 & 30, 5 & 6 E. and ran West 80 chs. on a random line as instructed. After long search I finally found the cor. ⌀ 1. 2. 35 & 36, in close proximity to my starting point to which I naturally "ran back", in advord thereby reversing the prescribed order of running. The distance being only a few chains, I think no has resulted therefrom.

Adolphe Jessen
Augustus D. Penn
U. S. Chf. Surveyors

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List of Names.

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

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

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.....Meridian, in ...., showing the respective capacities in which they acted:

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Final Oath of Assistants:

We hereby certify that we assisted .....

....., U. S. Deputy Surveyor, in surveying all the parts or portions of the.....

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

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

SEAL

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Final Oath of U. S. Deputy Surveyor.

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

_____ Meridian, in the _____, as are represented in th going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear th the corners of said survey have been established and perpetuated in strict accordance with the surveying m printed instructions, the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the true field notes of such su and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Co approved August 8, 1846.

_____

U. S. Deputy Surve

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

SEAL

_____

Approval.

Office of the U. S. Surveyor General,

Salt Lake City Utah March 21, 1896.

The foregoing field notes of the survey of the North Boundary of Township 31 South Range 5 East of the S. Lake Base & Meridian, Utah

_____ execut Adolphe Jessen & Augustus De Feron under his Contract No. 189, dated June 30th, 1892 having been criti examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe hereby approved.

George W. Snow

U. S. Surveyor Gener

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

_____

U. S. Surveyor Gener

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BOOK A-237

No. 3.

FIELD NOTES

OF THE SURVEY OF

the

Subdivisions

of

Township No. 30 S., Range No. 5 E.

Of the Salt Lake Meridian,

in the Territory of Utah

AS SURVEYED BY

Adolphe Jessen and Augustus D. Ferron, U. S. Deputy Surveyors.

Under his Contract No. 187, dated June 30th, 1892.

Survey commenced May 23rd, 1895.

Survey completed " 24th, 1895.

(5700—4, 00.) 6—151

tr 9 32.73

Lo 06.00

9 38 73 wgt.

BOOK A-

Names and Duties of Assistants.

Martin W. Allred Chairman

Sidney A. Hanks " "

A. J. Allred Jr. Flagman

Albert W. Shiner Arrman

BOOK A-237

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, ...

.....

.....

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

.....

.....

.....

.....

....., *Chainman.*

....., *Chainman.*

....., *Chainman.*

....., *Chainman.*

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

.....

.....

We, ...

.....

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

.....

.....

.....

.....

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

....., *Axeman*

....., *Axeman*

.....

.....

.....

Subdivisions of T. 30 S. R. 5 E.

Chains

Survey commenced May 23rd, 1895. From the established cor. to Secs. 10. 11. 14 & 15 which is a stone firmly set, marked and witnessed as described by the Surveyor General, I take an observation of Polaris. May 22nd, 1895, at 15 h. 19 m. astronomical time, on its Eastern Elongation. I mark the line with a peg 3 chs. N. of cor.

On the morning of May 23rd at 7 o'clock I lay off the azimuth 1°36' to the West, and mark the true meridian by driving a stake 5 chs. N. of cor. This meridian I find has a magnetic bearing of N. 14°31' W. which reduced by the table in manual gives the mean declination 14°28' E. See Note 1, p. 1, Corr. Notes

Thence I run East on the South Boundary of Sec. 11 at 39.72 chs. Intersect the ¼ Sec. cor. At 79.88 chs. I fall 1 lk. N. of cor. to Secs. 11. 12. 13 & 14.

It is therefore a true West line as stated by the Surveyor General. And my alignment and chaining practically agree with those of the existing surveys of this township.

BOOK A-237

Subdivisions of T. 30 S. R. 5 E.

hain:
From said cor. to Secs. 11, 12, 13 & 14
East on a random line bet. S
12 & 13.
Var. 14° 28' E.
9.22 Intersect the West Boundary
of T. 30 S. R. 6 E. as established
during this survey 16.88 chs.
South of the cor. to Secs. 7, 12, 13 & 1
From which I run
S. 28° 39' W. on a true line bet. Secs.
12 & 13 with same variation.
see Note 10, p. Corr. Notes 19.23 The cor. to Secs. 11, 12, 13 & 14.
Land mountainous.
Soil 3rd Rate.
Timber scrub Pine and Cedar.
Land mountainous 19.23 chs.

From the cor. to Secs. 12, 11 & 12,
which is a stone firmly set,
marked and witnessed as
described by the Surveyor
General. I run
East on a random line bet.
secs. 1 & 12.
Var. 14° 28' E.
9.18 Intersect West Boundary of
T. 30 S., R. 6 E., 17 chs. South of cor. to
secs. 1, 6, 7 & 12 set during this survey
on which I run
S. 28° 23' W. on a true line bet. Se
& 12 with same variation.
see Note 10, p. Corr. Notes. 19.32 The cor. to Secs. 1, 2, 11 & 12.
Land mountains.
Soil 3rd Rate.
Timber Scrub Pine and Cedar.
Mountainous land 19.32 chs.

Subdivisions of T. 30 S., R. 5 E.

Chains

From the cor. to Secs. 11. 12. 13 & 14.
I run
S. 1° 1' E. bet. Secs. 13 & 14.
Var. 14° 28' E.
Ascend
40.00 Set a trachyte stone 14 x 12 x 8 ins.
9 ins. in the ground for 1/4 Sec.
cor. marked 1/4 on W. face and
raised a stone mound 1 1/2 ft.
high 2 ft. base alongside.
Pits impracticable.
Land North slope of Boulder
Mountain.
Soil 3rd Rate, rocky.
Timber, scattering scrub Pine See Note 2, p. 1, Corr. Notes
Mountainous land 40 chs.

From the cor. to Secs. 10. 11. 14 & 15 I
run
S. 1° 1' E. bet. Secs. 14 & 15.
Var. 14° 28' E.
Ascend North slope of mountain.
40.10 Set a trachyte stone 16 x 12 x 9 in
10 ins. in the ground for 1/4 Sec.
cor. marked 1/4 on W. face and
raised a stone mound 1 1/2 ft.
high 2 ft. base alongside.
Pits impracticable.
Land North slope of Boulder
Mountain.
Soil 3rd Rate, rocky.
Timber, scattering Pine and Red 1. See Note 3, p. 1, Corr. Notes.
Mountainous land 40 chs.

Subdivisions of T. S. R. 5 E.

Chains	
	West on a true line bet. Secs. 10 & 15.
	Var 14° 28' E.
	In thick Cedars and Pines over rolling ground.
4.00	Descend into hollow.
10.00	Hollow 50 ft. deep course N.
16.00	Ridge 60 ft. high course N. & S.
19.00	Enter Caucus Cr. Flat and dense sage brush.
	Leave Timber.
20.90	Road to sawmill bears N. & S.
24.00	Caucus Cr. 6 lks. wide 10 ins. deep course N.
	S. E. cor. William Clarks fenced field 4 chs. N.
26.90	Road bears N. & S.
27.80	Ditch course N.
34.80	Ascend
	Leave flat.
	Enter Timber.
37.78	Remains of old pre-historic ditch, supposed to have been made by the ancient cliff dwellers, course N.
40.00	Set a trachyte stone 22 X 12 X 8 ins. 16 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N. face and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable, from which a Pine 8 ins. dia. bears S. 32° E. 21 lks. dist. marked 1/4 S. B. T.
41.50	Remains of ancient cliff dwellers farm containing about 7 acres, about 6 chs. N.
45.00	North point of rocky ridge.
51.75	Ridge 25 ft. high bears N. & S.
61.25	Gully course N. E.
	Ascend
64.47	A Cedar 10 ins. dia. on line I

Subdivisions T.30 S. R. 5 E.

Chain

mark with 2 notches on E. & W. sides.

80.00 Set a trachyte stone 30 X 16 X 10 ins. 20 ins. in the ground for cor. to Secs. 9. 10. 15 & 16 marked with 4 notches on and 3 on E. edges. and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits acticable.

Land mountains and canon flat.

Soil 3rd & 1st Rate.

Timber Cedar and Pine.

Mountainous land on c with dense undergrowth 80 chs.

S. 0° 2' E. bet. Secs. 15 & 16.

Var. 14° 28' E.

Ascend over rolling Northslop of mountain.

40.00 Set a trachyte stone 26 X 14 X 18 in 18 ins. in the ground for ¼ Sec. c. marked ¼ on W. face and raised a stone mound 1½ ft. high 2 ft. base alongside.

Pits impracticable, from a Pine 10 ins. dia. bears N. 40° E. 82 lks. dist. marked ¼ S. B. T.

A Pine 8 ins. dia. bears N. 47° W. 83 lks. dist. marked ¼ S. B. T.

Land mountainous.

Soil 3rd Rate.

Timber some scrub Pine and Cedar.

Mountainous land 40 chs.

Note 5 p. 1, Corr. Rolls.

Subdivisions of T. 30 S. R. 5 E.

Chains	
	N. 0° 2' W. on a random line bet. Secs. 9 & 10.
	Var. 14° 28' E.
40.00	Set a temporary ¼ Sec. cor.
79.94	The cor. to Secs. 3. 4. 9 & 10 which is a stone firmly set, marked and witnessed as described by the Surveyor General. From which I run
	S. 0° 2' E. on a true line bet. Secs. 9 & 10 with same variation.
	Descend
1.50	Enter flat
7.50	Ancient cliff dwellers ditch course W.
	Ascend
39.97	Set a trachyte stone 20 X 16 X 8 ins. 15 ins. in the ground for ¼ Sec. cor. marked ¼ on W. face and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable. From which a Pine 4 ins. dia. bears S. 50° W. 30 lks. dist. marked ¼ S. B. T. a Cedar 5 ins. dia. bears S. 40° E. 24 lks. dist. marked ¼ S. B. T.
42.00	Ridge 25 ft. high bears N. E. & S.
49.00	Flat hollow course N. E.
70.00	Ridge 30 ft. high bears N. E. & S. W.
79.94	The cor. to Secs. 9. 10. 15 & 16.
	Land mostly trachyte ridges. Soil 4th Rate, rocky. Timber scrub Pine and Cedar.
	Mountainous land 73.94 chs.
	May 23rd, 1895.

See Note 10, p. 1 Corr. Notes.

Subdivisions of T. 30 S. R. 5 E.

Chains

West on a true line bet. Secs. 9 & 16.

Var. 14° 28' E.

See Note 4, p. 1, Corr. Notes.

10.00 Low ridge bears N.E. & S.W.

24.85 Ancient cliff-dwellers ditch course N.

31.50 Head of hollow course N.E.

36.00 Ridge 40 ft. high bears N.E. & S.W. Thence over broken West slope.

40.00 Set a trachyte stone 22X12X9 ins. 16 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N. face and raised a stone mound 1 1/2 ft. high 2 ft. base alongside.

Pits impracticable, from which

A Cedar 13 ins. dia. bears S. 80° E. 16 lks. dist. marked 1/4 S.B.T.

A Pine 4 ins. dia. bears N. 60° W. 18 lks. dist. marked 1/4 S.B.T.

80.00 Set a trachyte stone 17X11X5 ins. 11 ins. in the ground for cor. to secs. 8, 9, 16 & 17 marked with 4 notches on S. and 4 on E. edges, and raised a stone mound 1 1/2 ft. high 2 ft. base alongside.

Pits impracticable, from which

A Cedar 25 ins. dia. bears N. 50° W. 159 lks. dist. marked T. 30 S. R. 5 E. S. 8 B.T.

A Cedar 13 ins. dia. bears S. 65° W. 180 lks. dist. marked T. 30 S. R. 5 E., S. 17 B.T.

No other trees in limit.

and North slope of Boulder mountain, rocky lava. Soil 4th rate, n

Timber scattering Pine and Cedar.

Mountainous land 80 chs.

Subdivisions of T. 30 S. R. 5 E.

h

.0°3' E. bet. Secs. 16 & 17.
Var. 14°28' E.
Ascend North slope of Boulder Mountain.
40.00 Set a trachyte stone 16 X 12 X 10 11 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. its impracticable.
Land broken, rocky N. slope. oil 4th Rate, lava.
See note 6, p. Corr. notes. Timber scattering Pine and Mountainous land 40 chs.

.0°3' W. on a random line bet. S 8 & 9.
Var. 14°28' E.
40.00 Set a temporary 1/4 Sec. cor.
80.06 To a point 5 lks. East of cor. ecs. 4. 5. 8 & 9, from which I run .0°5' E. on a true line bet. 8 & 9 with same variation.
See note 10, p. 1 Corr. notes. 40.03 et a trachyte stone 24 X 12 X 3 ins. 18 ins. in the ground for 1/4 ec. cor. marked 1/4 on W. face and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable, from Pine 4 ins. dia. bears W. 13 dist. marked 1/4 S. B. T.
A Pine 4 ins. dia. bears E. 17 lks. dist. marked 1/4 S. B. T.
46.00 Ridge 40 ft. high bears N. E. & S. W.
80.06 The cor. to Secs. 8. 9. 16 & 17.
Land, broken N. W. Slope of Mountain.
Soil 4th Rate, ro

Subdivisions of T. 30 S. R. 7 E.

Chains	
	Timber, scattering Pine and Cedar.
	Mountainous land 80.06 chs.
	West on a true line bet. Secs. 8 & 17. Var. 14° 28' E.
22.00	Low ridge bears N.E. & S.W.
40.00	Set a trachyte stone 17×14×5 ins. 11 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N. face and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable, from which A Cedar 4 ins. dia. bears South 9 1/2 lks. dist. marked 1/4 S.B.T. A Pine 11 ins. dia. bears N. 84° E. 34 lks. dist. marked 1/4 S.B.T.
53.50	Fish Cr. 20 lks. wide, 1 ft. deep in cañon 350 ft. deep course N. Ascend very steep mountain.
80.00	Set a trachyte stone 15×12×7 ins. 12 ins. in the ground for cor. to Secs. 7. 8. 17 & 18 marked 4 notches on S. and 5 on E. edges and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable. Land, high mountains. Soil 3rd Rate, rocky. Timber, scattering Pine and Cedar Mountainous land 80 chs.

See note 4 p. 1. corr. notes.

Subdivisions of T. 30 S. R. 5 E.

.0° 3' E. bet. Secs. 17 & 18.
Var. 14° 28' E.
Along E. ast slope of ridge.
40.00 set a trachyte stone 16 x 12 x 9 ins.
10 ins. in the ground for 1/4 Sec. cor.
arked 1/4 on W. face and
aised a stone mound 1 1/2 ft.
igh, 2 ft. base alongside.
its impracticable.
and, mountains.
oil 4th Rate, rocky.
Timber scattering Pine.
Mountainous land 40 chs.

See Note 7, p. 1 Corr. Notes.

West on a true line bet. Secs. 7 & 18.
Var. 14° 28' E.
Ascend
18.25 Ridge 400 ft. high bears N.E. & S.
Descend
40.00 set a trachyte stone 16 x 14 x 9 ins.
1 ins. in the ground for 1/4 Sec. c
arked 1/4 on N. face and
aised a stone mound 1 1/2 ft.
igh 2 ft. base alongside.
Pits impracticable.
Land, high mountains.
Soil 4th Rate, rocky.
Timber, scattering Pine and
Cedar.
Mountainous land 40 chs.

See Note 8, p. 1, Corr. Notes.

See Note 4, p. 1 Corr. Notes

N. 0° 3' W. on a random line bet. Se
7 & 8. Var. 14° 28' E.
40.00 Set a temporary 1/4 Sec. cor.
80.18 To a point 7 lks. E. ast of cor. to S
5. 6. 7 & 8 on which I run

Subdivisions of T. 30 S. R. 5 E.

Chai 1

. 0° 6' E. on a true line bet. Secs. 7 & 8 with same variation. See Note 10 p. 1 Cor notes.
Ascend.

40.09 On ridge 3.00 ft. high bears N.E. & S. set a trachyte stone 17 X 9 X 6 ins. 11 in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impractic.

80.18 The cor. to Secs. 7. 8. 17 & 18.
Land, high mountains.
Soil 4th Rate, rocky.
Timber, scattering scrub Cedar.
Mountainous land 80.18 chs.
May 24th, 1895.

7 miles, 32.73 chs. of these lines run over mountainous lan

General Description.

The additional land embraced in this township consists of a ortion of the North slope of Boulder Mountain, which was formed by a flow of lava that has crystalized partly into trachyte and partly into andesi In the act of crystalization li depressions were formed which formerly were filled with water orming little lakes or ponds, ilar to those at present existing on the East slope of the Thousand Lake Mountain. ich is but a continuation of this Mountain cut off by the Fremont River Cañon. n the course of time these l dried up and their beds were illed with soil made

Subdivisions of T. 30 S. R. 5 E.

h

denudation of the mountian,
and are now little flats,
susceptible of cultivation
over water can be brought.
The ancient race of cliff dwellers,
who once inhabited this coun
ad all these flats under
cultivation; the remains of their
ditches and little farms are
till visible.
ottery and stone implemen
found here, until quite
cently, in abundance.
he land has an average
tion of over 7,100 ft. above se
, but will produce all
cereals and some hardy fruits
The part of this township
remaining unsurveyed at
times lies too high to be irrigate
and is too rocky, and of too
a slope to be ever available f
agricultural purposes.

See Note G.P.
Corr. Notes.

Adolphe Jessen
Augustus F. Ferron
U. S. Deputy Surveyors

Correction Notes
Subdivisions Th. 30 S. R 5 E.

No. of Notes

1 The reason I commenced my Survey at the Cor to Secs 10.11.14 & 15 was, because a little more than the South Half of this Th. falls in ground unsuitable for agricultural purposes, and on which account the South B.L. (6th Stand. P. S.) was not Surveyed.

2 I abandon line at ¼ sec cor. on account of unavailable rocky mountain slopes.

3 This line was abandoned for same reason.

4 From the Cor. to Secs 10.11.14 & 15, The lines west were run "on a true line" for reason given in note 1. Corr. notes.

5 This line was abandoned for same reason

6 This line was abandoned for same reason

7 This line was abandoned for same reason

8 This line was abandoned for same reason

9 Messrs R Thompson and S.D. Young the applicants for Survey, had left the Th.

10 In writing up my notes, I unfortunately got hold of a manual of 1890 in which the phrase "with same va" was retained. The Survey was made in accordance with the "Corrected" manual of 1890. It will be observed that wherever in this Survey the variation changed on a return line, the change was noted, and the variation of such return line was given in degrees and minutes. So that the phrase "with same va." can not mislead, as the variation given in the beginning of a mile, holds good for both random and true courses.

Adolphe Jessen
Augustus D. Ferron
M. L. dep. surveyors

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List of Names.

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

....., U. S. Deputy Surveyor, to assist in running, measuring, and rking the lines and corners described in the foregoing field notes of the survey of the .....

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.....Meridian, in ...., showing t respective capacities in which they acted:

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.....

.....

Final Oath of Assistants:

We hereby certify that we assisted .....

....., U. S. Deputy Surveyor, in surveying all e parts or portions of the .....

.....

.....

.....

.....

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.....

..... Meridian, ..., as are represented in the oing field notes as having been surveyed by him and under his direction; and that said survey has been in all cts, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, ding to the instructions furnished by the U. S. Surveyor General for .....

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.....

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

SEAL

.....

.....

6—151

420
416-419 Beach

Final Oath of U. S. Deputy Surveyor.

I, ..., U. S. Deputy Surveyo
solemnly swear that, in pursuance of instructions received from .....,
Surveyor General for ....., bearing date of the .....d
....., 18 , I have well, faithfully, and truly, in my own proper person, and in s
conformity with the instructions furnished by the U. S. Surveyor General for .....
surveying manual, and the laws of the United States, surveyed all those parts or portions of .....
.....
.....
.....
.....
.....Meridian, in the....., as are represented in the
going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear tha
the corners of said survey have been established and perpetuated in strict accordance with the surveying ma
printed instructions, the special written instructions of the U. S. Surveyor General for.....
and in the specific manner described in the field notes, and that the foregoing are the true field notes of such sur
and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Con
approved August 8, 1846.

.....
U. S. Deputy Survey

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

SEAL

.....
.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City, Utah, March 21, 189

The foregoing field notes of the survey of The Subdivisions of T 30 South Range 5 East of the Salt Lake Base Meridian
.....
.....
.....
.....
.....
..... execut
Adolphe Jessen and Augustus D. Ferron
under his Contract No. 1189, dated June 30th, 1892 having been criti
examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe
hereby approved.

.....
U. S. Surveyor Gener

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

.....
U. S. Surveyor Gener

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(4—679.)

BOOK A-237

FIELD NOTES

OF THE SURVEY OF

the

North Boundary

of

Township No. 29 S., Range No. 5 E.

Of the Salt Lake Meridian,

in the Territory of Utah

AS SURVEYED BY

Adolphus Jessen and Augustus T. Ferron, U. S. Deputy Surveyors

under ~~this~~ their Contract No. 187, dated June 30th, 1892

Survey commenced May 25th, 1895.

Survey completed " 25th, 1895.

G. P. O. 1901 6—151

Names and Duties of Assistants.

Martin W. Allred	Chainman
Sidney A. Hanks	"
J. J. Allred Jr.	Flagman
Albert W. Shinor	Axeman

BOOK A-237

INDEX DIAGRAM.

Township 29 S., *Range* 5 E.

6	5	4	3	2	1
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19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page.....

Preliminary Oaths of Assistants.

We, ...

.....

.....

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

.....

.....

.....

.....

....., *Chainman*

....., *Chainma*

....., *Chainman*

....., *Chainma*

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

.....

.....

We, ...

.....

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

.....

.....

.....

.....

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

....., *Axe*

....., *Axe*

.....

.....

.....

North Boundary of T. 29 S., R. 5 E.

Cl

Survey commenced May 25th 1890
According to my special instru-
this line should have been run
from the N. E. cor. of this T. est
in accordance with the surveys
E. of same. But as this cor. falls
in accessible cliffs and cannot be
established on that account, I go
the existing N. W. cor. of this township and run
the line East.

From the cor. to Tps. 28 & 29 S. R's 4 & 5
E. which is a stone firmly set,
marked & witnessed as described
by the Surveyor General, I
Polaris May 24th at 15 h. 11 m.
astronomical time on its Eastern
elongation and mark the line
by driving a peg 5 chs. N. of cor.
In the morning of May 25th at
7 o'clock, I lay off the azimuth
°36' to the West and mark the
true meridian by driving a picket
chs. N. of cor.
I find that this meridian has a
magnetic bearing of N. 15° 13' W.,
which, reduced by table in manual gives the mean var. 15° 10' E.

hence I run
East on true line bet. Secs 6 & 31
Var. 15° 10' E.
11.50 Enter Flat.
Leave Hills bear N. W. & S. E.
18.25 Deep wash, course S. E.
38.86 Allowin meri

North Boundary of T. 29 S. R. 5 E.

a Trachyte stone 29 x 10 x 5 ins., 20 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N. face & raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.

39.35 Previous wash, course N. E.

78.86 et a Trachyte stone 17 x 12 x 11 ins. 11 ins. in the ground for cor. to Secs. 5. 6. 1 & 32 marked with 5 notches on E. and 1 on W. edges and raised a stone mound 1 1/2 ft. high, 2 ft. base along- . Pits impracticable.

1150
67.36

and - mostly level
oil - 1st rate
No timber
Mountainous land 11.50 chs.

East on a true line bet. Secs. 5 & 32
Var. 15° 10' E.

0.00 Set Trachyte stone 16 x 12 x 6 ins., 10 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.

40.40 Deep wash, course S. E.

45.50 ame " " E.

Thence in wash

51.50 ve same, course N. E.

77.00 Wash 20 ft. deep, course S. E.

79.20 " " " " " S.

80.00 Set a Trachyte stone 22 x 14 x 6 ins., 16 ins. in the ground for cor. to Secs. 4. 5. 32 & 33 marked with 2 notches on W. & 4 on E. edges and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.

Land - level
oil - 2nd rate - sandy.

North Boundary of T. 29 S. R. 5 E.

Chains

No Timber.

East on a true line bet. Secs. 4 & 33.
Var. 15°10' E.

16.25 Gully, course S.
26.55 County road to Junction bears N.E. & S.
33.55 Sulphur Creek in gulch 25 ft. deep, nearly dry, course S.
39.70 Road to Sulphur cañon bears N. 0° E. & S. 20° W.
40.00 Set a Trachyte stone 16 x 15 x 4 ins., 10 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N. face and raised a stone mound 1 1/2 ft. high, 2 ft. alongside. Pits impracticable. From which
A Trachyte boulder 8 x 5 x 4 ft. be S. 39 1/2° E., 30 lks. dist. marked a + and B. O.
Ascend W. slope.
49.50 Enter North point of flat top mountain 350 ft. high
56.50 Descend on N. E. slope.
75.00 Enter Bench
80.00 Set Trachyte stone 24 x 16 x 4 ins., 18 ins. in the ground for cor. to Secs. 3. 4. 33 & 34 marked with 3 notches on E. & W. edges and raised a stone mound 1 1/ ft. high, 2 ft. base alongside. P-- impracticable. From which
pine 8 ins. dia. bears S. 65° E., 101 1/2 es. dist. marked T. 29 S., R. 5 E., S. 3. B. T.
No other trees in limit.
id - West half level - East half mountainous.
oil - 2nd & 3rd rate
Timber - a few scattered cedars on E. ex inous land 40 chs.

North Boundary of T. 29 S., R. 5 E.

ch

East on a true line bet. Secs. 3 & 34
Var. 15° 10' E.

9.7 Descend N. E. slope

15.00 Enter very broken rocky ground

18.00 25 ft. deep, course S. E.

29.00 Same gulch course N. E.

40.00 Set a sandstone 18 x 6 x 5 ins. 12 ins. ground for 1/4 Sec. cor. marked 1/ N. face and raised a stone 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From cedar 6 ins. dia. bears S. 70° E. 28 l/ dist. marked 1/4 S. B. T. pine 7 ins. dia. bears N. 65° E. 78 1/2 lks. dist. marked 1/4 S. B. T.

2.23 County Road to Junction bears N. W. & S. E. in gulch 60 ft. deep, S. E.

53.15 35 ft. deep, course S.

70.00 gulch 60 ft. deep, course S.

77.50 Head of Gulch, course N. W.

80.00 On ridge 100 ft. high, bears N. 3 chs. & S. 30 chs. Set a sandstone 16 x 7 x 4 ., 11 ins. in the ground for cor. to secs. 2. 3. 34 & 35, marked with 2 on E. & 4 on N. edges & raised stone mound 5 ft. base, 4 ft. high side. Pits impracticable.

Lay — rocky ridges

Soil — 4th rate — rocky.

Timber — a few scattering pines &

mountainous land 80 chs.

East on true line bet. Secs. 2 & 35
Var. 15° 10' E.

9.00 ch 75 ft. deep, course S. E.

— 40.00 Ar

500

North Boundary of T. 29 S., R. 5 E.

high and inaccessible, set a
sandstone 16 x 11 x 5 ins. 11 ins. in the
for 1/4 sec. cor. marked 1/4 on
N. face and raised a stone mound
1 1/2 ft. high, 2 ft. base alongside.
its impracticable.
and - broken ridges.
oil - 4th rate - rocky
o Timber
Mountainous land 40 chs.
May 25th 1895.

2 miles, 11.50 chs. of this line run over mountainous land.

General Description.
northwestern part of this
-nship covers portions of a flat
called by the inhabitants "Poverty Flat"
This should be subdivided.
The rest of the township
of broken rocky ledges, ridges,
and gulches, unfit for any
e whatever.

Adolphe Jensen
Augustus D. Jenson
U. S. Deputy Surveyors

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List of Names.

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

....., U. S. Deputy Surveyor, to assist in running, measuring, and making the lines and corners described in the foregoing field notes of the survey of the .....

.....

.....

.....

.....

.....

.....

.....Meridian, in ....., showing respective capacities in which they acted:

.....

.....

.....

.....

.....

.....

.....

Final Oath of Assistants:

We hereby certify that we assisted .....

....., U. S. Deputy Surveyor, in surveying all or parts or portions of the .....

.....

.....

.....

.....

.....

.....

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

.....

.....

.....

.....

.....

.....

.....

.....

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

SEAL

.....

.....

6—121

436.
432-435 Blank

Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the ....., as are represented in the going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear th the corners of said survey have been established and perpetuated in strict accordance with the surveying ma printed instructions, the special written instructions of the U. S. Surveyor General for..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such su and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Con approved August 8, 1846.

.....
U. S. Deputy Surve

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

SEAL

.....

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City Utah March 21, 1896

The foregoing field notes of the survey of the North Boundary of T 29 South Range 5 East of the Salt Lake Base & Meridian, Utah

.....executed Adolphe Jessen and Augustus D Ferron under ~~his~~ their Contract No. 187, dated June 30th, 1892, having been critica examined, the necessary corrections and explanations made, the sa field notes, and the surveys they describe, hereby approved.

.....
U. S. 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.

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

6—151

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(4—679.)

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H.F.B.

BOOK A-237

FIELD NOTES

OF THE SURVEY OF

the

Subdivisions

of

Township No. 29 S., Range No. 5 E.

Of the Salt Lake Meridian,

in the Territory of Utah.

AS SURVEYED BY

Adolphe Jessen and Augustus D. Ferron, U. S. Deputy Surveyors

ler ~~his~~ their Contract No. 187, dated June 30th, 1892

vey commenced May 27th, 1895.

vey completed " 29th, 1895.

2, (O.) 6—151

H 11-12.39

L 45.95

Names and Duties of Assistants.

Martin W. Allred Chainman
Sidney A. Hanks "
A. J. Allred Jr. Flagman
Albert W. Shiner Axeman

BOOK A-237

INDEX DIAGRAM.

Township 19 S., *Range* 5 E.

6	5	4	3	2	1
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30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page

Preliminary Oaths of Assistants.

We, ...

.....

.....

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

.....

.....

.....

.....

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

.....*, Chainman.*

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

.....

.....

We, ...

.....

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

.....

.....

.....

.....

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

.....*, Axeman.*

.....*, Axeman*

.....

.....

.....

Subdivision of T. 29 S. R. 5 E.

Chains

Survey commenced May 27th 1895.
From the cor. to Secs. 16. 17. 20 & 21
is a stone firmly set, marked &
witnessed as described by the
Surveyor General, I observe Pola
May 26th 1895, 15h. 4m. astron-
omical time, on its eastern
elongation, and mark the line by
driving a peg 5 chs. N. of cor.
At 1.5 o'clock A. M. May 27th 1895,
I lay off the azimuth 1°36' to the
and mark the true meridian
with a picket 5 chs. N. of cor.
I find its magnetic bearing to
N. 15°13' W. which, reduced by
table in manual, gives the
mean declination 15°10' E.

Thence I run
N. 0°03' W. bet. Secs. 16 & 17
Var. 15°10' E.
Over rocky ledges
40.00 Marked stationary ledge rock 4 x 3 x
1½ ft. above ground with cross
at cor. point and ¼ on West face
and raised a stone mound 1½ ft.
high, 2 ft. base alongside. Pits
impracticable. From which
a pine 2 ins. dia. bears S. 60° W. 23
lks. dist. marked ¼ S. B. T.
No other trees in limit.
Descend.
11.50 Bottom of gulch 30 ft. deep,
E.
ascend.
13.00 Top of breaks.
35.00 Rock gulch 30 ft. deep, course N. E.
63.2 " " 40 " " " "

Subdivision of T. 29 S., R. 5 E.

Chains
75.50 A pine 7 ins. dia. on line marked with 2 notches on N. & S. sides.
80.00 In bottom of gulch 75 ft. deep, N. E. set a sandstone 32 X 12 X 2 1/2 ins on solid rock firmly in stone for cor. to Secs. 8. 9. 16 & 17 marked 4 notches on S. and E. edges and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which
A pine 5 ins. dia. bears N. 85° E. 15 lks. dist. marked T. 29 S. R. 5 E. S. 9 B. T.
pine 6 ins. dia. bears S. 35° W. 31 lks. dist. marked T. 29 S. R. 5 E. S. 17 B. T.
No other trees in limit.
Land - rocky ledges
Soil - 4th rate - rocks
Timber - some scrub pine & cedar
Mountainous land 80 chs.

N. 0° 03' W. bet. Secs. 8 & 9.
Var. 15° 10' E.
Descend
8.00 Enter lower Breaks.
40.00 Set sandstone 15 X 9 X 7 ins., 10 ins. in the ground for 1/4 Sec. cor. marked 1/ on W. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. P. impracticable.
47.20 Rocky gulch 30 ft. deep, course S. E.
67.00 " " 40 " " " "
80.00 Set sandstone 26 X 14 X 4 ins., firmly in stone mound on solid ledge of rock for cor. to Secs. 4. 5. 8 & 9 marked with 5 notches on S. and 4 on E. edges a stone mound 1 1/2 ft. high, ft. base alongside. Pits
" acticable. From which

Subdivision of T. 29 S. R. 5 E.

Chain

pine 8 ins. dia. bears S. 82° E. 44 lks.
marked T. 29 S. R. 5 E. S. 9 B. T.
A pine 5 ins. dia. bears S. 7° E. 53 lks.
dist. marked T. 29 S. R. 5 E. S. 9 B. T.
pine 4 ins. dia. bears N. 15° W. 51½
lks. dist. marked T. 29 S. R. 5 E. S 5 B. T.
No other trees in limit.
Land - ledge breaks
oil - 4th rate - rocks.
Timber - scrub pine & cedar.
Mountainous land 80 chs.

N. 0° 03' W. on a random bet. Secs.
4 & 5
Var. 15° 10' E.
40.00 Set temp. ¼ Sec. cor.
79.90 intersect N. Boundary of T. 39 lks. E.
of cor. to Secs. 4 & 5, 32 and 33 set during this
from which I run
.0° 2' E. on true line bet. Secs. 4 & 5
with same var. Note 2, p. 1, Corr. Notes.
2.40 County road to Junction bears E. & W.
in gulch 30 ft. deep, course E.
15.00 Gulch 30 ft. deep, course E.
17.25 Rid 30 ft. high, bears E. & W.
21.50 ch 30 ft. deep, course E.
25.50 Ridge 35 ft. high bears E. & W.
27.75 Foot of ridge slope
thence through broken rocks
32.40 Gulch 25 ft. deep, course E.
actual Ascent
39.90 at sandstone 28 x 8 x 3 ins. 20 ins.
the ground for ¼ Sec. cor.
¼ on W. face and raised a stone
mound 1½ ft. high, 2 ft. base
alongside. Pits impracticable.
43.00 Top of ledge.
47.50 Descend

Subdivision of T. 29 S. R. 5 E.

53.40 Sand Creek 3 lks. wide, in gulch
0 ft. deep, course E.
Ascend.
55.00 Top of ledge.
61.85 Gulch 25 ft. deep, course N.E.
70.1 Rock gulch 60 ft. deep, course N.E.
79.90 The cor. to Secs. 4. 5. 8 & 9.
d - very broken ridges.
oil - 4th rate - rocky.
Timber - some scrub pine &
tainous land - 79.90 chs.

From the cor. to Secs. 17. 18. 19 & 20.
which is a sandstone firmly set,
, and witnessed as
by the Surveyor General,
I run
N. 0° 03' W. bet. Secs. 17 & 18
Var. 15° 10' E.
3.00 Enter Flat
8.80 Road to Poverty Flat bears N.W. & S.
10.30 Fence bears N. & S.W.
Wash, course S.E.
Ascend.
15.00 N. point of ledge.
Descend.
25.8 A pine 4 ins. dia. on line I mark
2 notches on N. & S. sides
Enter Flat.
35.00 Leave Flat.
40.00 Set Trachyte stone 20 x 11 x 10 ins., 15
in the ground for 1/4 Sec. cor.
marked 1/4 on N. face and raised a
mound 1 1/2 ft. high, 2 ft. base
de. Pits impracticable.
which
pine 14 ins. dia. bears N. 71 3/4° W. 97
lks. dist. marked 1/4 S.B.T.

Subdivision of T. 29 S. R. 5 E.

Chains

A pine 5 ins. dia. bears S. 44½° W. 115 lks dist. marked ¼ S. B. T.

45.00 Ledge 15 ft. high, bears N. E. & S. W.

58.50 Wood road bears N. W. & S. E.

80.00 Set Trachyte stone 24 x 16 x 14 ins., 18 ins. in the ground for cor. to Secs 7. 8. 17 & 18 marked with 4 notches on S. and 5 on E. edges and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable. From which

A pine 9 ins. dia. bears N. 6° W. 26 lks. dist. marked T. 29 S. R. 5 E. S. 7 B. T.

A pine 8 ins. dia. bears S. 70° E. 52½ dist. marked T. 29 S. R. 5 E. S. 17 B. T.

A pine 12 ins. dia. bears N. 68° E. 74½ dist. marked T. 29 S. R. 5 E. S. 8 B. T.

No other tree in limit.

Land - mostly rocky ledges, some flat.

Soil 4th and 1st rate.

Timber scrub pine and cedar.

Mountainous land 63.55 chs.

Bast on a random line bet. Secs 5 & 17. Var. 15° 10' E.

40.00 Set temp. ¼ Sec. cor.

79.70 Intersect N. & S. line 35 lks. N. of cor. to Secs 8. 9. 16 & 17 from which I run N. 89° 45' W. on a true line bet. Secs 5 & 17 with same var.

Note 2, p. 1, Notes.

15.25 Rock gully, course S. E.

26.00 S. side of flat-topped ledge hill 2 ft. high.

39.88 Set a sandstone 42 x 10 x 6 ins. firm in stone mound on solid ledge for Sec. cor. marked ¼ on N. face and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits practi-

Subdivision of T. 29 S., R. 5 E.

Chains

cable.

79.76 The cor. to Secs. 7. 8. 17 & 18.

Land - broken sandstone hills.

Soil - 4th rate - rocky

Timber - scattering scrub-pine & ced.

Mountainous land 79.76 chs.

May 27th 1895.

S. 89°41' W. on random line bet. Secs. 7 & 18

Var. 15°10' E.

40.00 Set temp. 1/4 Sec. cor.

79.72 Intersect W. Boundary of T. 24 lks. S. cor. to Secs. 7 & 18 which is a stone truly set, marked and witnessed as ribed by the Surveyor General, from which I run

N. 89°51' E. on true line bet. Secs. 7 & 18 with same var.

See Note 2, p. 1, Corr. Notes.

23.7 N. end of lone cedar hill.

39.72 Set a sandstone 30 x 11 x 4 ins., 22 ins. the ground for 1/4 Sec. cor. marked 1/4 on N. face & raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.

42.50 Leave flat

Cedar hills.

58.75 Wood road bears N. W. & S. E.

79.72 The cor. to Secs. 7. 8. 17 & 18

Land - W. half flat; E. half, broken cedar hills.

Soil - 1st & 3rd rate

Timber - some scrub-pine & cedar on E. half.

Mountainous land 37.22 chs.

Subdivision of T. 29 S. R. 5 E.

Chains	
	North 0°30' W. bet. Secs. 7 & 8
	Var. 15°10' E.
	Over broken sandstone hills.
20.00	Foot of ridge, bears E. & W.
29.50	Top of same 75 ft. high, bears E. & W.
35.00	Descend
40.00	Set sandstone 28 x 7 x 5 ins., 20 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which a pine 5 ins. dia. bears N. 40° W. 6 lks. dist. marked 1/4 S. B. T.
	No other tree in limit.
41.00	Top of ledge 50 ft. high, bears E. & W.
66.50	Enter Flat
68.00	Enter cultivated land
75.00	Leave same.
	Descend
80.00	Set sandstone 36 x 12 x 4 ins., on solid rock firmly, in stone mound for cor. to Secs. 5. 6. 7 & 8 marked with 5 notch on S. & 5 on E. edges and raised a stone mound 5 ft. base 4 ft. high along side. Pits impracticable. From which a pine 6 ins. dia. bears N. 48° E. 16 lks. dist. marked T. 29 S. R. 5 E. S 5 B. T.
	No other trees in limit.
	Land - broken sandstone hills.
	Soil - 4th rate
	Timber, scattering scrub pine &
	Mountainous land 73.50 chs.

S. 89°45' E. on random line bet. Secs. 5 &
Var. 15°10' E.

40.00	Set temp. 1/4 Sec. cor.
79.84	Intersect N. & S. line 28 lks. S. of cor. to Secs. 4. 5. 8 & 9. From which Sru

Subdivision of T. 29 S. R. 5 E.

N. 89°57' W. on true line bet. Secs. 5 & 8
with same var.

See Note 2, 1, Corr.

3.20 A pine 4 ins. dia. on line, which I mark with 2 notches on E. & W.

0.50 Gulch 50 ft. deep, course N.

4.50 " 60 " " " N. E.

27.50 " 25 " " " "

39.92 Marked stationary sandstone ledg bears N. E. & S. W. with cross at cor rt and 1/4 W. of cross (1/4 +) for 1/4 c. cor. and raised a stone mound 5 ft. base, 4 ft. high alongside. Pits impracticable. From which pine 7 ins. dia. bears S. 40° W. 48 lks. dist. marked 1/4 S. B. T.
A pine 4 ins. dia. bears S. 75° E. 27 1/2 lks. dist. marked 1/4 S. B. T.

40.3 Gulch 30 ft. deep, course N. E.

52.50 Ledge 25 ft. high, bears N. E. & S.

79.84 The cor. to Secs. 5. 6. 7 & 8 and broken sandstone ledges oil - 4th rate - rocky. No Timber. Mountainous land 79.84 chs.

89°51' W. on a random line bet. Secs. 6 & 7
Var. 15°10' E.

0.00 Set temp. 1/4 Sec. cor.

79.32 Intersect W. Boundary of T. at cor. to Secs. 1, 6, 7 & 12, which is a stone firmly set, marked and witnessed as described by the Surveyor General which I run
N. 89°51' E. on a true line bet. S. 6 & 7 with same var.

See Note 2. 1. Corr notes.

escend.

3.00 Wash at foot of hill, course S. E. Enter flat.

Subdivision of T. 29 S. R. 5 E.

Chains	
39.32	Set a sandstone 26 x 10 x 5 ins., 18 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. This cor. is situated on a little flat S. of Sand Cr., covered with pieces of broken pottery, arrow-heads, and other remains of ancient Moquis civilization. These Moquis were a branch tribe of the Cliff Dwellers.
69.00	Enter Hills, leave flat.
79.32	The cor. to Secs. 5. 6. 7 & 8
13.32	Land mostly flat
66.00	Soil 1st rate
	No Timber
	Mountainous land 13.32 chs.
	N. 0°03' W. on a random line bet. Secs. 5 & 6
	Var. 15°10' E.
40.00	Set temp. 1/4 Sec. cor.
79.96	Intersect N. Boundary of T. at cor. to Secs. 5 & 6, 91 and 92, set during this survey from which I run
	S. 0°03' E. on true line bet. Secs. 5 & 6 with same var.
14.00	Leave lower flat
	Enter level bench
19.50	Road, bears E. & W.
29.50	County road to Junction, bears E. & W.
39.96	Set Trachyte stone 22 x 11 x 9 ins., 16 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
56.50	Descend into Sand Cr. hollow.

See note 2, p1 Corr. Notes

Subdivision of T. 29 S. R. 5 E.

64.00 Q bed of Sand Cr. in hollow 60 ft.
, course N. E.
73.00 Enter sandstone hill.
79.96 The cor. to Secs 5.6.7 & 8
and - mostly level flats.
9346 Soil - 2nd rate - sandy
57.50 No Timber.
Mountainous land 23.46 chs.
May 25th 1895.

From the cor. to Secs 35 & 36, on the
Boundary of this T. which is a
set, marked and witnessed
by the Surveyor General
I observe Polaris on its Eastern
longation May 28th 1895 at 14h. 56
nomical time and mark the
line driving a peg 5 chs. N. of cor.
29th at 7 o'clock A.M. 1895 I
off the azimuth 1°36' West x
the true meridian by o
a picket 5 chs. N. of cor.
/ meridian I find to have a
gnetic bearing of 14°32' W. which,
by table in manual gives
the mean var. 14° 29' E.

hence I run
0°01' W. bet. Secs 35 & 36.
Var. 14° 29' E.
21.00 Descend from high Bench
32.00 ilch 175 ft. deep, course N. E.
40.00 Set a sandstone 15 x 12 x 10 ins., 10
the ground for 1/4 Sec. cor.
1/4 on W. face and raised a
tone mound 1½ ft. h, 2 ft. base
alon de. Pits in actual

Subdivision of T. 29 S., R. 5 E.

Chain

57.00 Ascend North slope.
75.00 Gulch 2 ft. deep, course N. E.
Ascend.
80.00 On low saddle ridge bears N. E. & S.
set a sandstone 24 x 16 x 6 ins., 18 ins.
the ground for cor. to Secs. 25. 26. 35 &
36 marked with 1 notch on S. and 1
on E. edges and raised a stone mound
1½ ft. high, 2 ft. base alongside. P
impracticable.
(- high mountains.
Soil - 3rd rate - rocky
Timber - scattering pine & cedar
Mountainous land 80 chs.

East on random line bet. Secs. 25 & 30
Var. 14° 29' E.
9.16 Intersect W. Boundary of T. 29 S., R.
5 E. 17.78 chs. S. of the cor. to Secs. 25. 30. 31 & 36
set during this survey.
From which I run
S. 27° 15' W. on true line bet. Secs. 25
& 36. with same var.
20.00 The cor. to Secs. 25. 26. 35 & 36.
Land - high mountains.
Soil - 3rd rate - rocky
Timber - some scrub pine & aspen
Mountainous land 20 chs.

Note 2 p. 1, Corr. notes,

N. 0° 01' W. bet. Secs. 25 & 26
Var. 14° 29' E.
ascend on N. W. slope of lone
ute covered with Geodes.
41.00 Set a sandstone 18 x 6 x 5 ins., 12 ins.
in the ground for ¼ Sec. cor. marked
1 on W. ce & raised a stone

Subdivision of T. 29 S. R. 5 E.

rain

½ ft. high, 2 ft. base alongside. Pits impracticable.
and - high mountains
Soil - 3rd rate - rocky
Timber - some scrub pine & cedar
Mountainous land 40 chs.

set on random line bet. Secs. 26 & 35 -
Var. 14° 29' E.
0.00 Set temp. ¼ Sec. cor.
79.84 Intersect N. & S. line 32 lks. N. of cor. Secs. 26. 27. 34 & 35 from which I
N. 89° 57' E. on a true line bet. Secs. 26 & 35 -
with same var.
See Note 2, p. Corr. notes.
18.00 Enter North slope of Mountain
9.92 set a sandstone 16 x 7 x 5 ins., 11 ins. ground for ¼ Sec. cor. marked ¼ on face & raised a stone mound 1½ ft., 2 ft. base alongside. Pits impracticable
70.75 200 ft. deep, course N. W.
79.84 The cor. to Secs. 25. 26. 35 & 36.
Land - mostly high mountains
Soil - 3rd rate - rocky.
Timber - scattering scrub pine &
Mountainous land 61.84 chs.

61.84
18.00

N. 0° 01' W. bet. Secs. 26 & 27
Var. 14° 29' E.
5.00 Trail bears N. E. & S. W.
6.7 cross Creek 10 lks. wide, 6 ins. course N. E. in gully, 50 ft. deep. Ascend.
40.00 On S. E. slope of mountain set a quartzite stone 40 x 9 x 5 ins., 2½ ft. in for ¼ Sec. cor. marked ¼ on

Subdivision of T. 29 S. R. 5 E.

Chain)
W. face and raised a stone mound
1½ ft. high, 2 ft. base alongside.
Pits impracticable.
Land - high mountains
Soil - 4th rate - rocky
No Timber
Mountainous land 40 chs.

From the cor. to Sec. 27. 28. 33 & 3
which is a stone firmly set,
and witnessed as described by the
Surveyor General, I run
N. 5° 55' W. bet. Sec. 27 & 28
Var. 14° 29' E.
Over broken ledgy ground
-4.00.00 Set a quartzite stone 14 x 9 x 6 ins., 9
ins. in the ground for ¼ Sec. cor.
marked ¼ on W. face and raised a
stone mound 1½ ft. high, 2 ft. bc
alongside. Pits impracticable.
Land - broken ledges
Soil - 4th rate - rocky -
Timber - scattering Pine.
Mountainous land 40 chs.
May 29th 1895.

11 miles, 12.39 chs. of this line pass over mountainous land.

General Description.
he additional land surveyed in
T. embraces the E. portion of
Poverty Flat which can be irri-
ated from Fremont river and
anals have already been taken
out for that purpose.
J is a small cultivated field
sar in Sec. 7 and

Subdivision of T. 29 S. R. 5 E.

hair /

in Sec. 8. A portion of Sec. 17 has been fenced in, also a portion of Sec. 26 which can be irrigated m Cancus Creek, a part being under cultivation.

part remaining unsurveyed at the present time consists of broken rocky ridges and ledge breaks, and can never be ade available.

I made a close search for all the vailable lands, and have surveyed them, what is left is waste land.

Adolph Jessen
Augustus D. Turn
U. S. Dep. Surveyors.

See Notes 1 3, p. 1
Corr. Note

"Correction" Notes

Subdivisions Tp. 29 S., R. 5 E.

No. of A

1 Messrs Sam Allen and W. Clark, the pplicants for survey of this Tp. have moved into an adjoining Tp. —

2 In writing up my notes, I unfortunately hold of a manual of 1890 in which rase "with same va." was retained. Survey was made according to the corrected annual of 1890. It will be observed that where this survey, the variation changed on a return line, the change was noticed, and the variation return line was given in degrees and mi o that the phrase "with same va." can not mis lea the variation given at the beginning of a mile, good for both random and true courses.

3 The improvements in Secs 7 & 8 seemed to be abandoned. The improvements in Sec 26 consisting of a fence and some cultivated land were plotted by approximation, — as none of the lines touched them. The distance of the fence from the West Boundary of the Sec. was estimated. There was no resident in this section.

Adolphe Jeanew
Augustus D. Fenon
U. S. Dep. Surveyors

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PAGE

List of Names.

A list of the names of the individuals employed by .....
....., U. S. Deputy Surveyor, to assist in running, measuring, and
rking the lines and corners described in the foregoing field notes of the survey of the .....
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.....Meridian, in ...., showing
respective capacities in which they acted:
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Final Oath of Assistants:

We hereby certify that we assisted .....
....., U. S. Deputy Surveyor, in surveying all
the parts or portions of the .....
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.....Meridian, ..., as are represented in the
going field notes as having been surveyed by him and under his direction; and that said survey has been in all
ects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established,
rding to the instructions furnished by the U. S. Surveyor General for .....
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cribed and sworn to before me this .....
day of ....., 18 .

SEAL

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Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the ....., as are represented in the going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear th the corners of said survey have been established and perpetuated in strict accordance with the surveying m printed instructions, the special written instructions of the U. S. Surveyor General for..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such su and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Con approved August 8, 1846.

.....
U. S. Deputy Surve

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

SEAL

.....

.....

Approval.

Office of the U. S. Surveyor General,

Salt Lake City, Utah March 21 1896

The foregoing field notes of the survey of the subdivisions of T. 29 South Range 5 East of the Salt Lake B & Meridian, Utah

.....execut

Adolphe Jessen and Augustus D Ferron

under ~~his~~ their Contract No. 187, dated June 30, 1892 having been criti examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, hereby approved.

George W Snow
U. S. 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.

.....
U. S. Surveyor Genera

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BOOK A-237

FIELD NOTES

OF THE SURVEY OF

the

South and East Boundary

of

Township No. 26 South, Range No. 5 E.

Of the Salt Lake Meridian,

in the Territory of Utah

AS SURVEYED BY

Adolphe Jessen and Augustus F. Ferron, U. S. Deputy Surveyors

Under ~~his~~ their Contract No. 187, dated June 30th, 1892

Survey commenced June 3rd, 1895.

Survey completed " 7th, 1895.

H 6.43 7H

L 5.35 48

Closing 6.30

Names and Duties of Assistants.

Joseph A. Elliott	Chainman
Sidney A. Hanks	"
A. J. Allred Jr.	Flagman
Albert W. Shiner	Axeman

BOOK A-237

INDEX DIAGRAM.

S. & E. B.M.

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Meanders Page

Preliminary Oaths of Assistants.

WE, ...

....

....

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

....

....

....

...., *Chai*

...., *Cha*

...., *Cha*

...., *Ch*

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

....

....

WE, ...

....

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

....

....

....

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

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South Boundary of T. 26 S. R. 5 E.

Chains

Survey commenced June 3rd 1895.
From the cor. to Tps. 26 & 27 S., R. 4 & 5 E. on the 1st Guide Meridian East set by me in 1892 on this contract, I observe Polaris on its Eastern elongation June 2nd 1895 at 14 h. 36 m. astronomical time and mark the line by driving a peg 5 chs. N. of cor. At 7 o'clock A. M. June 3rd 1895 I lay off the azimuth 1° 36' to the West and find that the meridian thus obtained agrees with the meri established there by me in Noven 1892.
This meridian now has a magnetic bearing of N. 15° 26' W. which, reduced by table in manual, mal the mean declination 15° 23' E.

Thence I run
East on true line bet. Secs 6 & 31
Var. 15° 23' E.
Descend over broken Trachyte hills.
37.71 Allowing for convergency of meridian according to instructions, set a Trachyte stone 18 x 13 x 6 ins., 12 ins. in the ground for 1/4 Sec. cor. marked 1/4 N. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable. from which a Trachyte boulder 6 ft. dia. bear S. 80° W. 19½ lks. dist. marked with a cross (+) & B. C.
39.50 Gulch 50 ft. deep, course N. E.
58.50 " 30 " " " "
67.00 " " " " " "
77.71 Set a Trachyte stone 18 x 10 x 8 ins., 12 ins in the nd- cor. to Secs 5. 6. 31 & 32

South Boundary of T. 26 S. R. 5 E.

Cha

arked with 1 notch on W. & 5 on E.
edges and raised a stone mound 1½
ft. high, 2 ft. base alongside. Pits
practicable. From which
pine 15 ins. dia. bears N. 89° W. 16
dist. marked T. 26 S. R. 5 E. S. 31 .1.
No other trees in limit.
– broken steep E. slope.
Soil – 4th rate – rocky
Timber – scattering scrub pine &
Mountainous land 77.71 che.

East on a true line bet. Secs. 5 & 32
Var. 15° 23' E.
3.50 Gulch 100 ft. deep, course N. E.
0.50 Road bears N. E. & S. W.
3.50 Gulch 25 ft. deep, course N. E.
6.00 Ridge 50 ft. high, bears N. E. & S. W.
40.00 – at a Trachyte stone 16 x 6 x 6 ins. 10
in the ground for ¼ Sec. cor. marked
¼ on N. face and raised a stone moun
1½ ft. high, 2 ft. base alongside. Pi
practicable. From which
cedar 6 ins. dia. bears S. 78° W. 4
lks. dist., marked ¼ S. B. T.
No other trees in limit.
42.25 Road bears N. W. & S. E.
48.00 Enter road bears N. E. & S. W.
Thence in road
49.00 Leave same bears N. E.
63.50 Gulch 50 ft. deep, course S. E.
Thence along S. slope of Plateau
– 80.00 Marked a stationary Trachyte
stone 2 x 2 x 2 ft. above ground with
cross (+) at cor. point
¼ cor. to Secs. 4, 5, 32 & 33 marked
with 4 notches on E. & 2 on W. edges
and raised a stone mound 1½ ft. h.

South Boundary of T. 26 S. R. 5 E.

Chains

2 ft. base alongside. Pits impracticable.
Land - broken & slope.
Soil - 4th rate - rocky.
Timber - scattering scrub pine & cedar.
Mountainous land 80 chs.

East on a true line bet. Secs. 4 & 33.
Var. 15° 23' E.
Along S. slope of broken plateau
44.00 Set a Trachyte stone 16 x 14 x 6 ins., 10 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
79.40 Wagon road bears N. W. & S. E.
80.00 Set a Trachyte stone 17 x 10 x 6 ins., 11 ins. in the ground for cor. to Secs. 3. 4. 33 & 34 marked with 3 notches on E. & W. edges and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable.
Land - very broken S. slope.
Soil - 4th rate - rocky.
No Timber
Mountainous land 80 chs.

East on a true line bet. Secs. 3 & 34.
Var. 15° 23' E.
Descend
28.00 Ascend lone hill
40.00 On top of same set a Trachyte stone 18 x 8 x 6 ins. 12 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable

South Boundary of T. 26 S. R. 5 E.

44.75 spring Creek 4 lks. wide 4 ins. deep, course N. E. in gully, 10 ft. deep
60.00 Perpendicular bluffs, 50 ft. high
— 0.00 In chasm 150 ft. deep, course N. W.,
sandstone 14 x 10 x 4 ins. 9 ins.
the for cor. to sec.s 2, 3, 34 & 3.
with 2 notches on E. & 4 on
dges and raised a stone mound 1½
high, 2 ft. base alongside. Pits
practicable.
and - mountains
oil - 3rd rate - sandy
No Timber
Mountainous land 80 chs.

East on true line bet. sec.s 2 & 35
Var. 15° 23' E.
On account of rocky bluff, it is
impossible to run the line in
rerefore from a point 21 chs. W.
cor. to sec.s 2, 3, 34 & 35 I run
18 chs. then E. 100 chs. then S. 18 ch
to
80.00 In place, set a sandstone 18 x 14 x 6
ins. firmly in stone mound for cor.
sec.s 1, 2, 35 & 36 marked with notch
E. and 5 on W. edges and raised a
1½ ft. high, 2 ft. base
Pits impracticable.
On account of inaccessibility of
4 Sec. cor. point, said cor. is not set
and - rock ledge entirely.
No soil.
0 Timber
Mountainous land 80 chs.

South Boundary of T. 26 S. R. 5 E.

Chains	
	East on true line bet. Secs 1 & 36. Var. 15° 23' E.
	On account of rocky bluff it is impossible to run the line in place, I therefore offset N. 10 chs., E. 55 chs., S. 10 chs. to
55.00	On line in place, set a sandstone 10 x 9 x 6 ins. 18 ins. in the ground for Witness 1/4 Sec. cor. marked 1/4 N. E. on N. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. Thence on sand flat.
80.00	Set a sandstone 29 x 10 x 8 ins. 20 ins. in the ground for cor. to Tps. 26 & 27 S. R. 5 & 6 E. marked with 6 notches on 4 edges and raised a stone mound 5 ft. base 5 ft. high alongside. Pits impracticable. Land—mostly solid ledge. Soil—3rd rate—sandy. E. 20 chs. No Timber. Mountainous land 55 chs. June 3rd 1895.

East Boundary of T. 26 S., R. 5 E.

rom the cor. to Tps. 26 & 27 S. Rs. 5 & 6 E.
take an observation of Polaris on its
Eastern elongation on June 3rd 1895, at
4 h. 32 m. astronomical time, and
mark the line by driving a peg 5
of cor.
7 o'clock A. M. June 4th 1895, I lay
off the azimuth 1° 36' to the West and
mark the true meridian by driving
a 5 chs. N. of cor.
l is meridian has a magnetic
N. 16° 13' W. which, reduced by table in
mal gives the mean declination
16° 10' E.
measure the angle made by this
meridian with the line on S. B'y
Sec. 36 established by me yesterday &
the mean of 5 measurements gives
angle 89° 59'.

Thence I run
North bet. Secs 31 & 36
Var. 16° 10' E.

28.60 - pring Creek 5 lks. wide, 4 ins. deep,
course E. in gully 15 ft. deep.
0.00 - a Trachyte stone 20 x 10 x 8 ins., 15
in the ground for ¼ Sec. cor. marked ¼
on W. face and raised a stone mound
1½ ft. high, 2 ft. base alongside.
its impracticable.
47.00 - oot of bluff 150 ft. high, perpendicular
53.00 ge bears N. W. & E. 100 ft. high
escend gently
80.00 - st sandstone 26 x 12 x 8 ins. 18 ins. in the
d for cor. to Secs 25. 30. 31. & 36 marked
1 notch on S. and 5 on N. edges and
aised a stone mound 1½ ft. high, 2
base al de. Pits racticable.

East Boundary of T. 26 S. R. 5 E.

Chains	
	Land - bottom & bench Soil - 2nd & 3rd rate - sandy No timber
	North bet. Secs. 29 & 30 Var. 16° 10' E.
40.00	Set a Trachyte stone 13 X 10 X 4 ins., 8 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
61.33	Wash, course E.
63.00	A vein of Cryolite 2 ft. thick, bears N. W. & S. E.
80.00	Set a Trachyte stone 16 X 5 X 5 ins., 10 ins. in the ground for cor. to Secs. 19. 20. 29 & 30. marked with 2 notches on S. & 4 on N. edges and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable. Land - level Bench Soil - 2nd rate - sandy. No Timber.
	North bet. Secs. 19 & 24 Var. 16° 10' E.
8.50	Wash 20 lks. wide, 2 ft. deep, course N. E.
18.215	" 30 " " " " " " S. E.
40.00	Set a Trachyte stone 13 X 11 X 4 ins., 8 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
80.00	Set a Trachyte stone 17 X 12 X 9 ins., 11 ins. in the ground for cor. to Secs. 13. 18. 19 & 24. marked with three notches on S. &

East Boundary of T. 26 S. R. 5 E.

3 on N. edges and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
and – sandy flat
Soil – 2nd rate – sandy
0 Timber.

orth bet. Secs 13 & 18.
Var. 16° 10' E.
4.00 Enter Breaks bear S. E. & N. W.
5.00 Head of hollow, course E.
17.50 East point of ridge from bench
30.50 Ridge spur 50 ft. high bears E. & W.
35.00 Enter Bench
40.00 et a Trachyte stone 17 X 10 X 7 ins. 10 ins.
the ground for ¼ Sec. cor. marked
'4 on W. face and raised a stone
mound 1½ ft. high 2 ft. base
ongside. Pits impracticable.
42.00 Head of gulch, course E.
8.00 " " " "
55.00 Descend into broad hollow, course E.
62.00 Bottom of same.
68.50 Ridge descend 300 ft.
75.00 Enter flat.
80.00 Set a Trachyte stone 23 X 12 X 4 ins., 17
the ground for cor. to Secs 7. 12. 13 & 18
ked with 2 notches on N. and 4 on
S. edges and raised a stone mound 1½
ft. high, 2 ft. base alongside. Pits
impracticable.
and – very broken E. edge of Bench
Soil – 3rd rate
0 Timber
Mountainous land 71 chs.

East Boundary of T. 26 S., R. 5 E.

Chains	
	North bet. Secs. 7 & 12.
	Var. 16° 10' E.
	Over broken sand hills and wastes
40.00	Set Trachyte stone 16 x 12 x 4 ins., 11 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
80.00	Set Trachyte stone 17 x 8 x 7 ins., 11 ins. the ground for cor. to Secs. 1. 6. 7 & 12 marked with 1 notch on N. & S. on S. edges & raised a stone mound 1 1/2 ft. 2 ft. base alongside. Pits impractic
	Land - broken sandhills & flats.
	Soil - 3rd rate
	No Timber
	North bet. Secs. 1 & 6
	Var. 16° 10' E.
110.00	Set a cedar post 3 ft. long, 3 ins. square with marked stone 12 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face and dug pits 18 x 18 x 12 ins. N. & S. of post 3 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base arou post.
70.00	Ascend Bench slope
77.75	Top of same bears N.W. & S.E.
81.18	Intersect 5th Standard Parallel S. 6.30 chs. E. of the Standard cor. to Tps. 25 & 26 S. Rs. 5 & 6 E. which is a stone firmly set, marked and witnessed as described by the Surveyor General, where I set a Trachyte stone 20 x 12 x 8 ins. 15 ins. in the ground for closing cor. to Tps. 26 S. Rs. 5 & 6 E. marked C. C. with 6 notches on S. E. & W. edges and raised a stone

See Note 1, p. 1 Corr. Notes.

East Boundary of T. 26 S. R. 5 E.

Ch

mound 5 ft. base, 4 ft. high
Pits impracticable.
and - broken flat
oil - 2nd x 3rd rate
No Timber.
June 4th 1895.

6 miles, 43.71 chs., thus line runs over mountainous land.

Note.- The East Boundary of T. 26 S. R. 5 should have intersected the 5th Standard Parallel S., West of the Standard cor. instead of which it falls over 6 chs East. To find out where the fault lies, I my instrument is all its
a small error in one of the level
bles but find the collimation perfect.
from the closing cor. to Tps. 26 S. R. 5 & 6 E., serve Polaris on its Eastern elongation 4th 1895, 14 h. 28 m. astronomical time, mark the line by driving a peg 4 chs. N. cor. and the morning of June 5th at 7 o'clock, I lay off the azimuth 1°36' to the West and mark the true meridian by driving
4 chs. N. of cor.
with this meridian, I compare the line bet. Secs. 1 & 6 run yesterday and find it to agree within 1/2 minute. I then flag this line with double fore and back sights to the cor. to Tps. 6 & 27 S., R. 5 & 6 E. and find the alignment correct.
then rechain the South Boundary of T. 26 R. 5 E. and make the line 5 miles 7 chs. & 92 lks. long, which I consider sufficiently
the West Boundary checks with 3 observations on Polaris, and three Parallel Sec. tier lines,
I conclude that the Fifth Standard P
short.
this line falls in very difficult ground,
a parallel line, one mile South of it

East Boundary of T. 26 S. R. 5 E.

Chains

by running East from the cor. to Secs. 1.6.7 12 on the W. B'y of T. 26 S. R. 5 E. to the corresponding cor. on the East B'y. I make this line 5 miles 77 chs & 90 lks. long and falling 1.90 chs. N. of the cor. to Secs. 1.6 7 & 12 on the East B'y as established by me. The Tabulation of these lines run by me is given below, and shows the errors to be within limit.— June 5th, 6th & 7th 189.

Line [illegible]		Bearing	Distance	Latitudes N.	Latitudes S.	Departures E.	Departures W.
[illegible]	B'y	East	477.71			477.71	
East	B'y	North	400.00	400.00			
Parallel line M. South [illegible]		N. 89° 46' W.	477.90	1.90			477.90
[illegible] Guide [illegible]		South	400.00		400.00		
Convergency							0.78
				401.90	400.00	477.71	478.48
				[illegible]			477.71
		Error in Latitude		1.90		Error in departure	0.77

General Description.

This township embraces a part of Spring Creek Valley, locally called "Middle Desert," and Rock Spring Valley or Desert, and adjacent Benches which should be subdivided.

Adolphe Jessen
Augustus [illegible]
U. S. Dep. Surveyors.

East Boundary Tp. 26 S., R. 5

No. of Notes.

1 The phrase "6 Notches on S.E. & W. edges, is a error, and should be "gevores" on faces.

Adolphe Jessen
Augustus D. Ferron
U. S. dep. Surveyor.

Volume
#
R0237

List of Names.

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

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

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.....Meridian, in ...., showing ...espective capacities in which they acted:

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Final Oath of Assistants:

We hereby certify that we assisted .....

....., U. S. Deputy Surveyor, in surveying all ...le parts or portions of the .....

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.....Meridian, ..., as are represented in the ...oing field notes as having been surveyed by him and under his direction; and that said survey has been in all ...ts, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, ...ing to the instructions furnished by the U. S. Surveyor General for .....

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

SEAL

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6—151

Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the ....., as are represented i
going field notes as having been surveyed by me, and under my directions; and I do further solemnly sw
the corners of said survey have been established and perpetuated in strict accordance with the surveyin
printed instructions, the special written instructions of the U. S. Surveyor General for .....
and in the specific manner described in the field notes, and that the foregoing are the true field notes of su
and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act o
approved August 8, 1846.

.....
U. S. Deputy

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

SEAL

.....

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City, Utah March 21, 1

The foregoing field notes of the survey of the South and East Boundar
of Township 26 South Range 5 East of the S
Lake Base & Meridian Utah

.....e
Adolphe Jessen and Augustus D Ferron
under ~~his~~ their Contract No. 187, dated June 30th, 1892, having been
examined, the necessary corrections and explanations made, the said field notes, and the surveys they de
hereby approved.

.....
U. S. 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 office.

.....
U. S. Surveyor

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PAGE

(4—679.)

1835 Co.
483

BOOK A-237

K.J.B.

FIELD NOTES

OF THE SURVEY OF

the

Subdivision

of

Township No. 26 S. Range No 5 E.

Of the Salt Lake Meridian,

in the Territory of Utah.

AS SURVEYED BY

Adolphe Jessen and Augustus D. Ferron, U. S. Deputy Surveyors

Under ~~his~~ their Contract No. 187, dated June 30th, 1892

Survey commenced June 8th, 1895.

Survey completed " 13th, 1895.

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4 6. 02 - 834

BOOK

Names and Duties o Assistants.

Joseph H. Ellett	Chainman
Jerry A. Hanks	"
A. J. Allred Jr.	Flagman
Albert W. Shiner	Axeman

BOOK A-237

INDEX DIAGRAM.

Township No 26 S., *Range* No 5 E.

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Meanders Page

Preliminary Oaths of Assistants.

WE, ...

.....

.....

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

.....

.....

.....

.....

....., *Chain*

....., *Chain*

....., *Chain*

....., *Chain*

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

.....

.....

WE, ...

.....

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

.....

.....

.....

.....

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

....., *Ax*

....., *Ax*

.....

.....

Subdivision of T. 26 S. R. 5 E.

Chains	
	Survey commenced June 8th 1895. From the cor. to Secs. 1. 2. 35 & 36 on the South Boundary of the T. I observe Polaris on its Eastern elongation June 7th at 14 h. 17 m. astronomical time and mark the line by driving a peg 5 chs. N. of cor. June 8th at 7 o'clock A. M. I lay off the azimuth 1°36' to the West and mark the meridian thus found by driving a picket 5 chs. N. of cor. This meridian has a magnetic bearing of N. 15°26' W. which reduced by table in manual, gives the mean declination 15°23' E.
	Thence I run N. 0°01' W. bet. Secs. 35 & 36 Var. 15°23' E.
10.00	Foot of Bluffs. Enter Spring Creek Valley.
35.80	Spring Creek 4 lks. wide, in gully 15 ft. deep, course E.
40.00	Set a Trachyte stone 17 x 6 x 5 ins., 11 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
59.25	Road, bears N. E. & S. W.
80.00	Set a sandstone 24 x 16 x 5 ins., 18 ins. in the ground for cor. to Secs. 25. 26. 35 & 36. marked with 1 notch on S. & E. edges and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable. Land - mostly level valley Soil - 2nd rate - sandy. 0 Timber Mountainous land 10 chs.

Subdivision of T. 26 S., R. 5 E.

Chains

East on a random line bet. Secs. 25 & 3
Var. 15° 23' E.

0.00 Set temp. 1/4 Sec. cor.
80.20 Intersect East Boundary of T. at cor.
to Secs. 25. 30. 31 & 36 from which I
West on a true line bet. Secs. 25 & 36
ch the var. to 16° 10' E. caused
action.
38.75 rhyolite vein bears N. W. & S. E.
0.10 Set a sandstone 23 X 12 X 6 ins., 17 ins.
ground for 1/4 Sec. cor. marked 1/4 on
ace and raised a stone mound 1 1/2
high, 2 ft. base alongside. Pits
cable.
9.00 ge 100 ft. high, bears N. W. x S. E.
63.40 Road bears N. & S.
72.00 Enter valley
80.20 The cor. to Secs. 25. 26. 35 & 36
Land - mostly level Bench & valley
Soil - 2nd rate - sandy
No Timber
ntainous land 23 chs.

0° 01' W. bet. Secs. 25 & 26
Var. 15° 23' E.

5.50 Foot of Bluff 100 ft. high
12.00 Top of same.
the descent North.
32.00 Foot of Bluff, 75 ft. high
36.00 Top of same
Enter high Bench
40.00 et a sandstone 13 X 12 X 9 ins., 8 ins.
the ground for 1/4 Sec. cor. marked 1/4 on
face and raised a stone mound 1 1/
ft. high, 2 ft. base alongside. Pits
impracticable.
80.00 et a sandstone 17 X 13 X 10 ins., 11 ins. in
the ind for cor. to Secs. 23. 24. 25 & 26.

Subdivision of T. 26 S. R. 5 E.

Chains	
	marked with 2 notches on S. & 1 on E. edges and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable. Land - upper & lower Bench and Bottom Soil - 4th & 2nd rate - rocky No Timber.
	East on a random line bet. Secs. 24 & 25 Var. 16°10' E. (change caused by local attraction)
40.00	Set temp. ¼ Sec. cor.
80.16	Intersect East B'y of T. 23 lks. N. of cor. to Secs. 19. 24. 25 & 30 from which I run N. 89°50' W. on true line bet. Secs. 24 & with same var.
6.00	Road bears N. & S.
6.50	Wash, course N. E.
9.00	Ascend
13.00	Enter rocky Bench
40.08	Set a sandstone 15 x 12 x 7 ins. 10 ins. in the ground for ¼ Sec. cor. marked ¼ on 1. face, and raised a stone mound 1½ ft high, 2 ft. base alongside. Pits impracticable.
46.30	Wash, course S. E.
67.10	" " "
80.16	The cor. to Secs. 23. 24. 25 & 26. Land - mostly high Bench Soil - 3rd rate - rocky No Timber
	N. 0°01' W. bet. Secs. 23 & 24 Var. 16°10' E.
32.15	Descend high bench
[illegible]	Enter rocky S[illegible] V[illegible] or Bench.

a note 4, p. 1, notes

Subdivision of T. 26 S. R. 5 E.

40.00 set a sandstone 20 x 12 x 4 ins. 15 ins. in ground for 1/4 Sec. cor. marked 1/4 on ace and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracti

43.50 Wash, course S. E.

68.50 bears N. W. & S. E.

75.50 Wash, course S. E.

80.00 set a Trachyte stone 20 x 12 x 7 ins., 15 ins the ground for cor. to Secs. 13. 14. 23 & 2 with 3 notches on S. & 1 on E. raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable.

and - high Bench & valley

oil - 2nd & 3rd rate

No Timber.

89° 50' E. on a random line bet. S 3 & 24

Var. 16° 10' E.

40.00 Set temp. 1/4 Sec. cor.

80.10 Intersect East B'y of T. 26 lks. S. of Secs. 13. 18. 19 & 24 from which I 89° 59' W. on a true line bet. Secs. 13 & 2 — same var.

See Note 4, for Corr. Notes

40.00 set a Trachyte stone 16 x 12 x 10 ins., 10 the ground for 1/4 Sec. cor. marked 1/4 N. face and raised a stone mound 1/2 ft. high, 2 ft. base alongside. Pits impracticable.

80.10 The cor. to Secs. 13. 14. 23 & 24 - level flat

oil 2nd rate - sandy.

o Timber.

Subdivision of T. 26 S. R. 5 E.

Chains		
	N. 0°01' W. bet. Secs. 13 & 14.	
	Var. 16°10' E.	
40.00	Set a sandstone 23 x 8 x 5 ins., 17 ins. in the ground for ¼ Sec. cor. marked ¼ on W. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.	
64.00	Small Bench 35 ft. high bears E. & W.	
80.00	Set a Trachyte stone 18 x 10 x 6 ins. 12 ins. in the ground for cor. to Secs. 11. 12. 13 & 14 marked with 4 notches on S. & 1 on E. edges and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.	
	Land - level flat.	
	Soil - 2nd rate	
	No Timber	
	N. 89°59' E. on a random line bet. Secs. 12 & 13.	
	Var. 16°10' E.	
40.00	Set temp. ¼ Sec. cor.	
80.26	Intersect East B'y. of T. 49 lbs. N. of cor. to Secs. 7. 12. 13 & 18 from which I run N. 89°40' W. on true line bet. Secs. 12 & 13 with same var.	See Note 4 p. 1, Corr. notes.
40.13	Set a sandstone 15 x 7 x 7 ins. 10 ins. in the ground for ¼ Sec. cor. marked ¼ on N. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.	
59.50	Ascend N. E. slope of Bench	
73.75	Enter Bench 150 ft. high.	See Note 1, p. 1 Corr. notes
80.26.	The cor. to Secs. 11. 12. 13 & 14.	
	Land - Upper & Lower Bench	
	Soil - 2nd rate - sandy	
	No Timber	
	June 8th, 1895.	

Subdivision of T. 26 S. R. 5 E.

From a point 20 chs. W. of cor. to S
2. 3. 34 & 35 on the S. B'y of the T., I
erve Polaris on its eastern elong a-
June 9th 1895, 14 h. 9 m.
nomical time and mark the
by driving a peg 5 chs. N. of point of
observation.
the morning of June 10th at 7
o'clock I lay off the azimuth 1°36' to
West and mark the true merid-
ian by driving a picket 5 chs. N. of
of observation.
✓ meridian has a magnetic
aring of N. 16°13' W. which, reduced by
in manual gives the mean
16°10' E.
From said point I measure on
N. 0°01' W. 18 chs., thence N. 89°59' E.
20 chs. to 18.00 chs. on line, in place bet. S
3 & 35 at foot of high Bluff. Thence I
N. 0°01' W. (turning an angle of 90° at each
setting) bet. Secs. 34 & 35.
Var. 15°23' E.

20.70 From cor.) Spring Creek 4 lks. wide, 2
, in gully, 15 ft. deep, course N. 80° E.
1.00 oad, bears N. E. & S. W.
0.00 Set a sandstone 27 x 15 x 10 ins., 20 ins.
ground for 1/4 Sec. cor. marked 1/4
W. face and raised a stone mound 1½
hi , 2 ft. base alongside. Pits
cable. from which
lone cedar 12 ins. dia. bears S. 52° W.
16 2 lks. dist. marked 1/4 S. B. T.
0 other trees in limit.
65.75 Wash 20 lks. wide, 3 ft. deep, course N. E.
78.2 " " " " " " "
80.00 At foot of bluff 100 ft. high bears N. W. &
E. set a sandstone 28 x 12 x 6 ins., 20 ins.
the for cor. to Secs. 26. 27. 34 & 35
with 1 notch on S. & 2 on E.

18.00
62.00

Subdivision of T. 26 S. R. 5 E.

Chains		
	edges and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.	
	Land - mostly level Bench	
	Soil - 2nd rate - sandy.	
	No Timber.	
	Mountainous land 18 chs.	
	East - on a random line bet. Secs 26 & 35.	
	Var. 15°23' E.	
40.00	Set temp. ¼ Sec. cor.	
80.12	Intersect N. & S. line at cor. to Secs 25. 26. 35 & 36 from which I run	
	West on a true line bet. Secs 26 & 35. with same var.	
7.50	Enter Bench slope bears N. E. & S. W.	Sec. Note 4/5/1. corr. Notes.
32.50	Enter Valley bears N. W. & S. E.	
40.06	Set a Trachyte stone 20 x 11 x 5 ins., 15 ins. in the ground for ¼ Sec. cor. marked ¼ on N. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.	
43.25	Wash, course S. E.	
50.25	Same wash, course N. E.	
60.75	" " " S. E.	
78.35	" " " N. E.	
80.12	The cor. to Secs 26. 27. 34 & 35.	
	Land - mostly level valley	
	Soil - 2nd rate - sandy	
	No Timber	
	N. 0°01' W. bet. Secs 26 & 27.	
	Var. 15°23' E.	
	Ascend	
14.00	Top of Bluff 100 ft. high	
	Enter Bench	

Subdivision of T. 26 S., R. 5 E.

Cl

36.00 Foot of slope.
39.80 Enter higher Bench
40.00 et a sandstone 18 x 10 x 7 ins., 12 ins. in th
ground for 1/4 Sec. cor. marked 1/4 on W.
face, & raised a stone mound 1 1/2 ft.
2 ft. base, alongside. Pits impractic
62.50 Wash, course N. E.
80.00 Set a sandstone 15 x 10 x 7 ins., 10 ins. in
ground for cor. to Secs. 22. 23. 26 & 27
d with 2 notches on S. & E. edges
raised a stone mound 1 1/2 ft.
2 ft. base alongside. Pits impracti
d - Benches
oil - 3rd rate rocky.
o Timber.

East on a random line bet. Secs. 23 & 26
Var. 16°10' E. (change caused by
al attraction)
40.00 et temp. 1/4 Sec. cor.
79.96 ntersect N. & S. line at cor. to Secs. 23. 24.
5 & 26 from which I run
West on a true line bet. Secs. 23 & 26
with same var.
see note 4, p. 1 corr. later
26.30 Wash, course S.
39.98 et a sandstone 17 x 15 x 9 ins., 11 ins. in
ground for 1/4 Sec. cor. marked 1/4 on
ace and raised a stone mound 1 1/2 ft.
, 2 ft. base alongside. Pits
acticable.
62.10 Wash, course N.
79.96 " cor. to Secs. 22. 23. 26 & 27.
and - high Bench
oil - 3rd rate - rocky
No Timber.

Subdivision of T. 26 S. R. 5 E.

Chains	
	N. 0°01' W. bet. Secs. 22 & 23.
	Var. 16°10' E.
25.75	Descend
29.80	Enter lower Bench
40.00	On West edge of lone hill set sandstone 20 x 12 x 5 ins., 15 ins. in ground for 1/4 Sec. cor. marked 1/4 on face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
57.50	Wash 20 ft. deep, course E.
60.00	Set a cedar post 4 ft. long, 4 ins. square with marked stone 12 ins. the ground for cor. to Secs. 14, 15, 22 & 23 marked T. 26 S. R. 5 E. S. 15 on N. W., S. 14 on N. E., S. 23 on S. E., and S. 22 on S. W. faces with 3 notches on S. and 2 E. edges, dug pits 18 x 18 x 12 ins. in Sec. 5 1/2 ft. dist. & raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.
	Road - Benches
	Soil - 2nd rate - sandy
	No Timber
	East on a random line bet. Secs. 14 & 2.
	Var. 16°10' E.
40.00	Set temp. 1/4 Sec. cor.
80.22	Intersect N. & S. line at cor. to Secs. 13, 14, 23 & 24 from which I run
	On true line bet. Secs. 14 & 23.
	with same var.
1.50	Wash, course S. E.
11.00	Road bears N. W. & S. E.
40.11	Set Trachyte stone 16 x 16 x 5 ins., 11 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N. face and raised a stone mound 1 1/- ft. hi , 2 ft. base alo side. Pits

see note 4 p. 1, Corr. Notes.

Subdivision of T. 26 S. R. 5 E.

impracticable.
67.20 East fence of Johnson's pasture
bears N. 26° W.
80.22 The cor. to Secs. 14. 15. 22 & 23
- mostly level
oil 2nd rate - sandy.
No Timber
June 10th 1895.

N. 0° 01' W. bet. Secs. 14 & 15.
Var. 16° 10' E.
25.00 Fence bears N. W. & S. E.
0.00 at Trachyte stone 16 x 12 x 5 ins., 11 ins
the ground for 1/4 Sec. cor.
1/4 on W. face & raised a stone
1/2 ft. high, 2 ft. base alongside. Pits
practicable. from which
Johnson's log house at Rock S
N. 57° 30' W. 23.18 chs. dist.
6.80 Road, bears N. W. & S. E.
61.40 Wash, course S. E.
62.75 Fence, bears N. E. & S. W.
63.70 Wash, course S. E.
79.25 Birch Spring, hollow very small
ans in Bottom, course E.
80.00 at a sandstone 16 x 11 x 4 ins. 11 ins. in
for cor. to Secs. 10. 11. 14 & 15
with 4 notches on S. and 2 on
E. edges & raised a stone mound 1 1/2 ft. h
ft. base alongside. Pits impracti-
cable.
Land - sandy flat
oil - 2nd rate - sandy
No Timber.

Subdivision of T. 26 S. R. 5 E.

Chains	
	East on random line bet. Secs 11 & 14 Var. 16°10' E.
40.00	Set temp. 1/4 Sec. cor.
80.18	Intersect N. & S. line 18 lks. N. of cor. to Secs 11.12.13 & 14. from which I N. 89°52' W. on true line bet. Secs 11 & 14 with same var.
3.50	Descend into Birch Cañon
14.00	Enter Bottom
29.50	Cañon wash, course N. E.
31.00	Same " " S. E.
38.50	" " " N. E.
40.09	Set a Trachyte stone 22 x 11 x 9 ins., 16 in the ground for 1/4 Sec. cor. marked 1/4 on N. face and raised a stone 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
45.00	Foot of South Breaks of high
80.18	The cor. to Secs 10.11.14 & 15
	Land - mostly Bench breaks
[illegible]	Soil - 3rd rate - rocky
	No Timber
	Mountainous land 43.68 chs.

N. 0°01' W. bet. Secs 10 & 11
Var. 16°10' E.

	Ascend
18.00	Enter high Bench
26.00	Gulch 25 ft. deep, course E.
40.00	Set a Trachyte stone 22 x 17 x 6 ins., 16 in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone 1 1/2 ft. high, 2 ft. base alongside. P impracticable.
	Land - mountainous
	Soil - 4th rate - rocky
	No Timber
	Mountainous land 40 chs.

see Note 4, p. 1, Corr. notes,

see Note 1, p. 1, Corr. notes.

Subdivision of T. 26 S. R. 5 E.

Chains

As the S. W. portion of this T. falls
rocky Bluffs unavailable for any
purpose whatever, therefore
rom the cor. to Secs. 14. 15. 22 & 23 I
West on a random line according
of instructions setting
temps. cor. every half mile.
3 miles 77 chs. and 58 lks. I in
W. B'y of this T. which is the 1st
Guide Meridian E. established by
me during this contract 28 lks. S.
the cor. to Secs. 13. 18. 19 & 24
The correction for the true line
therefore be 7 lks. N. per mile and
course will be S. 89° 57' E.
From the cor. to Secs. 13. 18. 19 & 24 on
the W. B'y of T. 26 S. R. 5 E. I run
S. 89° 57' E. on true line bet. Secs. 18 & 19.
Var. 16° E.

36.2 Ridge 250 ft. high, bears N. E. & S. W.
37.5 Set a sandstone 15 x 9 x 4 ins., 10 ins. in
d for 1/4 Sec. cor. marked 1/4 on N.
raised a stone mound 1 1/2 ft. high, 2 ft.
ase alongside. Pits impracticable.
49.40 Descend ledge break
56.25 75 ft. deep, course N. E.
61.50 Road bears N. E. & S. W.
Enter broken timber flat
76.70 ully, course N. E.
77.58 Set a Trachyte stone 22 x 14 x 8 ins., 16 ins. i
the ground for cor. to Secs. 17. 18. 19 & 20
arked with 3 notches on S. & 5 on E.
edges & raised a stone mound 1 1/2 ft.
ft. base alongside. Pits impracti
From which
cedar 12 ins. dia. bears S. 68° W. 33
marked T. 26 S. R. 5 E. S. 19 B. T.
N, other trees in limit
and E. break of Mountains
oil - 4th rate - rocky

Subdivision of T. 36 S. R. 5 E.

Chains	
	Timber - some pine & cedar Mountainous land 77.58 chs.
	S. 89° 57' E. on a true line bet. Secs. 17 & 20 Var. 16° 10' E.
4.75	Wash 10 ft. deep, course N. E.
40.00	Set a Trachyte stone 16 x 15 x 9 ins., 10 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which A pine 5 ins. dia., bears S. 18° E. 68 lks. dist. marked 1/4 S. B. T. No other tree in limit.
56.00	Scaps Spring Creek 2 lks. wide, 2 ins. deep, course N. E. Ascend
76.00	Top of Bluff; bears N. & S.
80.00	Set a Trachyte stone 16 x 10 x 7 ins., 10 ins. in the ground for cor. to Secs. 16. 17. 20 & 21. marked with 3 notches on S. & 4 on E. edges and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. Land - mostly broken flat Soil - 3rd rate - rocky Timber - a few scattering pine & cedar. Mountainous land 20 chs.
	S. 89° 57' E. on true line bet. Secs. 16 & 21 Var. 16° 10' E.
110.00	Set a sandstone 14 x 11 x 7 ins., 9 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N. face & raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
83.20	Descend.

Subdivision of T. 21 S. R. 5 E.

63.25 Bottom of slope.
Enter flat.
80.00 Set sandstone 19 x 15 x 14 ins., 12 ins. in th
o for cor. to sec. 15. 16. 21 & 22
arked with 3 notches on S. & E. edge
nd raised a stone mound 1½ ft. high,
2 . base alongside. Pits impracticable.
nd - mostly level rocky Bench
oil - 4th rate - rocky
o Timber

. 89°57' E. on true line bet. Sec. 15 & 22
Var. 16°10' E.
22.00 Descend from higher Bench
28.00 Enter pasture
40.00 et a white flint 20 x 10 x 8 ins., 15 ins. in
the ground for ¼ Sec. cor. marked ¼ on W.
face and raised a stone mound 1½ ft. hig
2 ft. base alongside. Pits impracti
80.00 The cor. to Sec. 14. 15. 22 & 23.
and - mostly level
Soil - 2nd & 3rd rate
o Timber.

June 11th, 1895.

Note 6. page 1 on back

S. 0°02' E. on true line bet. Sec. 21 & 22
Var. 16°10' E.
40.00 Set a Trachyte stone 15 x 7 x 7 ins., 10 ins. in
e ground for ¼ Sec. cor. marked ¼ on W.
fa[illegible] x raised a stone mound 1½ ft. high,
. base alongside. Pits impracticable.
Land - high broken Bench
oil - 4th rate - rocky.
No Timber.

Subdivision of T. 26 S. R. 5 E.

Chains	
	N. 0°02' W. bet. Secs. 15 & 16.
	Var. 16°10' E.
10.00	Ascend.
15.25	Ridge 250 ft. high, bears E. & W.
	Descend.
29.50	Gulch 100 ft. deep, course N. E.
38.75	Rocky ridge 150 ft. high, bears N. E. & S.
40.00	Set a sandstone 28 x 16 x 6 ins., 20 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face & raised a stone 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
45.00	Gulch 75 ft. deep, course N. E.
58.00	Enter valley.
61.40	Road, bears E. & W.
66.00	Wash, course E.
70.90	Seaps Spring, Creek 2 lks. wide, 2 ins. deep, course E.
78.50	Wash 10 ft. deep, course S. E.
80.00	Set Trachyte stone 20 x 10 x 14 ins., 15 ins. in the ground for cor. to Secs. 9. 10. 15 & 16 marked with 4 notches on S. & E. edges & raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
	Land - broken mountains.
	Soil - 4th rate - rocky
	No Timber
	Mountainous land 4.8 chs.

S. 89°57' E. on random line bet. Secs. 10 & 15
Var. 16°10' E.

10.00 set temp. 1/4 Sec. cor.
30.18 Intersect N. & S. line 11 lks. S. of cor. to Secs. 10. 11. 14 & 15 from which I run S. 89°58' W. on true line bet. Secs. 10 & 15 with same var.

Note 4 p. 1, Corr. Notes.

vis W

Subdivision of T. 26 S. R. 5 E.

	Chains	
	9.50	A Wash 15 ft. deep, heads N.
	216.00	" " " " course S. 85° E.
	40.09	Set a Trachyte stone 18 x 16 x 6 ins., 12 ins. in the ground for ¼ Sec. cor. marked ¼ on N. face & raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
	80.18	The cor. to Secs. 9, 10, 15 & 16
		Land - level
		Soil - 1st rate - sandy
		No Timber.
		N. 0° 02' W. bet. Secs. 9 & 10
		Var. 16° 10' E.
	8.00	Ascend
	114.00	Top of Bench, bears N. W. & N. E.
See Note 1, p. 1, Corr. Notes.	40.00	In broad hollow, course E., set a Trachyte stone 22 x 16 x 11 ins., 16 ins. in the ground for ¼ Sec. cor. marked ¼ on W. face & raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable.
		Land - mostly level
		Soil - 2nd rate - sandy
		No Timber
See Note 2, p. 1, Corr. Notes		S. 0° 03' E. bet. Secs. 21 & 21
		Var. 16° 10' E.
	40.00	Set sandstone 13 x 9 x 8 ins., 5 ins. in the ground for ¼ Sec. cor. marked ¼ on W. face and raised a stone mound 1½ ft. high, 2 ft. base alongside. Pits impracticable.
		Land - broken high bench
		Soil - 3rd rate - rocky
		No Timber.

Subdivision of T. 26 S., R. 5 E.

Chains	
	N. 0°03' W. bet. Secs 16 & 17
	Var. 16°10' E.
12.00	Enter West slope
34.00	N. W. point of high Bench
	Descend N. slope
40.00	Set a sandstone 22 x 14 x 8 ins., 16 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face & raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
50.50	Seap Spring Creek 2 lks. wide, 3 ins. deep, course E.
	Enter valley.
51.00	Road bears E. & W.
80.00	Set a Trachyte stone 16 x 8 x 7 ins., 10 ins. in the ground for cor. to Secs 8. 9. 16 & 17 marked with 4 notches on S. & E. edges and raised a stone mound 1 1/2 high, 2 ft. base alongside. Pits impracticable.
	Land - mountainous & level.
	Soil - 3rd rate - rocky; 1st rate sandy.
	Timber - a few scattering scrub & cedar
	Mountainous land 50.50 chs.
	S. 89°57' E. on random line bet. Secs 9 & 1
	Var. 16°10' E.
40.00	Set temp. 1/4 Sec. cor.
79.92	Intersect N. & S. line at cor. to Secs 9. 10. 15 & 16 from which I run
	N. 89°57' W. on true line bet. Secs 9 & 16 with same var.
1.75	Wash 5 ft. deep, course S. E.
37.96	Set a Trachyte stone 16 x 16 x 5 ins., 10 in the ground, for 1/4 Sec. cor. marked 1/4 on N. face & raised a stone mound 1 1/2 ft. high, 2 - base - ide. Pits

u. Mk 4, p. 1, Corr. Notes.

Subdivision of T. 26 S. R. 5 E.

ticable.

79.92 cor. to Secs. 8. 9. 16 & 17

Land-level valley

oil-1st rate-sandy

No Timber.

N. 0°03' W. bet. Secs. 8 & 9

Var. 16°10' E.

15.50 Wash, course E.

32.50 Foot of Bluff

38.00 op. of same, bears S. W. & S. E.

0.0.0 set a Trachyte stone 18 x 14 x 5 ins., 12 ins. in the ground for 1/4 Sec. cor. 1/4 on W. face & raised a stone 1 1/2 ft. high, 2 ft. base. Pits impracticable.

See Note 1, p. 1, Corr. notes.

Land-mostly level

oil-1st rate

No Timber

June 12th 1895.

See Note 3, p. 1, Corr. notes.

0°03' E. bet. Secs. 19 & 20

Var. 16°10' E.

4.60 Wash 10 ft. deep, course N. E.

20.75 Ascend

40.00 set a Trachyte stone 14 x 11 x 7 ins., 9 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face & raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits practicable.

2-mountains & level

oil-3rd & 1st rate

timber-scattering pine & cedar

Mountainous land 19.25 chs.

Subdivision of T. 26 S. R. 5 E.

Chains	
	N. 0° 03' W. bet. Secs. 17 & 18
	Var. 16° 10' E.
3.20	Gully 15 ft. deep, course N. E.
18.25	Road, bears N. E. & S. W.
22.00	Wash, course N. E. Enter high ground
37.75	Wash in hollow, course E.
40.00	Set a sandstone 16 x 12 x 4 ins., 10 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face & raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable. From which
	A cedar 6 ins. dia. bears N. 65° E. 23 lks. dist. marked 1/4 S. B. T.
	A cedar 5 ins. dia. bears N. 89° E. 37 1/2 lks. dist. marked 1/4 S. B. T.
69.75	Cryolite ledge 2 ft. wide, course N. 25° 51' W.
80.00	Set a Trachyte stone 16 x 10 x 8 ins., 11 ins. in the ground for cor. to Secs. 7. 8. 17 & 18 marked with 4 notches on S. & 5 on E. edges and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
	Land - broken Bench
	Soil - 3rd rate - rocky
	Timber - some scattering scrub pine & cedar

S. 89° 57' E. on random line bet. Secs. 8 & 17
Var. 16° 10' E.

40.00	Set temp. 1/4 Sec. cor.
79.82	Intersect N. & S. line 14 lks. S. of cor. to Secs. 8. 9. 16 & 17 from which I run S. 89° 57' W. on a true line bet. Secs. 8 & 17 with same var.
39.91	Set sandstone 18 x 8 x 5 ins., 12 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. ace and raised a stone mound 1 1/2

see Note 4, p. 1, Corr. Notes,

Subdivision of T. 26 S. R. 5 E.

igh, 2 ft. base alongside. Pits
ticable.
46.00 Wash, course N. E.
9.00 Foot of Bluff
53.00 Top of same 40 ft. high
74.30 Rock gulch 40 ft. deep, course S. E.
79.82 The cor. to Secs 7. 8. 17 & 18.
and - mostly level
Soil - 1st rate - sandy
imber - a few scrub pines & cedars
W. end.

. 89°57' W. on random line bet. Secs 7 &
Var. 16°10' E.
0.00 et temp. 1/4 Sec. cor.
77.82 intersect 1st Guide Meridian East
15 lks. S. of cor. to Secs 7. 12. 13 & 18 from
which I run
. 89°51' E. on true line bet. Secs 7 & 18
with same var.
See Note 4, p. 1, Corr. Notes.
ecend
22.00 75 ft. deep, course N. E.
cend.
37.8 et a Trachyte stone 17 x 9 x 5 ins., 11 ins.
in the ground for 1/4 Sec. cor. marked 1/4
on N. face & raised a stone mound
1 1/2 ft. high, 2 ft. base alongside. Pits
icable.
52.00 Top of Ridge 300 ft. high, bears N. E.
& S. W.
Descend steep rocky Bluff.
73.60 Cryolite ledge or vein 2 ft. wide
N. W. & S. E.
77.82 The cor. to Secs 7. 8. 17 & 18.
Land - mountains
oil - 3rd rate - rocky
Timber - some scrub pine & cedar
ous land 77.82 chs.

Subdivision of T. 26 S. R. 5 E.

Chains

From the cor. to Secs. 3. 4. 33 & 34 on the S. B'y of the T., I run
N. 0°02' W. bet. Secs. 33 & 34.
Var. 15°23' E.
Descend East slope
32.30 Wash in gulch 50 ft. deep, course N. E.
Ascend S. slope
40.00 Set a sandstone 10 x 10 x 7 ins., 10 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
55.00 Top of Bluff 100 ft. high
80.00 Set a sandstone 19 x 7 x 5 ins., 14 ins. in the ground for cor. to Secs. 27. 28. 33 & 34, marked with 1 notch on S. & on E. edges and raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
Land - high Bench & Valley.
Soil - 3rd & 1st rate - rocky & sandy
No Timber
Mountainous land 55 chs.

East on a random line bet. Secs. 27 & 34
Var. 15°23' E.
40.00 Set temp. 1/4 Sec. cor.
80.18 Intersect N. & S. line, 27 lks. S. of cor. to Secs. 26. 27. 34 & 35 from which I run S. 89°48' W. on a true line bet. Secs. 27 & 34 with same var.
Ascend Bluff
17.50 Top of same 150 ft. high, bears N. E. & S. W.
40.39 Set sandstone 16 x 9 x 8 ins. 18 ins. in ground for 1/4 Sec. cor. marked 1/4 on W. face & raised a stone mound 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.

See Note 4, p. 1, Corr. Notes.

Subdivision of T. 26 S. R. 5 E.

80.18 The cor. to Secs 27. 28. 33 & 34
and level rocky Bench
oil 3rd rate, rocky
o Timber.
June 13th, 1895.

miles, 2.83 chs. of the lines run over mountainous land.

General Description.
The land surveyed through the
part of the T. embraces a
small valley from ½ to 1½ miles
width sometimes called Rock S
Valley and also Seaps Spring V
t can all be irrigated from
can be made and already
in part at the head of Seaps Spring
Creek sometimes called also Garden Cr.
The S. E. part of the T. contains the
Western part of Spring Creek Valley
ch can also be irrigated from
voirs at the head of Spring
There are some veins of volcanic
origin locally called Cryolite
aluminium veins
which cut generally in a N. W. &
E. direction perpendicularly
rough the sandstone.
They seem to be filled with a
volcanic mud, hard and of
nature to Trachyte.
analysis made for me by Dr.
Rauscher yielded only 40% alumin
, of course, makes these veins
commercially valueless.
unsurveyed portions of this T.
fall mostly in high rocky Benches
able for agricultural or

Subdivision of T. 26 S. R. 5 E.

Chains

There is a settlement in Sec. 15 consisting of two cabins said to belong to a man named Johnson whose full name I could not ascertain, no one being there at the time of survey.
The place is not abandoned as were provisions and furniture in the house.
There are no other settlements in this township.

Note 5, p. 1, Corr. Notes.

Adolphe Jessen
Augustus D. Terrin
U. S. Dep. Surveyors.

Volume
#
R0237

"Correction" Notes

Subdivision Tp. 26 S., R. 5 E.

Notes

1 I abandon survey North on account of unavailable Rocky Cliffs.

2 From the Cor. to Sec. 16. 17. 20 + 21 Same &c.

3 From the Cor. to Sec. 17, 18, 19 + 20 Same &c.

4 In writing up my field notes I unfortunately got of a manual of 1890, in which the phrase "with Same Va." was retained. The survey was made according to the Corrected Manual of 1890. It will be observed that whenever, in this survey, the variation changed on a line, the change was noticed and the variation return line was given in degrees and minutes. so that the phrase "with Same Va." can not mis the variation given in the beginning of a mile good for both random and true lines.

5. The applicant Fred. Salmon has abandoned the Tp.

6 From the Cor. to Sec. 15. 16 21 & 22. Same &c

Adolphe Jessen
Augustus D. Ferron
U. S. Dep. Surveyors.

List of Names.

A list of the names of the individuals employed by .....
....., U. S. Deputy Surveyor, to assist in running, measuring, and
king the lines and corners described in the foregoing field notes of the survey of the .....
.....
.....
.....
.....
.....
.....
.....Meridian, in ...., showing
spective capacities in which they acted:
.....
.....
.....
.....
.....
.....
.....
.....

Final Oath of Assistants:

We hereby certify that we assisted .....
....., U. S. Deputy Surveyor, in surveying all
the parts or portions of the .....
.....
.....
.....
.....
.....
.....
.....Meridian, ..., as are represented in the
going field notes as having been surveyed by him and under his direction; and that said survey has been in all
ects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established,
ding to the instructions furnished by the U. S. Surveyor General for .....
.....
.....
.....
.....
.....
.....
.....
.....

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

SEAL

.....

.....

6—151

Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the ....., as are represented in tl going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear t the corners of said survey have been established and perpetuated in strict accordance with the surveying printed instructions, the special written instructions of the U. S. Surveyor General for..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of approved August 8, 1846.

.....
U. S. Deputy Su

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

SEAL

.....

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City, Utah March 21, 18

The foregoing field notes of the survey of the Subdivision of T 26 R 5 East of the Salt Lake Base & Meridian Utah

..... ex
Adolphe Jessen and Augustus F Fenn
under ~~his~~ their Contract No. 187, dated June 30th, 1892 having bee examined, the necessary corrections and explanations made, the id field notes, and the surveys they de hereby approved.

.....
U. S. 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 office.

.....
U. S. Surveyor

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Compd. 515

(4—679.)

BOOK A-237

FIELD NOTES

OF THE SURVEY OF

the

Subdivisions

of

Township No. 25 S., Range No. 4 E.

Of the Salt Lake Meridian,

in the Territory of Utah,

Adolphe Jessen AS SURVEYED BY

and Augustus D. Ferron, U. S. Deputy Surveyors

Under ~~his~~ their Contract No. 187, dated June 30th, 1892

Survey commenced June 14th, 1895.

Survey completed June 17th, 1895.

6—151

[illegible] 5.71

276.41

Names and Duties of Assistants.

Joseph A. Ellett Chainman

[illegible] [illegible] [illegible] "

A. J. Allred Jr. Flagman

Albert W. Shriver Axeman

BOOK A-237

INDEX DIAGRAM.

Township 25 S., *Range* 4 E.

6	5	4	3	2	1
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19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page

Preliminary Oaths of Assistants.

We, ...

.....

.....

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

.....

.....

.....

.....

....., *Chainm*

....., *Chain*

....., *Chain*

....., *Chain*

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

.....

.....

We, ...

.....

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

.....

.....

.....

.....

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

....., *A*

....., *A*

.....

.....

.....

Subdivisions of T. 25 S. R. 4 E.

Chains

Survey commenced June 14th 1895.
From the standard cor. to Secs. 33 & 34 on the South Boundary of Tps. 25 S, R. 4 E. previously identified, I observe Polaris in its Eastern elongation June 13th at 13 h. 54 m. astronomical time, and mark the line by driving a peg 5 chs. N. of cor.
On the morning of June 14th, 1895 at 7 o'clock A. M., I lay off the azimuth 1° 36' to the West and mark the true meridian by driving a picket 5 chs. N. of cor. I find the magnetic bearing of this line to be N. 15° 26' W. which reduced by table in manual gives the mean declination 15° 23' E. See Note 1. p. 1 Corr. note

Thence I run
N. 0° 2' W. bet. Secs. 33 & 34.
Var. 15° 23' E.
Ascend on S. E. slope.

9.50	Old road from Rabbit Valley to Paradise Valley bears N. E. & S. W.
14.10	Fence bears N. E. & S. W.
20.00	New road bears N. E. & S. W.
40.00	Set a trachyte stone 14 X 10 X 5 ins. 9 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face, and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable.
40.50	Spring Branch 2 lks. wide 4 ins. deep course E.
70.00	Descend on N. E. slope.
80.00	Set a trachyte stone 14 X 10 X 6 ins. 10 ins. in the ground for cor. to Secs. 27, 28, 33 & 34 marked with 3 notches on E. and 1 on S. edges, and raised

Subdivisions of T. 20 S. R. 4 E.

Chains

a stone mound 1½ ft. high 2 ft. base alongside Pits impracticable
Land, high mountains.
Soil 3rd Rate, rocky.
No Timber.
Mountainous land 80 chs.

As the cor. to Secs 26. 27. 34 & 35 will not be established the regular way on account of inaccessible ledge breaks, over 1000 ft. high, I therefore run
East on a true line bet. Secs 27 & 34.
Var. 15° 23' E.
Descend on E. slope.
16.00 Road from Rabbit Valley to Paradise Valley bears N. E. & S. W.
35.00 Bottom of slope.
Ascend N. W. slope.
40.00 Set a trachyte stone 18 X 16 X 6 ins. 12 ins. in the ground for ¼ Sec. cor. marked ¼ on N. face, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable.
80.00 Set a trachyte stone 25 X 12 X 6 ins. 18 ins. in the ground for cor. to Secs 26. 27. 34 & 35 marked with 1 notch on S. and 2 on E. edges, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable.
Land, lower mountain side.
Soil 4th Rate.
No Timber.
Mountainous land 80 chs.

Subdivision of T. 25 S. R. 4 E.

Chains	
	N. 0° 1' W. bet. Secs. 26 & 27.
	Var. 15° 23' E.
10.00	Descend on N. W. slope.
14.00	A lone pine 20 ins. dia. on line l mark with 2 notches on N. & S. sides.
15.04	A trachyte boulder 10 ft. dia. on line l mark with a cross.
40.00	Set a trachyte stone 25 X 10 X 5 ins. 18 ins. in the ground for ¼ Sec. cor. marked ¼ on W. face, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable.
40.90	Trail bears E. & W.
44.00	Steep descent
57.50	Gulch 50 ft. deep course N. W.
	Thence on broken W. slope of hill.
80.00	Set a trachyte stone 20 X 12 X 5 ins. 15 ins. in the ground for cor. to Secs. 22. 23. 26 & 27 marked with 2 notches on S. end 2 on E. edges, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable.
	From which
	A Pine 10 ins. dia. bears S. 47° W. 12 lks. dist. marked T. 25 S. R. 4 E. S. 27 B. T.
	A Cedar 12 ins. dia. bears S. 32° E. 9 lks. dist. marked T. 25 S. R. 4 E. S. 26 B. T.
	A Cedar 5 ins. dia. bears N. 35° E. 22 lks. dist. marked T. 25 S. R. 4 E. S. 23 B. T.
	No other trees in limit.
	Land, N. slope of high mountain.
	Soil 3rd Rate, rocky.
	Timber, a few Pine and Cedar on N. end.
	Mountainous land 80 chs.

Subdivisions of T. 25 S. R. 4 E.

Chains	
	As the cor. to Secs. 23. 24. 25 & 26 will not be set in the regular way on account of inaccessible ledge over 1000 ft. high, I run East on a true line bet. Secs. 23 & 26. Var. 15° 23' E.
8.00	Spur ridge bears N. & S.; 200 ft. hi
20.00	Hollow 100 ft. deep course N. W.
32.00	M. Hogan's barn bears N. 59 3/4° W. Richard's cabin bears N. 57 3/4° W. M. Hogan's House bears N. 58° W. Middle one of 3 cabins bears N. 21 1/4°
40.00	Set a trachyte stone 18 X 12 X 8 ins. 12 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N. face, and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable
52.50	Hollow 50 ft. deep course N. W.
77.00	Descend into breaks.
80.00	Set a trachyte stone 25 X 10 X 6 ins. 18 ins. in the ground for cor. to Secs. 23. 24. 25 & 26 marked with 2 on S. and 1 on E. edges, and raised a stone mound 1 1/2 ft. high 2 ft. alongside. Pits impracticable. Land, N. slope of mountain. Soil 3rd Rate, rocky. Timber, some scrub Pine and C on W. 20 chs. Mountainous land 80 chs.

N. 1 W. bet. Secs. 23 & 24.
Var 15° 23' E.
On account of breaks, chaining is impracticable, I therefore set a flag in N. side of said breaks and leave a flag at cor.
From flag on North side break

Subdivisions of T. 25 S. R. 4 E.

Chains	
	I measure a Base E. 30 chs. to a point from which flag at cor. bears S. 32° 16' W. I prolong the Base 10 chs. further East to a point from which flag at cor. bears S. 40° 6' W.
	1st triangle
	Co. Tan. 1.58388 X 30 = 47.516 chs.
	2nd triangle
	Co Tan. 1.1875 X 40 = 47.502 chs.
	Mean dist. bet. flags =
47.51	Top of breaks 200 ft. deep course S.E.
53.50	Ledge of sandstone 4 ft. high bears E. & W.
75.50	Gulch 30 ft. deep course N.W.
80.00	Set a sandstone 16 X 7 X 7 ins. 10 ins. in the ground for cor. to Secs. 13. 14. 23 & 24 marked with 3 notches on S. and 1 on E. edges, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable.
	From which
	Richard's cabin bears S. 57½° W.
	M. Hogan's barn bears S. 58½° W.
	M. Hogan's house bears S. 60½° W.
	Middle of 3 cabins bears S. 66¼° W.
	Land, N.W. slope of mountains.
	Soil 3rd Rate, rocky.
	No Timber.
	Mountainous land 80 chs.
	N. 0° 1' W. bet. Secs. 13 & 14.
	Var. 15° 23' E.
13.00	Enter Paradise Valley.
30.00	Ditch course S.W.
40.00	Set a trachyte stone 20 X 12 X 4½ ins. 15 ins. in the ground for ¼ Sec. cor. marked ¼ on W. face and raised

Chains

a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable.

70.30 Wire fence bears N. 15° E.

80.00 Set a trachyte stone 16 X 14 X 3 ins. 10 ins. in the ground for cor. to Secs. 11. 12. 13 & 14 marked with 4 notches on S. and 1 on E. edges, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable.

13.00 / 67.00

Land, mostly level valley.

Soil 2nd Rate, clayey.

No Timber.

Mountainous land 13 chs.

As the cor. to Secs. 7. 12. 13 & 18 is inaccessible on account of breaks I run

East on a true line bet. Secs. 12 & 13.

Var. 15° 23' E.

2.00 Fence bears N. 15° E.

11.00 Ascend

32.00 Ridge 250 ft. high bears N. W. & S. E.

Descend

40.00 Set a sandstone 16 X 9 X 7 ins. 18 ins. in the ground for ¼ Sec. cor. marked ¼ on N. face, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable.

25.00 / 11.00

Land, mostly mountain.

Soil 3rd Rate.

Timber, scattering scrub Pine and Cedar.

Mountainous land 29 chs.

Subdivisions of T. 25 S. R. 4 E.

hai

V. 0° 1' W. bet. Secs. 11 & 12.
Var. 15° 23' E.

13.00 Ascend
16.50 Enter Cedar and Pine.
27.50 Ridge 200 ft. high bears E. & W.
Descend
40.00 et a trachyte stone 20 X 10 X 10 ins.
15 ins. in the ground for 1/4 Sec. cor.
arked 1/4 on W. face, and raised
a stone mound 1 1/2 ft. high 2 ft.
ase alongside. Pits impracticable,
on which
Pine 10 ins. dia. bears S. 10° W.
01 lks. dist. marked 1/4 S. B. T.
A Cedar 36 ins. dia. bears S. 85° E.
58 lks. dist. marked 1/4 S. B. T.
are Timber.
46.50 Enter meadow land.
61.00 Ascend
70.00 V. W. point of ridge.
80.00 In Last Chance Cañon 200 ft. deep
et a trachyte stone 17 X 12 X 6 ins.
1 ins. in the ground for cor. to
ecs. 1. 2. 11 & 12 marked 5 notches
on S. and 1 on E. edges, and
raised a stone mound 1 1/2 ft.
gh 2 ft. base alongside. Pits
acticable, from which
Aspen 3 ins. dia. bears S. 30° W.
18 lks. dist. marked T. 25 S. R. 4 E. S. 11 B.

An Aspen 8 ins. dia. bears N. 25° W. 109
dist. marked T. 25 S. R. 4 E. S. 2 B. T.
A Pine 6 ins. dia. bears S. 80° E. 75 lks.
dist. marked T. 25 S. R. 4 E. S. 12 B. T.
and, mostly mountainous.
oil 3rd & 2nd Rate,
Timber, scrub Pine and Cedar.
ountainous land 52.50 chs.
14th, 1895.

52.50
27.50

See note 2, p. 1
Corr. notes

Subdivisions T. 25 S. R. 4 E.

note 7 page
Cor. notes

1. 0° 1' W. bet. Secs. 22 & 23.
Var. 15° 23' E.

6.00 A Pine 12 ins. dia. on line I mark th 2 notches on N. & S. sides.
7.00 Enter Valley.
Fence bears N. E. & S. W.
36.85 Fence bears N. W. & S. E.
38.00 Road bears N. E. & S. W.
39.00 Ditch course N. E.
40.00 et a trachyte stone 16 X 11 X 8 ins. 11 in the ground for 1/4 Sec. cor. arked 1/4 on W. face, and raised tone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable.
46.00 Enter hills bears N. E. & N. W.
50.89 A Pine 9 ins. dia. on line I mark th 2 notches on N. & S. sides.
80.00 et a trachyte stone 28 X 11 X 8 ins. 2 in the ground for cor. to Secs. 14. 15. 22 & 23 marked with 3 not on S. and 2 on E. edges, and raised a stone mound 1 1/2 ft. high 2 ft. ase alongside. Pits impracticable, from which

41.00
39.88

Pine 5 ins. dia. bears S. 6° E. 45 dist. marked T. 25 S. R. 4 E. S. 23 B. T.
A Pine 4 ins. dia. bears N. 20° W. 33 dist. marked T. 25 S. R. 4 E. S. 15 B. T.
A Pine 4 ins. dia. bears S. 40° W. 22 1/2 dist. marked T. 25 S. R. 4 E. S. 22 B. T.
No other trees in limit.
and, mountains and valley.
oil 3rd. & 1st. Rate.
one piñon pine and cedar on th ends.
Mountainous land 41 chs.

Subdivisions of T. 25 S. R. 4 E.

Chains	
	East on a random line bet. Secs. 14 & 23.
	Var. 15° 23' E.
40.00	Set a temp. ¼ Sec. cor.
80.16	Intersect N. & S. line at cor. to Secs. 13. 14. 23 & 24 from which I run West on a true line bet. Secs. 14 & 23, with same variation. — See note S. p. 1 Corr. notes
5.00	Enter valley.
40.08	Set a trachyte stone 16 X 12 X 10 ins. 10 ins. in the ground for ¼ Sec. cor. marked ¼ on N. face, and raise a stone mound 1½ ft. high 2 ft. base alongside. Pits 2 in. impracticable.
54.90	Fence bears N. E. & S. W.
55.00	Road bears N. E. & S. W.
60.00	Leave valley.
	Ascend
76.00	Gully course S. E.
80.16	The cor. to Secs. 14. 15. 22 & 23.
	Land, mostly valley.
	Soil 1st Rate.
	Timber, a few Pine on West end.
	Mountainous land 25 chs.
	N. 0° 1' W. bet. Secs. 14 & 15
	Var. 15° 23' E.
5.10	Gulch 25 ft. deep course S. E.
18.00	Ridge 150 ft. high bears N. W. & S. E.
26.10	Head of gulch course E.
40.00	Set a sandstone 16 X 9 X 7 ins. 10 ins. in the ground for ¼ Sec. cor. marked ¼ on W. face, and raise a stone mound 1½ ft. high 2 ft. base alongside. Pits 2 in. impracticable.
42.00	Ridge 175 ft. high bears N. E. & S. W.
65.00	Hollow course N. W.
	Set a chute stone 16 X 9 X 7 ins. 10

Subdivisions of T. 25 S. R. 4 E.

Cha[illegible]

is in the ground for cor. to Se
0.11.14 & 15 marked with 4 not
on S. and 2 on E. edges, and
a stone mound 1½ ft. high 2 f.
ase alongside. Pits impracticable
and, broken mountain slopes.
Soil 3rd & 4th Rate.
Timber, some Pine and Cedar on S.
d.
Mountainous land 80 chs.

East on a random line bet. Secs
11 & 14.
Var. 15° 23' E.
40.00 Set a temp. ¼ Sec. cor.
80.46 Intersect N. & S. line 34 lks. S. of c
to Secs 11.12.13 & 14 from which I run
S. 89° 45' W. on a true line bet. Secs
11 & 14 with same variation.
Note 5, p. 1 corr. notes
11.00 Road bears N. E. & S. W.
15.00 Leave valley.
Ascend
27.00 North point of Ridge 200 ft. high.
Descend
40.23 Set a trachyte stone 25 X 12 X 10 ins.
8 ins in the ground for ¼ Sec. cor.
marked ¼ on N. face, and raised
tone mound 1½ ft. high 2 ft. base,
alongside. Pits impracticable.
55.50 Hollow 100 ft. deep course N.
65.00 Ridge spur 200 ft. high bears N. & S.
80.46 The cor. to Secs 10.11.14 & 15.
Land, mostly mountains.
oil 3rd Rate.
Timber, scattering Pine on East end.
Mountainous land 65.46 chs.

Subdivisions of T. 25 S. R. 4 E.

Ch

.0°1' W. bet. Secs. 10 & 11.
Var. 15° 23' E.

Descend

80.60 Dry bed in small hollow course N.E.
35.30 " " " " " " E.
40.00 Set a trachyte stone 18 X 11 X 6 ins. 11 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face, and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable.
50.50 Hollow 70 ft. deep course E.

Ascend

56.50 Enter Bench 100 ft. high bears E. &
69.00 Descend.
74.50 Last Chance Cr. 5 lks. wide 4 ins. deep in cañon 175 ft. deep course E.

Ascend

80.00 Near top of slope marked a trachyte stone in place 40 X 20 ins. th cross at cor. point, and 5 not on S. and 2 on E. edges, and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable, on which
v Cedar 7 ins. dia. bears S. 1° W. 17 1/2 dist. marked T. 25 S. R. 4 E. S. 10 B. T.
a Pine 8 ins. dia. bears N. 25° E. 21 lks. t. marked T. 25 S. R. 4 E. S. 2 B. T.
No other trees in limit.
Land, very broken mountain and Bench slopes.
Soil 2nd & 3rd Rate.
Timber, some scattering Pine
Mountainous land 80 chs.

Subdivisions of T. 25 S. R. 4 E.

h

N. 89° 45' E. on a random line bet. ecs. 2 & 11.
Var. 15° 23' E.

40.00 Et a temp. 1/4 Sec. cor.

80.14 Intersect N. & S. line 17 lks. S. of cor. to Secs. 1. 2. 11 & 12 from which I run 89° 38' W. on true line bet. Secs. 2 & 11 with same variation.

See Note 5, p. Corr. Notes

1.15 Last Chance Cr. 5 lks. wide 6 ins. deep course N. E.
Ascend

8.50 Road to Ivie Cr. bears N. E. & S. E.

9.13 A Pine 9 ins. dia. on line I mark with 2 notches on E. & W. sides.

2.10 Top of Bench slope.
Enter Bench covered with heavy timber.

40.07 Et a sandstone 15 X 10 X 4 ins. 10 ins in the ground for 1/4 Sec. cor. 1/4 on N. face, and raised a st ound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable, one which
A Pine 10 ins. dia. bears N. 11° E. 13 dist. marked 1/4 S. B. T.
A Pine 7 ins. dia. bears S. 30° E. 14 dist. marked 1/4 S. B. T.

41.25 Hollow 50 ft. deep course S. E.

71.00 Descend from Bench.

80.14 The cor. to Secs. 2. 3. 10 & 11.
Land, high broken Bench.

See Note 2, Corr.

1 Soil 2nd & 3rd Rate.
Timber, Pine and Cedar.
Mountainous land or covered with timber 80.14 chs.

Subdivisions of T. 25 S. R. 4 E.

h N. 0°2' W. bet. Secs. 27 & 28. — note 4 page 1 Con. notes.
Var. 15°23' E.
Along E. slope of mountain.
40.00 et a trachyte stone 16X14X7 ins. 10
the ground for 1/4 Sec. cor. marked
on W. face, and raised a stone
ount 1 1/2 ft. high 2 ft. base alongsi
its impracticable.
80.00 et a trachyte stone 16X9X7 ins. 10 ins.
the ground for cor. to Secs. 21.22.27 & 2
arked with 2 notches on S. and 3
on E. edges, and raised a stone
ound 1 1/2 ft. high 2 ft. base alongsi
Pits impracticable.
and, broken E. slope of mountain.
oil 3rd. Rate.
No Timber, some Aspen brush.
Mountainous land 80 chs.

East on a random line bet. Secs. 22 & 2
Var. 15°23' E.
40.00 Set a temp. 1/4 Sec. cor.
80.48 Intersect N. & S. line at cor. to Secs. 22.23.
26 & 27 from which I run
West on a true line bet. Secs. 22 & 2
ith same variation. — note 5, p. 1 Corr. notes
2.50 Enter valley.
6.65 Fence bears N.W. & S.E. 2 chs. each
thence N.E. & S.W.
15.00 Spring Branch 3 lks. wide 5 ins. o
course N.E.
21.00 pring Branch 5 lks. wide 2 ins. deep course
4.20 Road bears N. & S.
26.00 Ditch course N.
37.50 Fence bears N. 5° E.
40.24 Set a trachyte stone 29X12X10 ins. 20 ins
the ground for 1/4 Sec. cor. marked
1/4 on N. face, and raised a stone m
1 1/2 ft. high 2 ft. base alongside. Pits impractica b.
57.50 ulch 50 ft. d 1 course N.E.

Subdivisions of T. 25 S. R. 4 E.

Sh

71.00 A Pine 30 ins. dia. on line I mark with 2 notches on E. & W. sides.

80.48 The cor. to Secs. 21. 22. 27 & 28.

58.73/21.75 and mostly mountains.
Soil 2nd Rate.
No Timber.
Mountainous land 58.73 chs.

June 15th, 1895.

N. 0° 2' W. bet. Secs. 21 & 22.
Var. 16° 23' E.
Along broken S.E. slope.

40.00 et a sandstone 18 X 10 X 3 ins. 12 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable, on which
An Aspen 4 ins. dia. bears N. 57 W. 33 lks. dist. marked 1/4 S. B. T.
An Aspen 3 ins. dia. bears S. 50 W. 10 1/2 lks. dist. marked 1/4 S. B. T.

0.00 Spring Branch 2 lks. wide in hollow 10 ft. deep Course S.E.

62.50 Descend on N.E. slope into "Wide Hollow."

80.00 et a trachyte stone 10 X 10 X 6 ins. 10 ins. in the ground for cor. to Secs. 16. 21 & 22, marked with 3 notches on S. & E. edges, and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable.
Land, Easterly slope of mountain.
Soil 3rd Rate, rocky.
No Timber.
Mountainous land 80 chs.

Now a random line bet. Secs. 16 & 22.
Var. 16° 23' E.

40.00 Set a temp. 1/4 Sec. cor.

80.46 I intersect N. & S. line 27 lks. N. of cor. to Secs. 16. 22 & 23 on which I run

Subdivisions of T. 20 S. R. 4 E.

Chains N. 89° 48' W. on a true line bet. Secs. 15 & 22 with same variation. Ascend.

30.00 Ridge 200 ft. high bears N.W. & S.E. Descend.

40.23 Set a trachyte stone 18 x 10 x 7 ins. 12 ins. in the ground for ¼ Sec. cor. marked ¼ on N. face, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable.

58.00 Wagon trail in big hollow course S. E.

61.00 Ditch from East Chance bv. course S.E. Ascend.

80.46 The cor. to Secs. 15. 16. 21 & 22.

Land, mountains.

Soil 2nd Rate.

Timber, some Pine and Cedar on E. end.

Mountainous land 80.46 chs.

N. 0° 2' W. bet. Secs. 15 & 16.

Var. 15° 23' E.

28.00 Road in wide hollow bears N.W. & S.E.

29.20 Ditch from East Chance bv. course S.E. Ascend

40.00 Set a trachyte stone 30 x 16 x 5 ins. 12 ins. in the ground for ¼ Sec. cor. marked ¼ on W. face, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable, from which

A Pine 5 ins. dia. bears S. 70° E. 17 lks. dist. marked ¼ S. B. T.

A Pine 11 ins. dia. bears West 70 lks. dist. marked ¼ S. B. T.

50.00 Ridge 200 ft. high bears N.W. & S.E. Descend.

80.00 Set a trachyte stone 16 x 13 x 6 ins. 16 ins. in the ground for cor. to Secs. 9. 10. 15 & 16. marked with 4 notches on S. and 3 on E. edges, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable.

Land, high mountains.

Soil 4th Rate.

No Timber.

Mountainous land 80. chs.

Subdivisions of T. 2 S. R. 4 E.

Chains S. 89° 47' E. on a random line bet. Secs. 10 & 15.
Var. 15° 23' E.

40.00 Set a temp. ¼ Sec. cor.
70.28 Intersect N. & S. line 35 lks. S. of cor. to Secs. 10. 11. 14 & 15. from which I run.
S. 89° 57' W. on a true line bet. Secs. 10 & 15 with same variation.

note 5, p. 1 Corr. notes

3.00 Enter rolling ground.
33.00 Hollow 75 ft. deep course N. E.
40.14 Set a trachyte stone 22 X 10 X 6 ins. 16 ins. in the ground for ¼ Sec. cor. marked ¼ on N. face, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable.
50.00 Ridge bears N. & S.
66.00 Hollow 40 ft. deep course N.
70.28 The cor. to Secs. 9. 10. 15 & 16.
Land, mountains.
Soil 3rd Rate, gravelly.
No Timber.
Mountainous, land 80.28 chs.

N. 0° 2' W. bet. Secs. 9 & 10.
Var. 15° 23' E.
Descend gradually.
27.50 Wash in hollow. 25 ft. deep course E.
40.00 Set a trachyte stone 20 X 10 X 4 ins. 15 ins. in the ground for ¼ Sec. cor. marked ¼ on W. face, an raised a stone mound 1½ ft. high 2 ft. base alon
Pits impracticable, from which
a Pine 10 ins. dia. bears East 203 lks. dist. marked ¼ S. B. T. No other trees in lin
Land, rolling.
Soil 3rd Rate, gravelly.
No Timber.

note 2, p. 1 Corr. notes

From the cor. to Secs. 15. 16. 21 & 22.
Weston a true line bet. Secs. 11 & 21.
Var. 15° 23' E.
Descend high mountain.

Subdivisions T. 25 S. R. 4 E.

Chs
40.00 Set a trachyte stone 14 X 7 X 4½ ins. 9 ins. in the ground for ¼ Sec. c marked ¼ on N. face, and a stone mound 1½ ft. high 2 ft. base alongside. Pits impractic.
80.00 Marked a stationary trachyte tone 30 X 30 X 30 ins. with a cross at cor. point and 3 notches on S. and 4 on E. edges, for cor. to Secs. 16, 17, 20 & 21 and raised a stone mound 1½ ft. high 2 ft. base alon Pits impracticable.
Land high mountains.
Soil 3rd Rate.
No Timber, some Aspen brush.
Mountainous land 80 chs.

West on a true line bet. Secs. 17 & 20.
Var. 15° 23' E.
Ascend on N. E. slope.
40.00 Set a trachyte stone 16 X 7 X 5 ins. 11 ins. in the ground for ¼ Sec. cor. marked ¼ on N. face. and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impracticable
d. 3, p. 1 notes Land, mountains.
Soil 2nd Rate.
No Timber, Aspen brush.
Mountainous land 40 chs.

N. 0° 3' W. bet. Secs. 16 & 17.
Var. 15° 23' E.
Descend
6.75 Spring Rill course E.
40.00 Marked an Aspen 4 ins. dia. ¼ S. on W. side for ¼ Sec. cor. dug pits 18 X 18 X 12 ins. N. & S. tree, 5½ ft. dis

Subdivisions of T. 25 S. R. 4 E.

Chains

and raised a mound of earth around tree.

46.25 Ditch from Last Chance Cr. course E.

70.00 mall gully course N. E.

80.00 et a trachyte stone 16X10X4 ins. 1 .. in the ground for cor. to Se 8. 9. 16 & 17 marked with 4 notches on S. & E. edges, and raised a stone ound 1½ ft. high 2 ft. base alongsid

Pits impracticable, from which

An Aspen 3 ins. dia. bears S. 30° W. 18 lks. dist. marked T. 25 S. R. 4 E. S. 17 B. T.

An Aspen 8 ins. dia. bears N. 25° W. 109 dist. marked T. 25 S. R. 4 E. S. 8 B. T.

A Pine 6 ins. dia. bears S. 80° E. 75 dist. marked T. 25 S. R. 4 E. S. 16 B. T.

Land, mountains.

Soil 2nd & 1st Rate.

Timber, some Aspen on N. & S. ends.

Oast on a random line bet. Secs. 9 & 16. Var. 15°33' E.

40.00 et a temp. ¼ Sec. cor.

80.14 Intersect N. & S. line at cor. to Se 9. 10. 15 & 16 from which I run West on a true line bet. Secs. 9 & 16 with same variation.

note 5 p 1 corr. notes

Ascend

40.07 et a trachyte stone 17X9X4 ins. 11 ns. in the ground for ¼ Sec. c marked ¼ on N. face, and raised a stone mound 1½ ft. high 2 ft. base alongside. Pits impractica

49.00 N. point of hill 500 ft. high.

Descend on West slope.

68.00 Hollow 300 ft. deep course N.

80.14 The cor. to Secs. 8. 9. 16 & 17. and, mountains.

Subdivisions of T. 25 S. R. 4 E.

Chains		
	Soil 2nd Rate. Timber, a few Aspen on W. end. Mountainous land 80 chs.	
	West on a true line bet. Secs. 8 & 17. Var. 15° 23' E. Along steep N. E. slope.	
40.00	Set a trachyte stone 16 x 9 x 7 ins. 10 ins. in the ground for 1/4 Sec. cor. marked 1/4 on N. face, and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable. Land, high mountains. Soil 1st Rate. No Timber - some Aspen brush. Mountainous land 40 chs.	See Note 2 [illegible] Corr. note
	N. 0° 3' W. bet. Secs. 8 & 9. Var. 15° 23' E.	
26.75	Wash in hollow 75 ft. deep course E.	
40.00	Set a trachyte stone 15 x 11 x 7 ins. 10 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face, and raised a stone mound 1 1/2 ft. high 2 ft. base alongside. Pits impracticable. Land, mountains. Soil 1st Rate. No Timber. Mountainous land 40 chs. June [illegible] 1895.	See Note 2 [illegible] Corr. note
	21 miles 5.91 chs. of the line run over mountainous land.	

Subdivisions of T. 25 S. R. 4 E.

h

General Description.

The land surveyed in this township embraces Paradise Valley, a depression without outlet on the East face of the Wahsatch Mountains, which is an old lake bottom, about 3 ong, averageing half a mile in d th.

John Judge DE No 2184 and Mary Judge DE No 2863 h ought water by a long ditch fr Last Chance Cr. into this and made a meadow of the S. ½ of it.

M. Hogan has a Desert Entry No 2185 Secs 9. 16 & 17. and Arnold Will a Desert Entry No 2187 on E. ½ N.E. 74 ec. 11 which have both been claimed by ditches from Last hance Cr.

The Southeast and East part aining unsurveyed fall in the East main breaks of the Wahsatch Mountains over 1000 ft. high, inaccessable and available.

The North part covers the of Last Chance Cañon.

See Note 6 p. 1 corr. notes

The S. W. and W. parts are gh lava declivities.

Adolphe Jessen
Augustus D. Ferron
U. S. Deputy Surveyors.

"Correction" Notes
Subdivisions Tp. 25 S., R. 4 E.

Cor. of Notes

1 The North Boundary of this Tp. was not run on account of the breaks of Last Chance Creek, which consist of steep, rocky cliffs about 500 ft high and are totally unavailable for agricultural purposes.

2 The Survey North was abandoned for reason given in Note 1.

3 The Survey West from here was abandoned on account of Unavailable, high, lava Mountains.

4 From the Cor. to Sec^s 27, 28, 33 & 34 S run &c.

5 In writing up my field notes, I unfortunately got hold of a manual of 1890, in which the phrase "with same va." was retained. The Survey was made in accordance with the "corrected" manual of 1890. It will be observed that whenever in this Survey the variation changed on a Return line, the change was noticed and the variation of such return line was given in degrees and minutes. So that the phrase "with same va." can not mislead, as the variation given in the beginning of a mile holds good for both random and true lines.

6. Willard Pace & Jeff. D. Pace, the applicants for Survey have left the township.

7 From the cor to Sec^s 22, 23, 26 & 27 S run &c

Adolphe Jessen
Augustus D. Fanon
U. S. dep. Surveyors.

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K A-237

List of Names.

A list of the names of the individuals employed by Adolphe Jesson and Augustus V. Ferron, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the Standard Exterior & Subdivision lines in Tp 29 & 30 S R 5, 6 & 7 E Tp 26 S R 5 E and T 25 S R 4 E of the Salt Lake Base & Meridian, Ellis

~~Meridian, in~~ , showing respective capacities in which they acted:

Martin W. Allred, Chairman
Joseph H. Ellitt "
S. A. Hanks "
Leo R. Holt "
Wm R. Heath Axeman & Flagman
Albert W. Shirier Axeman
A. J. Allred Jr. Flagman

Final Oath of Assistants:

We hereby certify that we assisted , U. S. Deputy Surveyor, in surveying all these parts or portions of the

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

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

SEAL

6—19

A-227

541A

[5.—FINAL OATHS OF ASSISTANTS.]

We hereby certify that we assisted Wolfe Jenkins and Augustus D. Perron United States deputy surveyor, in surveying all those parts or portions of the Standard, Exterior and Subdivision lines in Tps 29 & 30 S. Rs. 5 6 & 7 E., Tp 26 S. R 5 E., and Tp. 25 S., R. 4 E.

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

....., Compassman.

Martin W. Allred, Chainman.

Joseph H. Ellett, Chainman.

S. A. Hanks, Chainman.

Geo R. Holt, Chainman.

Wm R Heath, Axeman. & flagman

Albert W Shiner, Axeman.

A L Allred Jr, Flagman.

Subscribed and sworn to before me this 17th day of June 1895

Geo W Shiner

Justice of Perse

Fremont Precinct, Wayne Co.

Utah Ty.

542

Final Oath of U. S. Deputy Surveyor.

~~I,~~ We Augustus D. Ferron and Adolphe Jessen, U. S. Deputy Surv solemnly swear that, in pursuance of instructions received from Ellsworth Daggett Surveyor General for Utah, bearing date of the 3 June, 1892, ~~I~~ We have well, faithfully, and truly, in ~~my~~ our own proper person, and conformity with the instructions furnished by the U. S. Surveyor General for Utah surveying manual, and the laws of the United States, surveyed all those parts or portions of the M Exterior and Subdivision lines in Tp. N. 26 S. R 4 E, Tp. 12 S, R 6 E, R 5 E. and Tp. 17 S. R 6 E, also the Standard, Exterior and Subdivi lines, in Tp. 29 & 30 S, R 5. 6 & 7 E., Tp. 26 S. R 5 E and 1 R 4 E.

Salt Lake Meridian, in ~~the~~ Utah, as are represented in going field notes as having been surveyed by ~~me~~ us, and under ~~my~~ our directions; and ~~I~~ we do further solemnly swear the corners of said survey have been established and perpetuated in strict accordance with the surveying printed instructions, the special written instructions of the U. S. Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the true field notes of such and should any fraud be detected, ~~I~~ we will suffer the penalty of perjury under the provisions of an Act of approved August 8, 1846.

Augustus D. F.
Adolphe Jessen
U. S. Deputy S

Subscribed and sworn to before me this 30 day of January, 1896

SEAL

George W. Snow
U. S. Surveyor

Approval.

Office of the U. S. Surveyor General
Salt Lake City, Utah
March 21, 18

The foregoing field notes of the survey of the Subdivisions of T2 R4 E of the Salt Lake Base & Meridian Utah

Adolphe Jessen and Augustus D. Ferron

under ~~his~~ their Contract No. 187, dated June, 1892, having been examined, the necessary corrections and explanations made, the said field notes, and the surveys they d hereby approved.

U. S. 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 office.

U. S. Surveyor

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BOOK A-237

FIELD NOTES

K.F.B.

OF THE Re SURVEY OF

Subdivisions.

T. 3. North Range 8. East.

of the Salt Lake Base line and

Of the Salt Lake Meridian,

Utah Territory

AS SURVEYED BY

Robert Gorlinski, U. S. Deputy Surveyor,

Under his Contract No. 189, dated February 9th 1893.

Survey commenced September 7th, 1894

Survey completed September 13th, 1894

(12501—2,000.)

Names and Duties of Assistants.

Conrad Rock	Chainman
John Meade	Chainman
George N. Davis	Flagman
Alexander Robison	Axeman

BOOK A-237

INDEX DIAGRAM.

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

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Meanders Page .....

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R237

[1.—PRELIMINARY OATH OF CHAINMEN.]

We, Conrad Rock

and John Meade

do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plum the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length 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 RE survey of the Guide Meridian bet secs. 13 & 18. T. 3. N. bet. Rs. 8 and 9 E. North Boundary Sec. 4. T. 3. N. R. 8. E. and E. Bdy Sec. 13. T. 3. N. R. 9. E. & R. 10. E. and subdivisionlines surrounding all sections bordering on the Utah and Wyoming Boundary in T. 3. N. Rs. 8. 9. & 10 E. of the Salt Lake base and meridian in the Territory of Utah.

Conrad Rock, Chainman.

John Meade, Chainman.

_____, Chainman.

_____, Chainman.

Subscribed and sworn to before me this 7th day of September 1894

Joseph Gorlinski
Notary Public
for Salt Lake County
Utah.

548 R237 548

[2.—PRELIMINARY OATH OF AXEMEN.]

We, George N. Davis and Alexander Robison

do solemnly swear that we will well and truly perform the duties of Axemen, in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the Guide Meridian between secs. 13 and 18 T. 3 N. between Rs. 8 and 9 E. North Boundary Sec. 4 T. 3 N. R. 8 E. and E. Bdy Sec. 13 T. 3 N. R. 9 E. and R. 10 E. and subdivision lines surrounding all sections bordering on the Utah and Wyoming Boundary in T. 3 N. Rs. 8, 9 and 10 E.

of the Salt Lake base and meridian in the Territory of Utah.

George N. Davis, ~~Axeman.~~ Flagman

Alexander Robison, Axeman

Subscribed and sworn to before me this 7th day of September 1894

Joseph Gorlinski
Notary Public
for Salt Lake County
Utah.

Resurvey Subdivisions T. 3. N. R. 8. E.

chs.

Survey commenced September 8. 1894. with a Burt's Solar Compass. in good adjustment.
The distances were measured with a 50 lk. steel chain. braced links.
Both instrument and chain were previously examined and compared with the official standards and entered upon the records of the U.S. Surveyor General's Office. Previous to commencing the resurvey of the Subdivisions of this Tp. I again compared my chain with the Standard Kept by me in the field during this Contract, and found it correct, which standard agrees with the official standard.

Not being able after diligent search to find the Cor. to secs. 13. 14. 23 and 24, I reestablished it at point north 40.00 chs. from the established 1/4 sec. cor. between secs. 23 and 24, which is a sandstone, 19×10×5 ins. firmly set and plainly marked 1/4 on W. face.
Said cor. to secs. 13. 14. 23 and 24, as reestablished by me, being a gray sandstone. 20×10×5 ins. 15 ins. in the ground. marked with 3 notches on S. and 1 notch on E. edges, and with mound of stones. 1½ ft. high. 2 ft. base. alongside. Pits impracticable — September 8. 1894.

From cor. to secs. 13. 14. 23 and 24.
Iron
North between secs. 13 and 14.
Va. 16° 40' E.

Ascend —
15.60 Top of spur of ridge. about 140 ft. above gulch, course N. 46° E. and S. 46° W. Descend.
24.00 Small grove of aspen timber about 20 lks. to W. of line —
25.00 North end of aspen grove, 20 lks. to W. of line —
26.00 Enter bottom of gulch. about 150 ft. below ridge. course SW.
27.50 Leave bottom of said gulch. Ascend.
33.17 Ascent steep.

Resurvey Subdivisions T. 3. N. R. 8. E.

35.82 Enter scattering live cedar timber.

40.00 Set a gray sandstone, 14×10×6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, and raised a mound of stone, 1½ ft. high, 2 ft. base, alongside. Pits impracticable. No trace of old cor.

From 1/4 cor. point -

A cedar, 7 ins. diam. bears S. 15° E. 5 lks. dist. marked 1/4 S. B. T.

cedar, 9 ins. diam. bears N. 75° 25' W. 55 lks. dist. marked 1/4 S. B. T.

Leave scattering cedar timber.

44.48 Intersect Boundary line between Utah Territory Wyoming State, west 9.04 chs. from the 365th mile cor. on said Boundary, which is a post 6 ins. sq. 7 ft. long, marked as per records. Pits still visible, but mound and charred block obliterated.

Set a gray sandstone, 18×12×5 ins. 12 ins. in the ground, for closing cor. to secs. 13 and 14, marked with 4 grooves and B. L. on S. and 1 groove on E. faces, and raised a mound of stone, 1½ ft. to 2 ft. base, alongside. Pits impracticable.

From cor. point -

A cedar, 9 ins. diam. bears S. 46° 30' E. 170 lks. marked T. 3. N. R. 8. E. S. 13. B. T.

No other suitable bearing objects within limits.

Land mountainous 44.48 chs.

Soil stony and gravelly, 2nd & 3rd rates

Scattering cedars on 4.18 chs.

Brush along line not dense.

East on a random line between secs. 13 and 24

Ba. 16° 40' E.

40.00 Set temporary 1/4 cor.

78.75 Intersect E. Boundary of the Tp. and Guide Meridian. 28 lks. N. of cor. to secs. 13. 18. 19 and 24.

Thence I run

N. 89° 45' W. on a true line between secs. 13 & 2

Ba. 16° 40' E.

Resurvey Subdivisions T. 3. N. R. 8. E.

chs.	
	Ascend.
18.00	Top of spur of ridge. about 300 ft. above road. near meadow to south, course N. 31° E. and S. 31° W. Descend.
28.00	Descent less steep or quick.
39.37	No trace of old 1/4 sec. cor. Set a gray sandstone, 20×10×5 ins. 15 ins. in the ground. for 1/4 sec. cor. marked 1/4 on N. face. and raised a mound of stone, 1 1/2 ft. high, 2 ft. base, alongside. Pits impracticable.
50.50	Bend in main wagon road bears about 48 lks. to south of line: Enter grassy hollow. drains
51.20	Leave grassy hollow - drains SW. heads N. 24° E.
63.50	Point about 3 chs. N. of main wagon road and about 4 chs. N. of Chalk Cr. runs W.
78.75	The cor. to secs. 13. 14. 23 and 24.

Land mountainous 78.75 chs.
Soil stony and gravelly. 3rd. and 4th rates
No timber.
Brush. not dense along line.
September 13. 1894.

From the cor. to secs. 14. 15. 22 and 23. which is a gray sandstone. 16×6×6 ins. firm in the ground and properly marked, agreeing with description in the U. S. Surveyor General's Office - alongside of which I raised a mound of stone, 1 1/2 ft. high, 2 ft. base - from cor. point -
An aspen. 4 ins. diam. bears N. 22° 30' E. 31 lks. dist: marked T. 3. N. R. 8. E. S. 14. B. T.
An aspen. 5 ins. diam. bears N. 13° 38' W. 44 lks. dist. marked T. 3. N. R. 8. E. S. 15. B. T.
No other suitable bearing objects within limits in other secs. Pits impracticable.
Thence I run
East on a random line between secs. 14 and 23.
ba. 16° 40' E.

40.00	Set temporary 1/4 sec. cor.
78.75	Intersect N. and S. line, 12 lks. N. of the cor. to secs. 13. 14. 23 and 24.

Resurvey Subdivisions T. 3. N. R. 8. E.

S.

Thence I run
N. 89°55' W. on a true line between secs. 14 & 23
Va. 16°40' E.

Descend very gradually.
15.75 Enter grassy hollow, drains S.
19.00 Leave " " " "
34.25 small grassy ravine, dry, about 200 ft. below ridge, drains SE. Enter less rolling mountains.
39.37 No trace of old 1/4 sec. cor. Set a gray sandstone, 18x10x8 ins. 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face, and raised a mound of stone, 1½ ft. high, 2 ft. base alongside. Pits impracticable.
57.00 Enter aspen timber - at head of small ravine drains NE.
58.00 aspen timber.
64.25 Top of high ridge, about 500 ft. above valley, course N. 12° E. and S. 12° W.
67.50 Enter not dense aspens.
71.25 Leave " " " .
78.75 The cor. to secs. 14, 15, 22 and 23.
Land mountainous 78.75 chs.
Soil stony and rocky, 3rd. and 4th. rates
Some aspen timber on 5.75 chs.
Brush not very dense along line.
September 11. 1894

North between secs. 14 and 15.
Va. 16°39' E.

Descend through scattering aspen grove -
1.10 Leave aspens.
12.00 enter more gradual descent.
20.50 small ravine, dry, drains W. Enter level valley bench.
40.00 No trace of old 1/4 cor. Set a sandstone, 14x12x5 ins. ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. co. and raised a mound of stone, 1½ ft. hig., 2 base, alongside. Pits impracticable.
44.34 Intersect Boundary line between Utah Ter. and Wyoming State, west 10.16 chs. from the 366 mile

Resurvey Subdivisions T. 3 N. R. 8. E.

chs.

corner, on said Boundary line, which is a mound of earth, well defined midway between 2 pits E and W. and each 6 ft. dist. from mound centre. The marked post & charred block are destroyed and obliterated.

Set a gray sandstone, 14×14×7 ins. 9 ins. in the ground, for closing cor. to secs. 14 and 15, marked 4 grooves and 6. 6. on S. and 2 grooves on E. faces, and raised a mound of stone, 1½ ft. hi, 2 ft. base, alongside. Pits impracticable.

Land first 20.50 chs. mountainous.
" last 23.84 " valley bench.

Soil stony and gravelly, 3rd. & 2nd. rate.
Some scattering aspens on first 1.10 chs.
Brush not dense along line.

September 11. 1894.

From the established cor. to secs. 15. 16. 21 & 22, which is a gray sandstone, 16×8×6 ins. (or 15×6×6 ins. as per records) firmly in ground and marked 3 notches on S. and E. edges, alongside of which I raised a mound of stone, 1½ ft. high, 2 ft. base.

Thence I run—

East on a random line between secs. 15 and 22.
Va. 16° 43' E.

40.00 Set temporary ¼ sec. cor.
79.70 Intersect W. and S. line 70 lks. N. of cor. to secs 14. 15. 22 and 23.

Thence I run

N. 89° 30' W. on a true line between secs. 15 & 22.
Va. 16° 42' E.

Descend quickly.
12.20 Descent more gradual.
21.42 Old road course N. 15° W. and S. 15° E.
28.70 Enter Chalk Creek hollow or bottom, grassy.
29.05 Bend in Chalk creek, 20 lks. wide, runs N. heads N. of W.
30.65 Chalk creek, 8 lks. wide, runs NW. Some willows along creek.

Resurvey Subdivisions T. 3. N. R. 8. E.

32.20 Leave scattering willows and bottom or hollow.
33.1 Graveled road from Coalville to Bear river, course NW. and SE.
33.75 Creek, 8 lks. wide, runs N.
34.27 Road, course N. and S. about 4 chs. north joins last road.
39.35 Ascend gradually on lighter valley land.
39.85 Old 1/4 sec. cor. which is a sandstone, 15x6x6 ins. 10 ins. in the ground, marked 1/4 on N. face, and raised a mound of stone, 1½ ft. high, 2 ft. base, alongside. Pits impracticable. Corner gives with Description in U.S. Surveyor General's Office.
79.70 The cor. to secs. 15. 16. 21. and 22.

Land mountainous first 28.70 chs.
Soil 2nd. and 3rd. rate, stony and gravelly.
Land valley bench-level - last 51.00 chs.
Soil 2nd. rate, stony and gravelly -
No timber -

North between secs. 15 and 16.
Va. 16°40' E.

Descent very gradual and nearly level - valley bench -
26.00 Enter grassy hollow or bottom, drains NE.
27.90 Dry creek or wash in hollow, 5 lks. wide, 3 ft. deep, drains NE.
27.9 Same dry creek or wash, drains NW.
29.50 " " " " N. 50° E.
30.16 Leave hollow. Ascend gradually.
40.00 Old 1/4 sec. cor. which is a gray sandstone, 16 x x 4 ins. 10 ins. in the ground, marked 1/4 on W. face, and alongside of which I raised a mound stone, 1½ ft. high, 2 ft. base. Pits impracticable.
43.81 Intersect Boundary line between Utah Ter. and Wyoming State, west 9.91 chs. from the 36 Mile corner on said Boundary, the earth mound pits of which being still distinguishable, post and charred block, destroyed and Set a sandstone, 12x10x8 ins. 8 ins. in the

Resurvey Subdivisions T. 3. N. R. 8. E.

S

ground, for closing cor. to secs. 15 and 16, and marked with 4 grooves and 6.6. on S. and 3 grooves on E. faces, and raised a mound of stone, 1½ ft. high, 2 ft. base, alongside. Pits impracticable.
This closing cor. is 1.04 chs. west of road, course N. 59° W. and S. 59° E.
Land valley bench.
Soil stony and gravelly, 2nd. rate.
Noturber.
Not dense brush along line.
September 10. 1894.

From the cor. to secs. 16. 17. 20 and 21. is a gray sandstone, 16×8×5 ins. marked 1 notches on E. and 3 notches on S. edges, alongside of which I raised a mound of stone, 1½ ft. high, 2 ft. base. Pits impracticable.
Thence I run
East on a random line between secs. 16 and 21
Va. 16° 42' E.

40.00 it temporary 1/4 sec. cor.
79.90 Intersect N. and S. line 103 lks. N. of the cor. to secs. 15. 16. 21 and 22.
Thence I run
N. 89° 16' W. on a true line between secs. 16 and 21.
Va. 16° 43' E.
ver almost level valley bench land.
14.40 Leave " " " " " Descend.
18.60 Dry creek, in hollow, 7 lks. wide, 4 ft. deep, trains N.E. Ascend.
31.90 Ascent gradual.
39.95 Fd 1/4 sec. cor. a gray sandstone, 14×8×6 ins. ins. in the ground, marked 1/4 on N. face, agreeing with the description in the U.S. Surveyor General's Office, alongside of which cor. raised a mound of stone, 1½ ft. high, 2 ft. base. Pits impracticable.
67.40 Descent quicker towards Chalk Creek. Leave higher and valley bench land.

Resurvey Subdivisions T. 3 N. R. 8 E.

79.90 The cor. to secs. 16. 17. 20 and 21.
Land, valley bench land.
Soil 2nd. and 3rd rates. stony and gravelly.
No timber.
Brush not dense along line -

For running north between secs. 16 and 17, on a blank line, at 39.81 chs. I find the 1/4 sec. cor. to be 53.5 lks. to E. of line and at 79.62 chs. I find the cor. to secs. 8. 9. 16 and 17 to be 107 lks. to E. of line - I therefore resurvey the line, as follows.
N. 0° 46' E. between secs. 16 and 17.
Va. 16° 43' E.

Ascend -
8.62 Top of broad and low ridge, about 175 ft. high. Course E and W. Descend.
24.12 Hollow, about 175 ft. below ridge, drains W. Ascend
39.81 Old 1/4 sec. cor. a gray sandstone, 14 x 8 x 5 ins. 9 ins. in the ground, properly marked with 1/4 on W. face, agreeing with description in the U.S. Surveyor General's Office, alongside of which I raised a cairn of stone, 1½ ft. high, 2 ft. base. Pits impractic-able
68.82 Enter willows and grassy bottom of Chalk Cr.
72.95 Leave "
73.07 Chalk Creek, 25 lks. wide, runs SW. Some few willows along cr.
74.82 Railway grade embankment, course NE. and SW. also wagon road on grade. No track as yet laid.
5.77 Wagon road, Course NE. and SW. Leave bottom. Ascend.
9.63 The cor. to secs. 8. 9. 16 and 17, which is a blue limestone, 20 x 8 x 4 ins. 15 ins. in the ground, - only marked, agreeing with description in U.S. Surveyor General's Office, alongside of which I raised a mound of stone, 1½ ft. high, 2 ft. base. Pits im-practicable.
Land rolling. 79.63 chs.
Soil 2nd. and 3rd. rates, stony -
No timber.
Willows on 4.13 chs. and along Chalk Creek.

Resurvey Subdivisions T. 3. N. R. 8. E.

Chs.	
	As my random line east from the cor. to secs. 8. 9. 16 and 17. intersects the 1/4 sec. line at 39.81 chs. but 23 lks. N. of the 1/4 sec. cor. I accordingly, run - S. 87° 40' E. on a true line between secs. 9 and 16. Va. 16° 41' E.
3.92	Old wagon road, course N. 67° E. and S. 67° W. Enter grassy creek bottom.
6.62	Center Railway grade embankment, course NE. and SW. also wagon road. course NE. and SW. on top of grade.
11.22	Chalk Creek, 20 lks. wide, runs SW. Some willows along Cr.
13.69	" " " " " NW.
14.85	" " " " " S.
15.60	" " " " " NW.
16.49	" " " " " SW.
18.47	" " " " " N.
22.62	" " " " " SW.
24.62	Leave willows.
25.42	Leave Creek bottom.
27.12	Junction of roads about 2.50 chs. to N.
39.81	Old 1/4 sec. cor. which is a gray sandstone, 14 x 9 x 4 ins. 9 ins. in the ground, marked 1/4 on N. face, agreeing with description in the U. S. Surveyor General's Office, and alongside of which I raised a mound of stone. 1 1/2 ft. high. 2 ft. base. Pits impracticable.
40.61	Intersect Boundary line between Utah Ter. and Wyoming State, north 36.90 chs. from the Initial monument at angle in said Boundary, which is a red sandstone shaft. 14 ins. sq. 3 ft. high. properly marked, as per records, in conical mound of stone and earth. 12 ft. in diam. 3 ft. high. Pits almost obliterated. Set a sandstone, 13 x 10 x 5 ins. 9 ins. in the ground for closing cor. to secs. 9 and 16, marked with 4 grooves S. 3 grooves E. and 6.6. on W. faces, and raised a mound of stone. 1 1/2 ft. high, 2 ft. base alongside. Pits impracticable.
	This closing cor. is 0.36 chs. S. of road, course N. 85 W.
	" " " " 9.00 " " " " " NE & S

Resurvey T. 3. N. R. 8. E. Subdivisions

his closing cor. is 14.78 chs. S. of Railway grade embankment, course N. 56° E. and S. 56° W.

Land rolling.

Soil stony and gravelly, 2nd. and 3rd. rates.

No timber.

Brush, not dense, along line.

Some willows along Chalk Creek.

Sept. 9. 1894.

ote - In order to test the adjustments of my instrument and bearing of my line, September 9. 1894. - 12 o-clock, mean local time, and at point 3.70 chs. N. 89°40' W. from 1/4 sec. cor. and on line between secs. 9 & 16. I observed Polaris, the Magnetic bearing of which was N. 15°6' W.

Latitude of place of observation	41°00' N.
Longitude " " "	111° 01' W.
G. Polaris September 8. 1894.	14 hr. 07.2 min
time of observation Sept 9. 1894 -	7 hr. 12 min.
hour angle of Polaris	17 hr. 4.7 min
Azimuth E.	1° 37 E
North end of needle	15° 6' E.
Variation	16° 43' E.

Angle deflected from star to my line running N. 89° 0' W. 91°17' to left or to West, the instrument being perfectly leveled.

running north on a blank line between secs. 8 and 9. I find at 40 chs. the old 1/4 sec. cor. bears 28 lks. to E of line, and at 80 chs. could not find any trace of old sec. cor. I, accordingly, re-survey the line, as follows.

N. 0° 24' E. between secs. 8 and 9.

Va. 16° 44' E.

	ascend gradually.
4.00	and more quickly.
13.50	Top of spur of ridge, about 150 ft. above Chalk Cr.
	uses N. 71° E. Descend gradually over rolling l.
34.14	meet and follow ravine and Creek. 2 lks. wide, does

Resurvey Subdivisions T. 3. N. R. 8. E.

chs.

not run at all seasons, runs S. 86° E. about 225 ft. below ridge. Ascend.

40.00 Old 1/4 sec. cor. a gray sandstone, 16×8×5 ins. 10 ins. in the ground, properly marked, agreeing with description in the U.S. Surveyor General's Office, along side of which I raised a mound of stone, 1 1/2 ft. high, 2 ft. base. Pits impracticable.

[illegible] Enter broad top of ridge, course E. and W. about 225 ft. above Creek.

[illegible] Leave broad top of ridge - descending very gradually to E. in direction of drainage.

[illegible] No trace of old cor. after diligent search - Set a quartzite 13×8×6 ins. 9 ins. in the ground, for cor. to secs. 4, 5, 8 and 9, marked with 5 notches on S. and 4 notches on E. edges, and raised a mound of stone, 1 1/2 ft. high, 2 ft. base, alongside. Pits impracticable.

Land rolling 80 chs.

Soil stony, 2nd. and 3rd. rate.

No timber.

Brush not dense along line.

September 9. 1894.

Not being able to find the 1/4 sec. cor. between secs. 4 and 9, or the cor. to secs. 3, 4, 9 and 10, originally set before Boundary between Utah and Wyoming was established, I run

N. 89° 49' E. on a true line between secs. 4 and 9

Va. 16° 42' E.

Descend gradually, rolling land.

[illegible] Shallow and dry ravine, drains NE.

[illegible] (Distance as per records of original Survey) Set a sandstone 14×10×9 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 va N. face, and raised a mound of stone, 1 1/2 ft. high, 2 ft. base, alongside. Pits impracticable. No trace of old cor.

40.22 Intersect Boundary line between Wyoming State and Utah Territory, North 37.52 chs. from the One Mile cor. on said Boundary, which was evidenced only by two pits, standing N. and S. about 12 ft. apart and traces of mound of earth between them. The original p. and charred block are destroyed and obliterated.

Resurvey Subdivisions T. 2 N. R. 8. E.

Set a sandstone, 18x6x6 ins. 12 ins. in the ground, for closing cor. to secs. 4 and 9. marked with 5 grooves on S. and 3 grooves on E. also 6.6. on W. faces, and raised a mound of stone, 1½ ft. high, 2 ft. base, alongside. Pits impracticable.

Land rolling 40.22 chs.

Soil 2nd. and 3rd. rates, stony.

Timber

Brush, not dense along line.

Having in the Survey of the North Boundary of the Tp. along Sec. 4. found it necessary to reestablish the cor. to secs. 4. 5. 32 and 33. which I did at point N. 0° 11' E. 80.29 chs. from the cor. to secs. 4. 5. 8 and 9. as set by me. (the course and distance corresponding with records) - I, accordingly, run

N. 0° 11' E. on a true line between secs. 4 and 5

Sa. 16° 43' E.

Descend gradually -

7.50 Shallow ravine and creek. 2 lks. wide. does not run at all seasons, runs E. about 200 ft. below ridge

Ascend.

1.50 Enter broad and level top of ridge. Course E. and W.

38.50 Leave " " " " " " " " "

Descend gradually.

Set a gray sandstone, 16x8x5 ins. 10 ins. in the ground, for ¼ sec. cor. marked ¼ on W. face, and raised a mound of stone, 1½ ft. high, 2 ft. base, alongside. Pits impracticable. No trace of old ¼ sec. cor.

49.60 Small ravine and creek. 2 lks. wide, runs N. 86° E. about 125 ft. below ridge.

62.84 Enter broad and level top of ridge. Course E. and W. about 125 ft. above creek.

5.84 Leave broad and level top of ridge. Descend gradually.

80.29 Intersect N. Boundary of the Tp. at cor. to secs. 4. 5. 32 & 33.

Land mountainous 80.29 chs.

Soil stony and rocky, 3rd. and 2nd. rates

Timber.

Brush not dense along line

September 10. 1894.

Resurvey Subdivisions T. 3. N. R. 8. E.

General Description.

The portion of this Tp. resurveyed by me comprises only those sections bordering on the Utah and Wyoming Boundary line, which sections contain high rolling grass lands, over which sheep and stock are constantly driven.

There is very little timber of any kind in the Tp. as surveyed under this contract, nor are there any indications of mineral or coal.

Chalk Creek, which rises not far southeasterly o this Tp. survey, passes through the Tp. and, which at present is large, owing to the recent rainfalls, is said to run almost dry thru certain seasons. It is a tributary to Weber river, which flows into Great Salt Lake.

There is land all along Chalk Creek, but of no extent, that would be cultivated, but the altitude the locality and short seasons are not favorable therefor. Grazing is good in the Tp. especially in Secs. 4 and 9.

The mean declination for the plat, the average of 2 observations in the Tp. is 16° 42' 30"

A railway grade embankment, on which the track has never been laid, passes through Sec. 16. It is said to have been constructed by Messrs Fulton and Bates, but work thereon has been discontinued for some time.

There are no settlers in the Tp. nor are there any stone quarries.

Robert Gorlinski.
U. S. Dep. Surveyor.

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List of Names.

A list of the names of the individuals employed by Robert Kerlinske, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the Gunds Meridian between Secs. 13 and 18. T. 3 N. between R's 8 and 9 E. North Boundary Sec. 4. T. 3 N. R. 8 E. and E. Bdy Sec. 13. T. 3 N. R. 9 E. and R. 10 E. and subdivision lines surrounding all Sections bordering on the Utah and Wyoming Boundary in T. 3 N. R's. 8, 9 and 10 E.

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

Conrad Rockel Chainman
John Meade Chainman
George N. Davis Flagman
Alexander Robison Axeman.

Final Oath of Assistants:

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

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

SEAL

6—151

BOOK A-237

Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the....., as are represented in
going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear
the corners of said survey have been established and perpetuated in strict accordance with the surveying
printed instructions, the special written instructions of the U. S. Surveyor General for.....
and in the specific manner described in the field notes, and that the foregoing are the true field notes of suc
and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of
approved August 8, 1846.

.....
U. S. Deputy Su

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

SEAL

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City, Utah Nov. 27, 18

The foregoing field notes of the re survey of the Subdivisions of Township 3 North Range 8 East of the Salt Lake Base & Meridian

Robert Gorlinski

e.

under his Contract No. 189, dated February 9th, 1893 having bee
examined, the necessary corrections and explanations made, the said field notes, and the surveys they de
hereby approved.

G

.....
U. S. Surveyor
for

I certify that the foregoing transcript of the field notes of the above-described surveys in T. 3 S. L. B. & M., has been correctly copied from the or' inal notes on file in this office.

.....
U. S. Surveyor
for

6—151

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567
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(4—679.)

BOOK A-237

FIELD NOTES

OF THE Re SURVEY OF

North Boundary T. 3 N. R. 8 E. Sec. 4.

Of the Salt Lake Meridian,

Utah Territory

AS SURVEYED BY

Robert Gorlinski, U. S. Deputy Surveyor,

under his Contract No. 189, dated February 9th 1893.

Survey commenced September 10th, 1894

Survey completed " " , 1894

(12603—2,000.)

40.00 x

38.89 x

Names and Duties of Assistants.

Conrad Rock	Chainman
John Meade	Chainman
George M. Davis	Flagman
Alexander Robson	Axeman.

BOOK A-237

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

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Meanders Page .....

Preliminary Oaths of Assistants.

WE, _____

_____

_____

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

_____

_____

_____

_____

_____, *Chain*

_____, *Chain*

_____, *Chain*

_____, *Chain*

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

_____

_____

WE, _____

_____

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

_____

_____

_____

_____

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

_____, *Ax*

_____, *Ax*

_____

_____

_____

Resurvey North Boundary T. 3. N. R. 8. E.

chs.

Survey commenced Sept. 10. 1894. with a Burt's solar compass in perfect adjustment.
The distances were measured with a 50 lk. steel chain, brazed links.
Both instrument and chain were previously examined in the U.S. Surveyor General's Office and recorded in said Office.

In my search for the cor. to secs. 4. 5. 32 and 33, which I could not find, after considerable retracements, and, not finding any of the corners E. or W. thereof as far as Tp. cor. to Tps. 3 and 4 N. Rs. 7 and 8 E. which I also could not find and this, too, after retracing thereto, I concluded to reestablish same at a point N. 0°11' E. 80.29 chs. from the cor. to secs. 4. 5. 8 and 9, set and reestablished by me under this contract, in the Resurvey of subdivisions of this Tp. Said course and distance being the same as on record in the U.S. Surveyor General's Office of the survey of the line between secs. 4 and 5.
At said point I, accordingly, set a sandstone, 17 x 12 x 4 ins. 10 ins. in the ground, for cor. to secs. 4. 5. 32 and 33, marked with 4 notches on E. and 2 notches on W. edges, and raised a mound of stone, 1½ ft. high, 2 ft. base, alongside. Pits impracticable. I again search for old cor. and could find no traces thereof.
Thence I run —
East between secs. 4 and 33,
Va. 16°43' E.

Descend.

1.40 Enter grassy ravine, drains SE. about 40 ft. lower than cor.
3.00 Leave grassy ravine, drains SE. Ascend.
18.00 Descent gradual.
40.00 Intersect Boundary line between Utah Territory Wyoming State. North 38.89 chs. from the Two Mile Corner, on said Boundary, which is evidenced by only 2 pits, standing N. and about 12 apart with indications earth

Resurvey North Boundary T. 3. N. R. 8. E.

mound midway between pits. Post and charred block are destroyed & obliterated.

Set a sandstone. 14×9×5 ins. 9 ins. in the ground, for closing cor. to secs. 4. and 33, and also 1/4 sec. cor. this being the point where said 1/4 sec. cor. falls, but which old 1/4 sec. cor. I could not find.

Marked the corner C.C. on W. face. 3 grooves on E. and W. faces and 1/4 on N. faces, and raised a mound of stone, 1½ ft. high. 2 ft. base on W. side of corner. Pits impracticable.

Land; mountainous 40 chs.

Soil stony. 3rd and 2nd rates.

No timber.

Brush not dense, along line.

Sept. 10. 1894.

Note:- In running the North Boundary of this Tp. as already stated, I used a Burt's Solar compass, the adjustments of which I tested by an observation on Polaris, at point N. 89°40' W. 13.70 chs. from the 1/4 sec. cor. between secs. 9 and 16. T. 3. N. R. 8. E. which I have reported in the Resurvey of the Subdivisions of said Tp. Said observation was taken Sept. 9. 1894. a day previous to this survey, and from the Meridian thus determined at said point I ran between secs. 9 and 16, 8 and 9, and 4 and 5, by angles carefully deflected, and prolonging lines by 2 backsights and 2 foresights, until reaching the North Boundary where I deflected angle left 90°11' from line between secs. 4 and 5, to my line on N. Bdy.

General Description

For General Description see Subdivisional notes of this Tp. as resurveyed by me under this Contract.

Robert Gorlinski,
U. S. Dep. Surveyor.

List of Names.

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

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

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.....Meridian, in ...., showing the respective capacities in which they acted:

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Final Oath of Assistants:

We hereby certify that we assisted .....

....., U. S. Deputy Surveyor, in surveying all those parts or portions of the .....

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

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

SEAL

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6—161

Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the ....., as are represented in the going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear tha the corners of said survey have been established and perpetuated in strict accordance with the surveying ma printed instructions, the special written instructions of the U. S. Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such su and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Con approved August 8, 1846.

.....
U. S. Deputy Surve

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

SEAL

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Approval.

Office of the U. S. Surveyor General,
Salt Lake City, Utah Nov. 27/89

The foregoing field notes of the survey of the North Boundary of T. Ship 3 North Range 8 East of the Salt Base & Meridian

..... exec

Robert Gorlinski

under his Contract No. 189, dated February 9th, 1893 having been c examined, the necessary corrections and explanations made, the said field notes, and the surveys they descr hereby approved.

.....
U. S. Surveyor G
for

I certify that the foregoing transcript of the field notes of the above-described surveys in T. 3 N. S. L. B. & M., has been correctly copied from t riginal notes on file in this office.

.....
U. S. Surveyor G
for

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BOOK A-237

FIELD NOTES

Ko 3.B.

OF THE RE SURVEY OF

Guide Meridian between secs. 13 and 18
Township No. 3. North.
between Ranges 8 and 9 East.

Of the Salt Lake Meridian,

Utah Territory

AS SURVEYED BY

Robert Gorlinski, U. S. Deputy Surveyor,

under his Contract No. 189, dated February 9th. 1893.

Survey commenced September 13th., 1894

Survey completed " " , 1894

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BOOK A-237

Names and Duties of Assistants.

Conrad Rock	Chainman
John Meade	Chainman
George W. Davis	Flagman
Alexander Robson	Axeman

BOOK A-237

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, _____

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

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_____, *Chainm*

_____, *Chainm*

_____, *Chainm*

_____, *Chainm*

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

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WE, _____

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

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

_____, *Axe*

_____, *Axe*

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BOOK A-237

Resurvey Guide Meridian between Secs. 13 & 18 T. 3 N. bet. Rs. 8 & 9 E.

In this survey I used the same Burt's Solar compass and 50 lk. steel chain as in the Survey of the North Boundary of this Tp. along Sec. 4.

Survey commenced September 13. 1894.

From the old cor. to secs. 13. 18. 19 and 24. on Guide Meridian and East Boundary of the Tp. which is a red sandstone, 16 x 9 x 6 ins. (the size of sandstone is the same as per records) distinctly and properly marked, with 3 notches on N. and S. edges, 10 ins. in the ground, and alongside of which I raised a mound of stone, 1½ ft. high, 2 ft. base. Pits impracticable.

Thence I run -

North between secs. 13 and 18.

Va. 16°42' E.

Ascend.

5.92 Ascent very gradual.

6.92 Descent very gradual and almost level land.

40.00 Old ¼ sec. cor. corresponding with description in the U. S. Surveyor General's Office, to wit, a gray sandstone, 18 x 8 x 5 ins. 12 ins. in the ground, marked with ¼ on W. face, and alongside of which I raised a mound of stone. 1½ ft. high, 2 ft. base. Pits impracticable. Aspen grove bears S. of W. about 10 chs. dist.

44.60 Intersect Boundary line between Utah Territory and Wyoming State, west 10.29 chs. from the 364 Mile Cor. on said Boundary, which is a st, 4 ins. sq. 5½ ft. long, fallen down, and perly and distinctly marked, according to records. Pits, earth mound and charred block obliterated. I erected the post in a mound stones.

Set a sandstone, 13 x 11 x 5 ins. 8 ins. in u round, for closing cor. to secs. 13 and 18, marked with 4 grooves on S. and 2 grooves N. faces, and C.C. on S. face, and raised a mound of stone, 1½ ft. high, 2 ft. base, alongs. Pits impracticable.

Land mountainous 44.60 chs.

Soil st, 2nd & 3rd rates.

Resurvey Guide Meridian between Secs. 13 & 18. T. 3 N. between Rs. 8 & 9.

Ans. No timber
Brush not dense along line
September 13, 1894.

Note:- In order to test the adjustments of my instrument and the bearing of my line I. 1/4 sec. cor. bet. secs. 13 and 18. above described. in Latitude 41° N. and at 4.30 P.M. mean solar time, observed the altitude of the sun which was 14° September 13, 1894. which. less refraction 3'4" gives the true altitude 13° '19"

From these data I find the sun's azimuth to be S. 82°25' W. or true bearing thereto.
From the sun I turn angle 82°25' to the left to a point and to my line running south between secs. 13 & 18. the magnetic bearing which was S. 16°42' E. Va. 16°42' E.

General Description
For General Description see Subdivisional notes in Tp. as resurveyed by me under this Contract.

Robert Gorlinski.
U. S. Dep. Surveyor.

List of Names.

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

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

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.....Meridian, in ...., showing the respective capacities in which they acted:

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Final Oath of Assistants:

We hereby certify that we assisted .....

....., U. S. Deputy Surveyor, in surveying all those parts or portions of the .....

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

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

SEAL

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Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the....., as are represented in the going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear tha the corners of said survey have been established and perpetuated in strict accordance with the surveying ma printed instructions, the special written instructions of the U. S. Surveyor General for..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such sur and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Con approved August 8, 1846.

.....
U. S. Deputy Survey

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

SEAL

.....

Approval.

Office of the U. S. Surveyor General,

Salt Lake City, Utah Nov. 27, 1895.

The foregoing field notes of the survey of the Guide Meridian I 3 North between Ranges 8 & 9 East of the S Lake Base & Meridian Utah

..... execu

Robert Gorlinski

under his Contract No. 189, dated February 9th, 1893 having been cri examined, the necessary corrections and explanations made, the said field notes, and the surveys they describ hereby approved.

George W Snow
U. S. Surveyor Gen
for

I certify that the foregoing transcript of the field notes of the above-described surveys in I. 3 N. R. E. S. L. B. & M., has been correctly copied from the original notes on file in this office.

Geo
U. S. Surveyor Gene
for

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BOOK A-237

FIELD NOTES

OF THE SURVEY OF

East Boundary T. 3 N. R. 9 E.

of the Salt Lake Base and

Of the Salt Lake Meridian,

Utah Territory

AS SURVEYED BY

Robert Gorlinorski, U. S. Deputy Surveyor,

Under his Contract No. 189, dated February 9th. 1893

Srvey commenced September 17th., 1894

Srvey completed September 17th., 1894

BOOK A-237

Names and Duties of Assistants.

Conrad Rock Chainman

John Meade Chainman

George W. Davis Flagman

Alexander Robson Axeman.

BOOK A-237

INDEX DIAGRAM.

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31	32	33	34	35	36

Meanders Page .....

Preliminary Oaths of Assistants.

We, ...

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

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....., *Chainm*

....., *Chainm*

....., *Chainm*

....., *Chainm*

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

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We, ...

.....

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

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

....., *Axen*

....., *Axen*

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Resurvey E. Boundary T. 3. N. R. 9. E.

Survey commenced Sept. 17. 1894. with a Burt's Solar compass, in perfect adjustment. The distances were measured with a 50 lk. steel chain, brazed links.
Both instrument and chain were previously examined in the U.S. Surveyor General's Office, and correct as well as entered upon the book record of surveying instruments in said Office.
Previous to commencing this survey I again compared my chain with the Standard Kept by me in the field, corresponding with the official standard, and found it to be correct.

Note - As, under this Contract, it is required me to resurvey only so much of the Townships designated therein, that is considered necessary for the proper adjustment thereof onto the late Boundary, and, accordingly, finding that the 1/4 sec. cor. between secs. 13 and 18 (which is cottonwood post, 48 x 3 x 3 ins. and marked lainly 1/4 S. on W. face, firmly in ground and standing) corresponds with records, I commence my resurvey of said E. Boundary of T. 3. N. R. E. at the said 1/4 sec. cor. between secs. 13 & 18.

From the 1/4 sec. cor. on E. Boundary of the Tp. and between secs. 13 and 18, last described, and around ich I raised a mound of stone, 1 1/2 ft. high, 2 ft. se. Pits impracticable.
Thence I run -
North between secs. 13 and 18.
Va. 16°42' E.

Over level valley land. Soil stony.
3.61 Intersect Boundary line between Utah Territory and Wyoming State 10.30 chs. West of the 358th mile corner on said Boundary, which is evidenced by a post, 5 ft. long, 4 ins. sq. fallen down at a mound of earth midway between 2 pits E. and W. each other. Post is marked according to records.
Set a sand stone, 12 x 10 x 7 ins. 8 ins. in the ground & clos cor. to secs. 13 and 18. marked with 4

Resurvey E. Boundary T. 3 N. R. 9 E.

grooves on S. and 2 grooves on N. also C. C. on S. ce, and raised a mound of stone, 1½ ft. high, 2 ft. base, alongside. Pits impracticable.

Land level valley, 3.61 chs.

Soil stony and rocky. Good pasture.

No timber.

Brush not dense along line.

September 17. 1894.

In order to test the adjustment of my instrument bearing of my line, at closing cor. to secs. 13 and 18. last described, in Latitude 41° N. Longitude 110° 49' W. and on Sept. 24. 1894. 7.25 P. M. mean solar time, I observed Polaris the Magnetic bearing of which was N. 15° 02' W.

U. C. Polaris Sept. 23. 1894.	13h. 8.5 min
Time of observation Sept 24. 1894.	7h. 25 min.
Hour angle of Polaris	18h 16.5 min
Azimuth of star E.	1° 41' E
North end of needle	15° 02' E.
Variation	16° 43' E.

Angle deflected from line of star, after turning 180°. to S. = 1° 41' to left or to East and to my line.

For General Description see Subdivisional notes of T. 3 N. Rs. 9 and 10 E. returned by me under this Contract.

Robert Gorlinski.
U. S. Dep. Surveyor.

List of Names.

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

....., U. S. Deputy Surveyor, to assist in running, measuring, and
arking the lines and corners described in the foregoing field notes of the survey of the .....

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.....Meridian, in ...., showing
respective capacities in which they acted:

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Final Oath of Assistants:

We hereby certify that we assisted .....

....., U. S. Deputy Surveyor, in surveying all
ese parts or portions of the.....

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.....Meridian, ..., as are represented in the
egoing field notes as having been surveyed by him and under his direction; and that said survey has been in all
pects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established,
rding to the instructions furnished by the U. S. Surveyor General for .....

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

SEAL

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6—161

Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the....., as are represented in th going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear t the corners of said survey have been established and perpetuated in strict accordance with the surveying r printed instructions, the special written instructions of the U. S. Surveyor General for..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of C approved August 8, 1846.

.....
U. S. Deputy Su

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

SEAL

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Approval.

Office of the U. S. Surveyor General,

Salt Lake City Utah Nov. 27, 189

The foregoing field notes of the survey of the East Boundary of Township 3 North Range 9 East of the Salt Lake Base & Meridian Utah

..... ex

Robert Gorlinski

under his Contract No. 189, dated Febru ....., 1893, having been examined, the necessary corrections and explanations made, th ... n es, and the surveys they desc hereby approved.

.....
U. S. Surveyor G
for

I certify that the foregoing transcript of the field notes of the above-described surveys in T. 3 N. S. L. B. & M., has been correctly copied from th ginal notes on file in this office.

.....
U. S. Surveyor G
for

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BOOK A-237

No. 3. B.

FIELD NOTES

OF THE SURVEY OF

Subdivisions of
T. 3 N. R. 9 East

of the Salt Lake Base Line and of

Of the Salt Lake Meridian,

Utah Territory

AS SURVEYED BY

Robert Gorlinski, U. S. Deputy Surveyor,

Under his Contract No. 189, dated February 9th. 1893.

Survey commenced September 14th. 1894

Survey completed September 18th. 1894

Names and Duties of Assistants.

Conrad Rock. Examiner

John Meade Examiner

George N. Davis Flagman

Alexander Robson Axeman

BOOK A-237

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Meanders Page ....

Preliminary Oaths of Assistants.

We, _____

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

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_____, *Chain*

_____, *Chain*

_____, *Chain*

_____, *Chain*

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

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We, _____

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

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

_____, *Ax*

_____, *Ax*

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Resurvey Subdivisions T. 3. N. R. 9. E.

S.

Survey commenced September 14. 1894. w/ a Burt's solar compass in perfect adjustment.

The distances were measured with a 50 lk. steel chain brazed links.

Both instrument and chain were previously examined in the U. S. Surveyor General's Office, and entered upon u records of said office.

From the old cor. to secs. 13. 14. 23 and 24, which is a sandstone, 14 × 8 × 6 ins. 9 ins. in the ground marked 3 notches on S. and 1 notch on E. edges, corresponding with description in the U. S. Surveyor General's Office, alongside of which I raised a m of stone, 1½ ft. high, 2 ft. base. Pi impracticable.

Thence I run -

North between secs. 13 and 14.

Va. 16°43' E.

Ascend.

9.20 Top of ridge, W of N. and E. of S.

20.00 " " " E of N. and W. of S.

27.41 Head of gulch, drains N. about 3 chs. to W. of line.

40.00 Old ¼ sec. cor. a gray sandstone, 14 × 8 × 4 ins. 9 ins. in the ground, properly marked with ¼ on W. side or face, agreeing with description in the U. S. Surveyor General's Office, and raised a mound of stone, 1½ ft. high, 2 ft. base alongside. Pits impracticable.

43.2 Intersect Boundaryline between Utah Territory and Wyoming State, 8.29 chs. W. the 359th. Mile Cor. on said Boundary, which is a post, of the size and marks, corresponding with records. but pits almos obliterated, yet indications of earth mound are st visible. Charred block also one.

Resurvey Subdivisions T. 3. N. R. 9. E.

Set a sandstone, 14 x 14 x 4 ins. 9 ins. in the ground, for closing cor. to secs. 3 and 14, marked with 4 grooves on N. and 1 groove on E. and C.C. on S. secs., and raised a mound of stone 1½ ft. high, 2 ft. base, alongside. Pits impracticable.

Land high, mountainous
Soil stony, 3rd rate.
No timber.
Not dense brush along line
September 15, 1894.

Note:
The line between sections 13 and 24, which is designated in the resurveys of this Tp. and Contract, I did not run, as I believed it not necessary so to do, in order to close the surveys of this Tp. onto the Boundary line between Utah and Wyoming; the Contract requiring the resurveys, thereof all specified therein, to be made only so far as is considered necessary to close them properly onto the Boundary line between Utah and Wyoming, and, as I found the corner, corresponding with description in the U.S. Surveyor General's Office (that is cor. to secs. 13, 14, 23 & 24) requiring no further examination as to the identity of its position when original set, I did not resurvey the line east therefrom.

Resurvey Subdivisions T. 3. N. R. 9. E.

From cor. to secs. 14. 15. 22 and 23. which is a gray sandstone. 20×12×3 ins. 15 ins. in the ground. marked with 3 notches on S. and 2 notches on E. edges, and raised a mound of stone, 1/2 ft. high, 2 ft. base, alongside. Corner corresponds with description in the U. S. Surveyor General's Office
From cor. point
aspen, 3 ins. diam. bears N. 77°16' W. 220 lks. dist. ed T. 3. N. R. 9. E. S. 15. B. T.
aspen, 2 ins. diam. bears S. 87° W. 220 lks. dist. marked T. 3. N. R. 9. E. S. 22. B. T.
other bearing objects within limits in other secs.
Thence I run
East on a random line between secs. 14 and 23.
Va. 16°43' E.

40.00 Set temporary 1/4 sec. cor.
0.21 tersect N. and S. line. 42 lks. N. of cor. to secs. 14. 13. 24 and 23.
Thence I run -
N. 89°42' W. on a true line between secs. 14 and 23.
Va. 16°43' E.

Descend.
13.21 Enter creek bottom.
13.71 Creek, 2 lks. wide, runs N. about 50 ft. below ridge.
17.21 Leave creek bottom.
20.75 Road to Bear river. Course N. 63° W. and S. 63° E.
21.71 Top of ridge, about 350 ft. high. Course N and S.
40.49 Old 1/4 sec. cor. a gray sandstone, 14×12×8 ins. bears 10 lks. to N. of line - Corner is 9 ins. in the ground. marked 1/4 on N. face, alongside of which I raised a mound of stone, 1 1/2 ft. high, 2 ft. base. Pits impracticable - Therefore true course from sec. cor. to 1/4 sec. cor. is N. 89°33'
From cor. point -
An aspen, 2 ins. diam. bears N. 64°45' E. 135 lks. marked 1/4 S. B. T.
aspen, 2 ins. diam. bears N. 60°35' E. 189 lks. arked 1/4 S. B. T. Thence I run N. 89°51' W.
61.21 Descend less quick towards creek.
61.66 Cedar creek, 3 lks. wide, runs N. 30° W. about 350 below ridge. Enter aspens.
66.21 Leave as in timber.

Resurvey Subdivisions T. 3. N. R. 9. E.

67.31 Road N.W. and S.E.
69.00 Enter aspens.
69.2 Leave aspens.
1.71 Enter aspens.
2.01 Leave aspens.
— 80.21 The cor. to secs. 15. 14. 23 and 22.

Land mountainous 80.21 chs.
Soil stony 3rd. rate.
Some aspens on 5.10 chs.
Brush not dense along line

North between secs. 14 and 15.
Va. 16°45' E.

Ascend gradually.
10.25 Enter small aspen timber - Descend towards creek.
15.00 Leave " " "
20.50 Enter scattering aspens.
25.75 Road N. 60° W. and S. 60° E.
26.25 Leave aspens.
35.00 Enter grassy creek bottom and willows.
35.40 Cedar creek, 3 lks. wide, runs N. 60° W.
37.50 Leave creek bottom and willows - Ascend
39.51 Id 1/4 sec. cor. a gray sandstone, 20 x 6 x 6 ins. 15 ins in the ground, for 1/4 sec. cor. corresponding with description in the U. S. Surveyor General's Office, marked 1/4 on W. face, and alongside of which I raised a mound of stone, 1 1/2 ft. high, 2 ft. base, its impracticable.
— 42.56 Intersect Boundary line between Utah and Wyoming. Must 8.99 chs. from the 360 Mile corner on said Boundary, which is evidenced now by a post 6 ft. long, 4 ins. sq. distinctly marked as per records - pit and charred block obliterated, yet is the earth mound very distinct, but slight traces thereof. From this Mile cor. Sheep Corral bears S. 63° W. at a gray sandstone, 18 x 11 x 6 ins 12 ins. in the round, marked C. C. on S. 2 grooves on E. 4 grooves on S. faces, for closing cor. to secs. 14 and 15, and raised a mound of stone 1 1/2 ft. high, 2 ft. base at side. Pits impracticable.

Resurvey Subdivisions T. 3. N. R. 9. E.

Land mountainous 42.56 chs.
Soil stony, 3rd rate
Some aspen timber on 10.50 chs.
Willows, dense, on 2.50 chs.
September 17. 1894.

Upon the cor. to secs. 15. 16. 21 and 22, which is a red sandstone, 12x7x6 ins. 8 ins. in the round, marked with 3 notches on S. and E. edges, and along side of which I raised a mound of stone, 1½ ft. high, 2 ft. base. Pits unprovable. The character but not dimensions of rock or corner corresponds with records in the U.S. Surveyor General's Office -

Thence I run -

East on a random line between secs. 15 and 22
Va. 16°44' E.

40.00 Set temporary 1/4 sec. cor.

78.47 intersect N. and S. line 7 lks. N. of cor. to secs. 14. 15. 22 and 23.

Thence I run

N. 89°57' W. on a true line between secs. 15 and 22.
Va. 16°44' E.

Ascend.

2.27 Enter aspen timber.

5.47 Leave " "

7.00 Ascent less quick.

10.47 Top of spur of ridge, quite broad, about 150 ft. above creek. Course NE. Descend.

20.00 Enter dense aspen timber mixed with some brush.

29.26 Sheep corral bears N. 9°45' E.

30.00 Some aspen timber, small and dense. Not brush.

33.47 Enter aspen timber.

33.97 Small creek, 1 lk. wide, runs N. 10° E. about 150 ft. below creek - Aspens along creek.

38.76 Old 1/4 sec. cor. a sandstone, 18x12x8 ins. (not 18x10x5 ins. plainly marked with 1/4 on N. face, along-side of which I raised a mound of stones, 1½ ft. high, 2 ft. base. Pits unprovable.

Resurvey Subdivisions T. 3. N. R. 9. E.

chs.

ld bearing trees obliterated. I accordingly renew same.
From 1/4 cor.
n aspen 3 ins. diam. bears N. 34° 30' W. 31 lks. dist.
marked 1/4 S. B. T.
aspen, 2 ins. diam. bears S. 25° 15' E. 15 lks. dist.
marked 1/4 S. B. T.

40.47 Leave small aspen timber.
42.47 Enter small aspen timber.
60.47 Leave " " "
66.15 Top of dividing ridge, between Cedar and Yellow Creeks, about 300 ft. above next ravine. Course N. 17° W. Descend.
78.47 The cor. to secs. 15. 16. 21. and 22.

Land mountainous,
Soil 3rd. rate, stony.
Aspen timber on 38.20 chs.
Not dense brush along line.

North between secs. 15 and 16.
Va. 16° 43' E.

Ascend gradually.
9.78 Sheep corrall bears N. 66° 30' W.
32.70 Sheep corrall bears S. 63° W.
40.00 Old 1/4 sec. cor. a gray sandstone, 18 x 10 x 5 ins. 12 ins in the ground, marked with 1/4 on W. face, agreeing with description in the U. S. Surveyor General's Office - alongside of which I raised a mound of stone, 1 1/2 ft. high, 2 ft. base. Pits impracticable.
43.78 Intersect Boundary line between Utah and Wyoming State. West 9.26 chs. from the 361 Mile corner on said Boundary, which is now evidenced by a post 7 ft. long, 4 ins. sq. plainly marked according to records, and in mound of earth - Pits and charred block obliterated.
Set a gray sandstone, 16 x 15 x 4 ins. 10 ins. in the ground, for closing cor. to secs. 15. and 16, marked with 4 grooves on S. 3 grooves on E. and C. C. on S. faces, and raised a mound of stone, 1 1/2 ft. high, 2 ft. base, alongside. Pits impracticable.
Land mountainous 43.' 8 chs.

Resurvey Subdivisions T. 2 N. R. 9. E.

Soil stony 3rd. rate.
Timber.
Brush along line not dense.
September 14. 1894.

For the purpose of testing the adjustments of my instrument and bearing of my line, at the closing cor. to secs. 15 and 16. last described, in Latitude 41° N. Longitude 110°53' W. September 14. 1894. at 7.30 P. M. solar time, I observed Polaris, the Magnetic bearing of which was N. 15° 03' W.

U. C. Polaris Sept. 13. 1894.	13h. 47.8m.
Time of observation Sept. 14. 1894.	7h. 30min
Hour angle of Polaris	17h. 42.2min
Azimuth E.	1° 40' E
North end of needle	15° 03' E
Variation	16° 43' E.

Angle deflected from star to my line produced to north 1° 40' left or to west.

From the cor. to secs. 16. 17. 20 and 21. which is a gray sandstone. 16 x 8 x 4 ins. firmly and 9 ins. in the ground. agreeing with description in the U. S. Surveyor General's Office. marked 3 notches on S. and 4 notches on E. edges. and raised a mound of stone. 1½ ft. high. 2 ft. base. longside. Pits impracticable.

Thence I run -

East on a random line between secs. 16 and 21.
Va. 16°42' E.

40.00 at temporary ¼ sec. cor.

77.72 intersect N. and S. line. 9 lks. N. of cor. to secs. 15. 16. 21. and 22.

Thence I run -

N. 89°56' W. on a true line between secs. 16 and 21
Va. 16°43' E.

Descend.

Resurvey Subdivisions T. 3. North Range 9. East.

Chs.	
5.22	Enter aspen timber.
5.65	Dry grassy ravine, drains N. of W. about 60 ft. below sec. cor.
9.00	Leave aspen timber.
13.72	Enter " "
18.22	Leave " " small aspen saplings.
18.72	Ascent less quick.
28.10	Top of ridge, about 400 ft. high, course N. 29° W. and S. 29° E. Descend.
31.00	Enter scattering cedars.
36.00	Leave " "
40.53	Old 1/4 sec. cor. a gray sandstone, 18 x 11 x 4 ins. 12 ins. in the ground, properly marked 1/4 on N. face, agreeing with description in the U.S. Surveyor General's Office - and along side of which I raised a mound of stone, 1½ ft. high, 2 ft. base. bears 13 lks. to S. of line. Therefore true course from Sec. cor. to 1/4 sec. cor. is S. 89°53' W. Thence I run N. 89°45' W.
43.99	Dry ravine drains N.
44.47	Enter scattering aspen timber.
46.47	Leave scattering aspen timber.
51.32	Enter " " "
56.22	Leave " " "
70.72	Enter " " "
72.22	Top of broad spur of ridge, course N. and S. Leave scattering aspens.
77.72	The cor. to secs. 16. 17. 20 and 21.

Land mountainous 77.72 chs.
Soil stony 3rd. rate.
Aspen timber on 16.68 chs. Cedars on 5.00 chs.
Not dense brush along line.

North between secs. 16 and 17
Va. 16° 44' E.

	Descend along hillside towards creek.
11.00	Enter aspen timber and Yellow creek bottom.
13.70	East fork of Yellow Creek. 3 lks. wide, runs N.E. about 150 ft. lower than cor.
15.00	Leave aspen timber.
16.00	Leave creek bottom. Over very gradual ascent.
30.90	Road to Bear river, course N. of E. and S. of W.

Resurvey Subdivisions T. 3 N. R. 9 E.

vs.

40.00 No old 1/4 sec. cor. Set a sandstone, 13x12x6 ins 8 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, and raised a mound of stone, 1½ ft. high. 2 ft. base alongside. Pits impracticable.

From cor. point -

An aspen, 7 ins. diam. bears N. 89°15' E. 289 lks. dist. marked 1/4 S.B.T.

An aspen, 7 ins. diam. bears N. 55°30' W. 253 lks. dist. marked 1/4 S.B.T.

.33 Intersect Boundary line between Utah Territory Wyoming State, West 7.89 chs. from the 62 Mile Corner on said Boundary, where I a post, 6 ft. long, 4 ins. sq. plainly mar corresponding with records, Pits and earth mound very indistinct also charred block obliterated, but rotted off portion of post where it stood plain visible.

Set a sandstone, 16x14x6 ins. 10 ins. in the round, for closing cor. to secs. 16 and 17, marked with 4 grooves on S. 4 grooves on E. and 6.6. on S. faces, and raised a mound of stone 1½ ft. high, 2 ft. base alongside. Pits impracticable -

From cor. point -

aspen, 7 ins. diam. bears N. 6°30' E. 180 lks. dist. marked T. 3 N. R. 9 E. S. 16 and 17. 6.6. B.T.

An aspen, 8 ins. diam. bears S. 41° E. 167 lks. dist. marked T. 3 N. R. 9 E. S. 16. B.T.

An aspen, 5 ins. diam. bears N. 12°30' W. 168 dist. marked T. 3 N. R. 9 E. S. 16 and 17. 6.6. B.T.

Land, rolling.

Soil 2nd. and 3rd. rates, stony.

Aspen timber on 4.00 chs.

Brush along line not dense.

September 15. 1894.

From cor. to secs. 17. 18. 19 & 20, which is a sandstone, 18x12x5 ins. (not 18x8x8 ins as per records 12 ins. in the ground, marked with 3 notches on S. and 5 notches on E. edges alon side

Resurvey Subdivisions T. 3. N. R. 9. E.

aised a mound of stone, 1½ ft. high. 2 ft. base alongside. Pits impracticable.
Thence I run -
East on a random line between secs. 17 and 20.
Va. 16°44' E.

0.00 Set temporary ¼ sec. cor.
80.28 Intersect N. and S. line. 44 lks. N. of cor. to secs. 16. 17. 20 and 21.
Thence I run -
N. 89°41' W. on a true line between secs. 17 and 20
Va. 16°44' E.

Descend.
3.70 East fork of Yellow Creek, 3 lks. wide, runs N. about 200 ft. below ridge. Some scattering aspens along br.
21.53 Enter aspen timber.
28.28 " " "
40.68 Old ¼ sec. cor. a gray sandstone, 13×8×2 ins. (not 14×10×10 ins.) 8 ins. in the ground, plainly marked with ¼ on N. face. and alongside of which I raise a mound of stone, 1½ ft. high. 2 ft. base. Pits impracticable.
43.65 Dry and grassy ravine; Course and drains N. 16°30'. scend gradual land.
52.28 Enter aspen timber.
5.28 " "
68.03 ue gradual and almost level land - Descend quick Yellow Creek, about 200 ft. above said creek. There is a grove of aspens, covering about 5 acres, and about 10 chs. to N. of line.
80.28 The cor. to secs. 17. 18. 19 and 20.
Land mountainous
Soil 2nd. and 3rd. rates, stony.
Aspen timber on 9.75 chs.
Brush not dense along line.

West on a random line between secs. 18 and 19.
Va. 16°44' E.

40.00 et temporary ¼ sec. cor.
80.64 Intersect Guide Meridian or W. Boundary of the Tp. 5 S. cor. to secs. 13. 18. 1 and 24.

Resurvey Subdivisions T. 3 N. R. 9 E.

Thence I run -
89°39' E. on a true line between secs. 18 and 19
Va. 16°43' E.

scend quickly -
10.50 Enter broad and level top of ridge dividing drainage into Chalk Creek from that into Yellow Creek, course NW. and SE.
16.50 ave broad and level top of ridge. Descend very radually. through not dense ordinary sage brush.
36.35 Road, course N. 40° E. Enter more gradual descent.
0.84 Old 1/4 sec. cor. bears 27 lks. to North of line - which is a sandstone, 16×8×8 ins. 10 ins. in the ground. marked 1/4 on N. face, and alongside of which I aised a mound of stone, 1½ ft. high, 2 ft. base. alongside. Pits impracticable. True course from Sec. cor. to 1/4 sec. cor. is N. 89°58' E. 40.84 chs. thence S. 89°16' E.
49.34 Road to Wasatch course N and S.
62.50 uter aspen timber - dense.
63.00 uter Yellow creek bottom -
64.40 ellow creek. 12 lks. wide, runs North.
67.00 Leave creek bottom. Ascend quickly.
68.00 Leave aspen timber.
80.64 The cor. to secs. 17. 18. 19 and 20.
Land high and rolling -
Soil stony and gravelly, 2nd. and 3rd. rates
Some aspen timber on 5.50 chs.
Brush. not dense. along line.

North between secs. 17 and 18.
Va. 16°44' E.

Ascend gradually -
15.00 Yellow Creek bears about 11 chs. to W. of line.
33.00 rassy hollow, heads SE. drains NW.
39.70 Old 1/4 sec. cor. a sandstone. 13×8×4 ins. (not 14×10 × 4 ins. as per records) 8 ins. in the ground. marked 1/4 on W. face, and raised a mound of stone. 1½ ft. high, 2 ft. base. alongside. Pits impracticable.
44.55 Intersect Boundary line between Utah Territory and Wyoming State. West 7.64 chs. from the 363 Mile corner on said Boundary, where I did not find any ost o ch block, but did

Resurvey Subdivisions T. 3 N. R. 9 E.

No.

and roads between 2 pits, standing E. and W. of other, and about 12 ft. apart.

At a quarter th. 14 x 12 x 4 ins. 9 ins. in the ground for closing cor. to secs. 17 and 18, marked with 4 grooves on S. 5 grooves on E. and B.C. on S. face, and raised a mound of stone, 1½ ft. high, 2 ft. base, alongside. Pits impracticable.

Land rolling 44.55 chs.

Soil stony. 2nd rate.

No timber.

Not dense brush along line.

September 18, 1894.

General Description -

This Tp. is generally mountainous in character, and while of an high elevation, is not rough nor broken. There is no agricultural land except some small narrow strips along Bear River and the several creeks, passing through the Tp. Bear river is an important stream of water, crossing through Sec. 13, and running, after traversing long distance, into Great Salt Lake; along its course are numerous important towns and settlements. Yellow Creek and Cedar creek are also reliable streams running the entire year. There are indications of mineral, coal or stone adapted for quarrying. Grazing in the Tp. generally good, numerous herds being driven down over the hills.

There are no settlers in the Tp. nor any improvement except Sheep corrals in Secs. 15 and 16.

The mean declination for the Tp. the average of 3 observations is 16° 43'

Timber is plentiful and abundant south of the portion surveyed under this Contract, but within limits of this survey, consists only of scattering groves of aspens - and very few pines.

Robert Gorlewski:
U. S. Dep. Surveyor.

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List of Names.

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

We hereby certify that we assisted .....
....., U. S. Deputy Surveyor, in surveying all the parts or portions of the.....
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..... Meridian, ..., as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the U. S. Surveyor General for .....
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Subscribed and sworn to before me this .....
day of ....., 18 .

SEAL

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BOOK A-237

Final Oath of U. S. Deputy Surveyor.

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

.....Meridian, in the ....., as are represented in t going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear the corners of said survey have been established and perpetuated in strict accordance with the surveying printed instructions, the special written instructions of the U. S. Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of approved August 8, 1846.

.....
U. S. Deputy Su

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

SEAL

.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City Utah Nov. 2, 18

The foregoing field notes of the survey of the Subdivisions Township 3 North Range 9 E Salt Lake Base & Meridian,

Robert Gorlewski

under his Contract No. 189, dated Febru 9th, 1893 having bee examined, the necessary corrections and explanations made, the ... eld notes, and the surveys they d hereby approved.

.....
U. S. Surveyor
for

I certify that the foregoing transcript of the field notes of the above-described surveys in T. 3 N. of the S. L. B. & M., has been correctly copied from t original notes on file in this office.

.....
U. S. Surveyor
for

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BOOK A-237

K.J.B.

FIELD NOTES

OF THE re SURVEY OF

East Boundary.

Township 3 North, Range 10 East

of the Salt Lake Base line and of the

Of the Salt Lake Meridian,

Utah Territory

AS SURVEYED BY

Robert Gorlinski, U. S. Deputy Surveyor,

Under his Contract No. 189, dated February 9th. 1893.

Survey commenced September 20th, 1894

Survey completed September 20th, 1894

BOOK A-237

Names and Duties of Assistants.

Conrad Rock, Chainman

John Meade Chainman

George N. Davis Flagman.

Alexander Robson Axeman.

Resurvey East Boundary T. 3. N. R. 10. E.

Chs.

S commenced Sept. 20. 1894, with a Burt's dar compass in perfect adjustment.
The distances were measured with a 50 lk. steel chain. brazed lks. Both instrument and chain were uniously examined in the U.S. Surveyor General's Office and entered upon the records.

on the cor. to secs. 13. 18. 19 and 24. on E. Bdy T. 3. N. R. 10. E. which is an aspen post 48"×5"×5" plainly and properly marked. but fallen down, as all the bearing trees are rotted and fallen down. except the SW. bearing tree which corresponds with records, but shows signs of decay. I perpetuate the cor. more substantially, by setting a sandstone, 6×12×8 ins. 10 ins. in the ground (by side of old post) cor. to secs. 13×18×19 and 24, marked with 3 notches on N and S edges, and raised a mound of stone, 1½ ft. high, 2 ft. base, alongside. Pits impracticable. Cor. is 3 lks. W. of creek in ravine, runs SW.
From cor. point –
an aspen. 3 ins. diam. bears N. 14°10' E. 26 lks. marked T. 3. N. R. 11. E. S. 18. B. T.
An aspen, 2 ins. diam. bears N. 44°40' W. 33 lks. dist. marked T. 3. N. R. 10. E. S. 13. B. T.
An aspen, 2 ins. diam. bears S. 47°10' W. 61 lks. dist. marked T. 3. N. R. 10. E. S. 24. B. T.
An aspen. 3 ins. diam. bears S. 19° E. 61 lks. dist. marked T. 3. N. R. 11. E. S. 19. B. T.
Thence I run
North between secs. 13 and 18.
Va. 16° 38' E.
Ascend in dense small aspens, and scattering dead pine timber.
12.50 Enter some live pine timber and larger aspens.
17.50 Top of ridge. Course E. and W. about 300 ft. above cor. or ravine. Descend in scattering bound live pines – aspens scattering.
23.10 small ravine and creek. 2 lks. wide, runs N of E. at 60 ft. below ridge.
39.43 I here find old ¼ sec. cor. Julien Bausman's

Resurvey E. Boundary T. 3. N. R. 10. E.

chs.

marked with 1/4 on N. face, and as post is old and rotted partly, I perpetuate the cor. more substantially by setting by side of post and at cor. point a sandstone, 16"×14"×10", 10 ins. in the ground, 1/4 sec. cor. marked 1/4 on N. face, and raised a mound of stone, 1½ ft. high, 2 ft. base alongside. Pits impracticable.

From cor. point –

double pine (old bearing tree) 20 ins. diam. bears N. 84° 30' E. 19 lks. dist. marked 1/4 S. B. T.

balsam, 7 ins. diam. bears S. 37° 30' E. 20 lks. dist. marked 1/4 S. B. T.

40.18 Creek, 2 lks. wide, runs NW.

43.49 Intersect Boundary line between Utah and Wyoming. Most 13.23 chs. from the old 352 mile cor. on said Boundary, which is evidenced now by a post, 4 ft. long, 9×6 ins. plainly marked as per ds. – Pits & charred block obliterated but mound of earth remains.

Set a sandstone, 17×11×9 ins. 10 ins. in the grou, closing cor. to secs. 13 and 18, marked with 4 grooves and C. C. on S. and 2 grooves on N. face, raised a mound of stone, 1½ ft. high, 2 ft. base alongside. Pits impracticable.

From cor. point –

Ash as per. 9 ins. diam. bears S. 69° 50' W. 103 lks. dist. marked T. 3. N. R. 10. E. S. 13. B. T.

as per. 3 ins. diam. bears S. 62° 30' E. 59 lks. marked T. 3. N. R. 11 E. S. 18. B. T.

balsam. 10 ins. diam. bears N. 82° W. 111 lks. dist. marked T. 3. N. R. 10 and 11 E. S. 13 and 18. C. C. B. T.

I could not find the old closing cor. set by Deputy Burrill in 1875.

Land mountainous 43.49 chs

Soil stony 3rd. rate

Aspens on 43.49 chs. also pines intermixed with same, not dense.

Not dense brush along line.

Sept 20. 1894.

Resurvey E. Boundary T. 3. N. R. 10. E.

Note - Having tested the adjustments of my instrument by an observation on Polaris September 19. 1894. in the resurvey of sub-divisions of this Tp. and the day before commencing the Survey of the East Boundary of this Tp. the instrument being found in perfect adjustment, I, for this reason, did not take an observation on this line to further test the adjustments of the instrument.

For General Description see Subdivisional ties of Survey of this Tp. returned by me on this Contract.

Robert Gorlinski.
U.S. Dep. Surveyor.

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BOOK A-237

INDEX DIAGRAM.

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

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

Meanders Page ....

Preliminary Oaths of Assistants.

We, _____

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

_____

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_____, *Chainma*

_____, *Chainma*

_____, *Chainm*

_____, *Chainm*

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

_____

_____

We, _____

_____

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

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

_____, *Ax*

_____, *A*

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_____

List of Names.

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

We hereby certify that we assisted .....
....., U. S. Deputy Surveyor, in surveying all those parts or portions of the .....
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.....Meridian, ..., as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the U. S. Surveyor General for .....
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Subscribed and sworn to before me this .....
day of ....., 18 .

SEAL

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BOOK A-237

Final Oath of U. S. Deputy Surveyor.

I, ..., U. S. Deputy Surveyo
solemnly swear that, in pursuance of instructions received from .....,
Surveyor General for ....., bearing date of the .....d
....., 18 , I have well, faithfully, and truly, in my own proper person, and in
conformity with the instructions furnished by the U. S. Surveyor General for .....
surveying manual, and the laws of the United States, surveyed all those parts or portions of .....
.....
.....
.....
.....
.....Meridian, in the ....., as are represented in th
going field notes as having been surveyed by me, and under my directions; and I do further solemnly swear th
the corners of said survey have been established and perpetuated in strict accordance with the surveying m
printed instructions, the special written instructions of the U. S. Surveyor General for.....
and in the specific manner described in the field notes, and that the foregoing are the true field notes of such s
and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Co
approved August 8, 1846.

.....
U. S. Deputy Surv

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

SEAL

.....
.....

Approval.

Office of the U. S. Surveyor General,
Salt Lake City Utah Nov. 27 18

The foregoing field notes of the survey of East Boundary of Tp 3 North Range 10 East of the Salt Lake B & Meridian Utah
.....
.....
.....
.....
.....ex
Robert Gorlinski
under his Contract No. 189, dated February 19th, 1893, having been
examined, the necessary corrections and explanations made, the said field notes, and the surveys they des
hereby approved.

George W Snow
U. S. Surveyor
for

I certify that the foregoing transcript of the field notes of the above-described surveys in T. 3 N. of the S. L. B. & M., has been correctly copied from the original notes on file in this office.

George W Snow
U. S. Surveyor
for

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(4—679.)

BOOK A-237

K.T.B.

FIELD NOTES

OF THE re SURVEY OF

Subdivisions of

Township 3 North Range 10. East

of the Salt Lake Base line and

Of the Salt Lake Meridian,

Utah Territory

AS SURVEYED BY

Robert Gorlinski, U. S. Deputy Surveyor,

Under his Contract No. 189, dated February 9th. 1893

Survey commenced September 18th, 1894

Survey completed September 23rd, 1894

BOOK A-237

Names and Duties of Assistants.

Conrad Rock Chainman

John Meade Chainman

George N. Davis Flagman

Alexander Robison Axeman

BOOK A-237

INDEX DIAGRAM.

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

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Meanders Page .....

Preliminary Oaths of Assistants.

We, _____

_____

_____

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

_____

_____

_____

_____

_____, *Chainman.*

_____, *Chainman.*

_____, *Chainman*

_____, *Chainman*

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

_____

_____

We, _____

_____

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

_____

_____

_____

_____

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

_____, *Axe*

_____, *Axer*

_____

_____

_____

Resurvey Subdivisions T. 3 N. R. 10 E.

Chs.

Survey commenced September 18. 1894. with a Burt's Solar Compass, in good adjustment. The distances were measured with a 50 lb. steel chain, brazed links.

Both instrument and chain were previously examined in the U.S. Surveyor General's Office, and entered upon the records.

Previous to commencing the Resurvey of the Subdivisions of this Tp. I again compared my chain with the Standard kept by me in the field during this work and find it correct. My standard measure agrees with the Standard in the Surveyor General's Office.

From the cor. to secs. 13. 14. 23 and 24. which is an aspen post. 48" x 4" x 4", plainly marked as per records but which, being entirely sub-stantial, I concluded to perpetuate the corner more safely by setting by side of old post and at corner point, a red sandstone, 17 x 17 x 9 ins. 8 ins. in the ground, for cor. to secs. 13. 14. 23 and 24. marked with 3 notches on S. and 1 notch on E. edges and raised a mound of stone 1½ ft. high, 2 ft. base, alongside. Pits im-practicable.

Thence I run —

East on a random line between secs. 13 & 24.
Va. 16° 44' E.

Set temporary ¼ sec. cor.

5.50 Intersect E. Boundary of the Tp. 60 lks. S. of cor. to secs. 13. 18. 19 and 24.

Thence I run —

S. 89° 24' W. on a true line between secs. 13 & 24.
Va. 16° 40' E.

Ascend in pine timber and some aspens.

23.00 Top of ridge. Course NE. and SW. about 120 ft. above gulch. Descend in dense small aspens and scattering pines.

27.10 Small spring creek. 2 lks wide, pines S. 35° W. about 400 below main ridge

P Subdivisions T. 3. N. R. 10. E.

14 x 12 x 8 ins. 9 ins. in the ground, for 1/4 sec. cor.
with 1/4 on N. face. & from which
aspen. 10 ins. diam. bears N. 46° 45' W. 34 lks.
marked 1/4 S. B. T.
A balsam. 6 ins. diam. bears N. 18° W. 41 lks.
marked 1/4 S. B. T.
Through aspen and pine timber mixed.
52.50 steeper descent. Enter gradual descent.
53.50 aspens. and scattering pines.
60.00 Enter pines. scattering
66.00 Leave pines. scattering.
77.30 Cub creek. 2 lks. wide. runs S. of W.
78.50 The cor. to sec. 13. 14. 23 and 24.
Land mountainous 78.50 chs.
First 52.50 chs. rougher mountains.
Last 26.00 chs. less rough mountains.
Soil stony 3rd. rate.
Pine timber not dense. on 59.50 chs.
Aspen timber, not dense. on 53.50 chs.
Brush. not dense. along line.

North between secs. 13 and 14.
Va. 16° 40' E.

gradually.
8.00 Enter aspens.
26.00 aspens.
34.00 Enter aspens.
40.00 Found no trace of old 1/4 sec. cor. Set a sand-stone. 15 x 12 x 10 ins. 10 ins. in the ground,
1/4 sec. cor. marked 1/4 on N. face and piled
a mound of stones. 1½ ft. high. 2 ft. base alongside.
Pits impracticable. Zone cor. point.
An aspen. 2 ins. dia. bears W. 61° 30' E. 11 lks. dist.
marked 1/4 S. B. T.
aspen. 2 ins. diam. bears S. 74° 20' W. 9 lks.
marked 1/4 S. B. T.
44.14 Intersect Boundary line between Utah & Wyoming
91.53 chs. West of the 352 mile corner on said
boundary. the 353rd. mile cor. (the

Resurvey Subdivisions T. 3. N. R. 10. E.

Set a sandstone: 15×10×9 ins. 10 ins. in the ground, for closing cor. to secs. 13 and 14. marked with 4 grooves on S. 1 groove on E. and C.C. on S. faces, and raised a mound of stone, 1½ ft. high. base, alongside. Pits impracticable.
From cor. point –
An aspen, 2 ins. diam. bears S. 15° 15' W. 32 lks.
st. marked T. 3. N. R. 10. E. S. 14. B. T.
aspen, 3 ins. diam. bears S. 33° 40' E. 47 lks.
st. marked T. 3. N. R. 10. E. S. 13. B. T.
aspen, 2 ins. diam. bears N. 72° 10' E. 24 lks.
marked T. 3. N. R. 10. E. S. 13 & 14. C.C. B. T.
Land mountainous 44.14 chs.
Soil stony, 3rd rate
Aspen timber on 28.14 chs.
Brush not dense along line.
September 21. 1894

From the cor. to secs. 14. 15. 22 and 23. which after diligent search, I found evidenced only by the rotted bearing trees thereto, post gone. I accordingly set a red sandstone. 15×10×5 ins. 10 ins. in the ground, for cor. to secs. 14. 15. 22 and 23, marked with 3 notches on S. and 2 notches on E. edges, and raised a mound of stone, 1½ ft. high, 2 ft. base alongside. Pits impracticable.
From cor. point –
An aspen. 3 ins. diam. bears S. 40° 30' W. 15 lks.
st. marked T. 3. N. R. 10. E. S. 22. B. T.
An aspen, 3 ins. diam. bears S. 54° 15' E. 14 lks.
dist. marked T. 3. N. R. 10. E. S. 23. B. T.
A fir, 4 ins. diam. bears N. 24° 45' E. 67 lks.
dist. marked T. 3. N. R. 10. E. S. 14. B. T.
A fir, 3 ins. diam. bears N. 4° 50' W. 66 lks.
marked T. 3. N. R. 10. E. S. 15. B. T.
Thence I run –
East on a random line between secs. 14 and 23
Va. 16° 40' E.

40.00 Set temporary ¼ sec. cor.

Resurvey Subdivisions T 3. N. R. 10. E.

chs.	
	13. 14. 23 and 24.
	Thence I run -
	N. 89° 45' W. on a true line between secs. 14 and 23
	Va. 16° 44' E.
	Ascend gradually.
13.50	Aspens scattering.
36.39	Spring branch. 2 lks. wide, runs SE.
39.09	No trace of old 1/4 sec. cor. Set a sandstone, 12×10×9 ins. 8 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, and from which
	An aspen, 2 ins. diam. bears S. 64° 25' W. 23 lks. dist. marked 1/4 S. B. T.
	An aspen 2 ins. diam. bears S. 20° 40' E. 16 lks. dist. marked 1/4 S. B. T
	This cor. is in aspens and some pine timber.
39.60	South edge of small lake - extends N. 1.50 chs.
47.00	Ascent quicker. Leave gradual ascent.
62.00	Ridge, course NE. and SW. about 60 ft. above hollow, across head of which line passes.
78.18	The cor. to secs. 14. 15. 22 and 23.
	Land mountainous 78.18 chs.
	Soil stony, 3rd rate.
	Aspens on last 64.68 chs. quite dense, occasionally scattering and mixed with very few pines.
	North between secs. 14 and 15.
	Va. 16° 40' E.
	Ascend very gradually - through young and not dense aspens - & scattering line pines.
27.50	Small ravine and creek, 1 lk. wide, runs NW.
	Some willows along creek.
31.00	Said creek bears about 5 lks. to W. of line, runs NW.
40.00	Could not find any trace of old 1/4 sec. cor. Set a sandstone, 12×10×6 ins. 8 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, and raised a mound of stone, 1 1/2 ft. high, 2 ft. base, alongside. Pits impracticable.
	From cor. point - An aspen, 7 ins. diam. bears

Resurvey Subdivisions T. 3 N. R. 10. E.

Chs.

N. 22° 15' W. 18 lks. dist. marked 1/4 S. B. T.
An aspen, 15 ins. diam. bears S. 15° W. 9 lks. dist. marked 1/4 S. B. T.
Some large pines and aspens around here -
44.21 Intersect Boundary line between Utah and Wyoming. Meas 11.98 chs. from the 354 Mile cor. on said Boundary, which is indicated by distinct mound of earth and 2 pits E. and W. thereof, with rotted off portion of post visible - The post itself lay on mound, but owing to a fire that has at some time occured in this vicinity, is burnt and charred, so that marks thereon are illegible.
Set a sandstone, 18 x 12 x 8 ins. 12 ins. in the ground, for closing cor. to secs. 15 and 14; marked with 4 grooves on S. and 2 grooves on E. and C.C. on S. face, and raised a mound of stone, 1½ ft. high, 2 ft. base, alongside. Pits impracticable.
From cor. point -
An aspen, 4 ins. diam. bears S. 8° 25' W. 25 lks. dist. marked T. 3 N. R. 10. E. S. 15. B. T.
An aspen, 4 ins. diam. bears S. 29° 20' E. 53 lks. dist. marked T. 3 N. R. 10. E. S. 14. B. T.
A balsam, 5 ins. diam. bears N. 33° 15' W. 138 lks. dist. marked T. 3 N. R. 10. E. S. 14 and 15. C.C. B. T.

Land mountainous 44.21 chs.
Soil stony, 3rd rate
Aspens, notably dense, mixed with few scattering pines on 44.21 chs.
September 21, 1894.

From cor. to secs. 15. 16. 21. and 22, which is an aspen post, 4 8 x 4 x 4 ins. firm in ground and mound of rocks, properly marked, also bearings all standing and alive corresponding with records in the U.S. Surveyor General's Office.
Thence I run -
East on a random line between secs. 15 and 22.
Ga. 16 chs. E.

Resurvey Subdivisions T. 3. N. R. 10. E.

Ch.	
78.18	Intersect N. and S. line, 133 lks. N. of cor. to secs. 14. 15. 22 and 23.
	Thence I run -
	N. 89°3' W. on true line between secs. 15 and 22.
	Va. 16°40' E.
	Descend in few scattering aspens and pines.
12.50	Dry creek of hollow, 8 lks. wide. draws N. 25° W. Scattering pines and aspens.
20.70	Top of spur of ridge. Course N. 40° W. and S. 40° E. about 100 ft. above gulch.
38.45	Old road, course N. 45° W. and S. 45° E.
39.09	Set a sandstone, 21 x 18 x 8 ins. 15 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, and raised a mound of stone, 1 1/2 ft. high. 2 ft. base, alongside. Pits impracticable. No trace of old 1/4 sec. cor.
	From 1/4 cor. point
	An aspen, 4 ins. diam. bears N. 56° W. 68 lks. dist. marked 1/4 S. B. T.
	An aspen, 10 ins. diam. bears S. 41° 20' W. 50 lks. dist. marked 1/4 S. B. T.
	This 1/4 cor. is in head of shallow and broad hollow draining NW.
	Some large scattering aspens and very few scattering aspens around.
44.00	Through a dense live and excellent growth of pine timber mixed with some aspens.
59.61	Old wood road, Course N. 30° W. and S. 30° E.
78.18	The cor. to secs. 15. 16. 21 and 22.
	Land high mountains
	Soil stony, 3rd. rate.
	Aspen and pine timber on first 44.00 chs. not very dense
	Last 34.18 chs. an excellent growth of live and dense pines, mixed with very few aspens.
	Not much brush along line

North between secs. 15 and 16.

Va. 16°40' E.

Descent very gradual through dense and excellent live pine growth. Few scattering aspens.

Resurvey Subdivisions T. 3. N. R. 10. E.

18.

9.30 Old road, course N. 70° W. and S. 70° E.

39.49 Old cor. a pine post, 48"x4"x4", fallen down, but properly marked. I renewed the corner at this point by setting a sandstone, 15x10x7 ins. 10 ins. in the ground (by side of post) and marked 1/4 on W. face, and raised a mound of stone, 1½ ft. high, 2 ft. base, alongside. Pits impracticable.

From cor. point -

A pine 6 ins. diam. bears West 3 lks. dist. marked 1/4 S.B.T.

A pine, 4 ins. diam. bears S. 45°45' E. 26 lks. dist. marked 1/4 S.B.T.

42.79 Intersect Boundary line between Utah and Wyoming State, West 10.50 chs. from the 355 Mile cor. on said Boundary, which is a post, 7 ft. long, 6 ins sq. well and properly marked as per records, in mound of earth and stone. Pits nearly obliterated.

Set a sandstone, 14x14x5 ins. 9 ins. in the ground for closing cor. to secs. 15 and 16, marked with 4 grooves on S. and 3 grooves on E. and C.C. on S. faces, and raised a mound of stone, 1½ ft. high, 2 ft. base, alongside. Pits impracticable.

From cor. point -

A pine, 13 ins. diam. bears N. 27°10' W. 33 lks. dist. marked T 3. N. R. 10. E. S. 15 and 16. C.C. B.T.

A pine, 6 ins. diam. bears S. 14° E. 105 lks. dist. marked T. 3. N. R. 10. E. S. 15. B.T.

A pine, 6 ins. diam. bears S. 85°45' W. 59 lks. dist. marked T 3. N. R. 10. E. S. 16. B.T.

Land mountainous 42.79 chs.

Soil stony, 3rd. rate.

Pine timber mixed with few aspens on 42.79 chs

Brush not dense along line

From cor. to secs. 16. 17. 20 and 21. which is an aspen post, 48"x4"x4", properly marked and firmly set, agreeing with description in the U.S. Surveyor General's Office, by side of which I set a sandstone, 17x11x5 ins. 8 ins. in the ground, for the

Resurvey Subdivisions T. 3. N. R. 10. E.

Chs

purpose of better perpetuating the cor. to secs. 16. 17. 20 and 21. marked with 4 notches on E. and 3 notches on S. edges. and raised a mound of stone 1½ ft. high. 2 ft. base. alongside. Pits impracticable.

From cor. point.

An aspen, 3 ins. diam. bears N. 80° E. 41 lks. dist. marked T. 3. N. R. 10. E. S. 16. B. T.

An aspen, 3 ins. diam. bears N. 29° W. 109 lks. dist. marked T. 3. N. R. 10. E. S. 17. B. T.

An aspen, 3 ins. diam. bears S. 46° 15' E. 71 lks. dist. marked T. 3. N. R. 10. E. S. 21. B. T.

An aspen, 3 ins. diam. bears S. 47° W. 86 lks. dist. marked T. 3. N. R. 10. E. S. 20. B. T.

Thence I run

East on a random line between secs. 16 and 21.

Va. 16° 41' E.

40.00 Set temporary ¼ sec. cor.

79.00 Intersect N. and S. line 60 lks. N. of cor. to secs. 15. 16. 21. and 22.

Thence I run.

N. 89° 34' W. on a true line between secs. 16 and 21

Va. 16° 41' E.

Descend very gradually through a dense and excellent growth of pine timber mixed with few aspens.

32.76 Old road. Course N. and S.

34.81 Leave Pine timber - through scattering aspens.

39.80 Old ¼ sec. cor. aspen tree, witnessed aspen records, but tree fallen down, bears 24 lks. to N. of line. At said tree cor. point, I set a sandstone, 14×12×8 ins. 9 ins. in the ground, for ¼ sec. cor. marked ¼ on N. face and raised a mound of stone, 1½ ft. high. 2 ft. base alongside. Pits impracticable. True course between Sec. cor. and ¼ sec. cor. is N. 87° 13' W.

From cor. point

An aspen, 3 ins. diam. bears N. 39° 40' E. 36 lks. dist. marked ¼ S. B. T.

An aspen, 6 ins. diam. bears S. 1° 30' E. 66 lks. dist. marked ¼ S. B. T. Thence N. 87° 55' W.

[illegible] Leave dense aspen timber, through scattering aspens.

[illegible] Leave scattering aspens.

[illegible] Grassy hollow, drains S. W.

Resurvey Subdivisions T. 3. N. R. 10. E.

Chs.	
71.40	Enter aspens.
76.50	Top of ridge N.E. and S.W. about 400 ft. above Mill Creek. Descend.
78.60	Leave aspen timber.
79.00	The cor. to secs. 16. 17. 20. and 21.
	Land mountainous 79.00 chs.
	Soil stony 3rd. and 2nd rates
	Aspen timber on 69.70 chs.
	Pine timber on first 34.81 chs.
	September 19. 1894.

North between secs. 16 and 17
Var. 16°40' E.

	Ascend gradually -
3.00	Enter aspen grove.
5.30	Leave aspen grove.
8.00	Enter aspen grove.
9.25	Leave aspen grove.
12.50	Enter aspen grove.
14.00	Top of spur of ridge, course E. and W. about 125 ft. above next gulch and dry creek. Descend.
33.00	Leave aspens.
34.65	Road, course N. 75° E. and S. 75° W.
36.40	Dry creek, runs S. 75° W. Source of creek and Spr. 50 lks. to S.W. (S. 75° W.) About 125 ft. below ridge.
39.30	Old cor. post, on line, which is an aspen post, 48" x 4" x 4", firmly set and properly marked. Set also at cor. point a gray sandstone, 16 x 10 x 9 ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, and raised a mound of stone, 1½ ft. high. 2 ft. base, along side. Pits impracticable.
42.21	Intersect Boundary line between Utah and Wyoming. Meas 10.13 chs. from the 356 Mile corner on said Boundary, where I find a post 6 ft long, 5 ins. sq. pits obliterated, but traces of earth mound remain — also 2 bearing trees thereto - Post is marked as per records. Set a sandstone, 15 x 10 x 8 ins. 10 ins. in the ground, for closing cor. to secs. 16 and 17, marked with 4 grooves on S. and E. faces, and 6. 6 on S. face, and

Resurvey Subdivisions T. 3. N. R. 10. E.

raised a mound of stone, 1½ ft. high, 2 ft. base, along side. Pits impracticable.

Land mountainous 42.21 chs.

Soil stony, 3rd. rate

Aspen timber on 24.05 chs.

Not dense brush along line.

September 19. 1894.

From the cor. to secs. 17. 18. 19 and 20. which is an aspen post, 48×4×4 ins. properly marked, agreeing with description in the U. S. Surveyor General's Office. Reset in its identical place, 12 ins. in the ground, dug pits, 18×18×12 ins. in each ec. 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post. As old bearing trees thereto are gone - I renew same -

From cor. point.

An aspen, 10 ins. diam. bears N. 6°45' E. 42 s. dist. marked T. 3. N. R. 10. E. S. 17. B. T.

balsam, 11 ins. diam. bears S. 63° E. 136 lks. dist. marked T. 3. N. R. 10. E. S. 20. B. T.

A pine, 10 ins. diam. bears N. 20° W. 31 lks. dist. marked T. 3. N. R. 10. E. S. 18. B. T.

A pine, 20 ins. diam. bears S. 78°30' W. 91 lks. dist marked T. 3. N. R. 10. E. S. 19. B. T.

Old log cabin, long since deserted, bears S. 81° W. 4.60 chs. distant.

Thence I run -

East on a random line between secs. 17 and 20

Va. 16°40' E.

40.00 Set temporary ¼ sec. cor.

79.92 Intersect N. and S. line 82 lks. N. of the cor. to secs. 16. 17. 20. and 21.

Thence I run

N. 89°25' W. on a true line between secs. 17 & 20.

Va. 16°41' E.

Descend.

8.00 Enter aspens.

12.00 Leave aspens.

28.00 Enter aspens.

Resurvey Subdivisions T. 3. N. R. 10. E.

30.00 Leave aspens.
36.13 Traveled road, course N and S.
36.76 Old delapidated Flume of the Hilliard Flume and
ber Co. who operated a long time since, N and S.
uter dense willows. and grassy, wet bottom land.
39.96 No trace of old 1/4 sec. cor. Set a sandstone 14x
9x6 ins. 9 ins. in the ground, for 1/4 sec. cor.
1/4 on N. face, and raised a mound of stone, alongs
Pits impracticable, as owing to character of soil
would soon be obliterated Stone mound is 1 1/2 ft high, 2 ft bas.
50.82 Mill creek. 30 lks. wide runs N. Over bottom
land, wet, covered with grass, willows, and scattering
pines and aspens.
9.92 The cor. to secs. 17.18.19 & 20
Land first 36.76 chs. mountainous
" last 43.16 " bottom
Soil stony, 3rd. rate, Soil 1st rate, bottom.
Aspen timber on 6.00 chs.
Scattering pines and aspens, not many in
bottom west of Mill creek.
Dense willows on 43.16 chs.

In order to test the adjustment of my instru
and bearing of my line. I deflected from my line
South between secs. 16 and 17 and from
osing cor. to said secs. on Boundary line, angle
right 90° and to west some 45 chs. dist. where
eptember 19. 1894. at 9-o clock P. M. Solar time
observed Polaris the Magnetic bearing of which
was N. 15°10' W.
atitude of place of observation 41° N.
Longitude of " " " 110°50'

U.C. Polaris Sept. 18. 1894	13h. 28.'4m
Time of observation Sept. 19. 1894.	9h. 00 00
Hour angle of Polaris	19h. 31.9
Azimuth E.	1° 31'
Variation	16°41' E.

Angle deflected from star to line running east as brong
this point by angle, 88°29' Right or to east.

Resurvey Subdivisions T. 3 N. R. 10 E.

Chs.	
	By running a blank line north between secs. 17 and 18, I find the old 1/4 sec. cor. at 38.86 chs. leave 60 lks. to west of line - I accordingly, return to cor. to secs. 17.18.19 and 20. and run
	Thence
	N. 0°51' W. on a true line between secs. 17 + 18. Va. 16°40' E.
	Over level and marshy bottom, covered with willows grass and scattering aspens.
21.90	Wire fence, course N.E. and S.W. Enter meadow.
29.00	" " " N.W. and S.E. Leave meadow.
38.87	Old 1/4 sec. cor. a willow, 3 ft long, 2 ins sq. plainly marked 1/4 S. on W. face. I set by side of said post and at cor. point a pine post, 4.5 ft. long, 8 x 3 ins. 12 ins. in the ground, for the purpose of better perpetuating the 1/4 sec. cor. marked 1/4 S. on W. face, and dug pits, 18 x 18 x 12 ins. N and S. of post, 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base, around post.
41.61	Intersect the Boundary line between Utah and Wyoming, West 10.73 chs. from the W. C. to the 357th. Mile corner on said Boundary, which is a post and marked, corresponding with the records of Survey of Boundary, but pits, earth or charred block, destroyed or obliterated.
	Set a pine post, 5 1/2 ft. long, 6 x 6 ins. sq. 18 ins. in the ground for closing cor. to secs. 17 and 18, marked
	C. C. T. 3 N. R. 10 E. on S.
	S. 17. on E. and
	S. 18 on W. faces. with 4 grooves on S. and 5 grooves on E. faces. dug pits, 18 x 18 x 18 ins. S. E. and W. of post, 5 1/2 ft. dist. and raised a mound of earth, 2 ft. high, 4 1/2 ft. base around post.
	Land bottom, grassy - 1st rate.
	Soil 1st rate.
	Willows dense 34.57 chs.
	Timber, only scattering, along line.
	September 23. 1894.

Resurvey Subdivisions T. 3. N. R. 10. E.

Note - I do not resurvey the line between secs. 18 and 19, as I believe it is not necessary to do so, in order to close the surveys of this Tp. onto the Boundary between Utah and Wyoming which is the object of this contract, and so stated therein.

General Description

This Tp. as surveyed under this Contract, comprises for the most part mountainous lands, unfit for cultivation; the more level portions being along Mill Creek bottom, between Mill Creek and Bear River in Sec. 18. and along Bear river bottom. The Bottom lands are fit for cultivation, containing 1st rate soil - but the level bench land between Mill Creek and Bear River is covered with boulders, making the soil extremely stony and rocky.

There are no indications of mineral or coal in the Tp. nor are there any localities where stone or rock is being quarried.

Pine timber is found in good quantities in Sec. 16. 14. 15 and 13 and, especially, in Sec. 16. where it is has a good line and dense growth.

In other parts of the Tp. the pines are more scattering and aspen timber occurs in groves over nearly all the Tp. especially in Secs. 13. 14. 15 and 16.

Bear river, an important stream, passes through Sec. 19, along the course of which further down are numerous settlers and towns.

Mill Creek, is also an important stream, and runs through Sec. 17.

Considerable timber has been felled and skipped away some time since, when the Hilliard Flume and Lumber Co. were operating; the flume of which Co. passing through Sec. 17. was built to Hilliard, on the line of the Union Pacific Railway.

The mean declination for the plat, the average of 12 observations in the Tp. is 16° 42' E.

Grazing in the Tp. excepting the grass bottoms is not good at present. Herds of stock and sheep.

Resurvey Subdivisions T. 3 N. R. 10 E.

are often driven over the locality of these lands.
There is only one settler in this Tp. survey, that of Julius Pauly, whose house and barn are located in the S½ of SE¼ of Sec. 18., the NW. cor. of his house bearing N. 50° E. 6.78 chs. dist. from the ¼ sec. cor. between secs. 18 and 19. and NW. cor. of his barn bears N. 49°45' E. 4.87 chs. from said ¼ sec. cor.

Robert Gorlinski.
U. S. Dep. Surveyor.

A list of the names of the individuals employed by Robert Gorlinski, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the Guide Meridian between secs. 13 and 18 T. 3 N. between R's 8 and 9 E. Utah Boundary Sec. 4 T. 3 N. R. 8 E. and 6 E. Bdy Sec. 13 T. 3 N. R. 9 E. and R. 10 E. and subdivision lines surrounding all sections bordering on the Utah and Wyoming Boundary in T. 3 N. Rs. 8, 9 and 10 E. of the Salt Lake Base and of the Salt Lake Meridian, in Utah Territory, showing the respective capacities in which they acted:

Conrad Rock, Chainman
John Meade, Chainman
George M. Davis, Flagman
Alexander Robson, Axeman

Final Oath of Assistants:

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

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

SEAL

_____

_____

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A-257 649 649A

[4.—FINAL OATHS OF ASSISTANTS.]

We hereby certify that we assisted Robert Gorlinski, United States Deputy Surveyor, in BE surveying all those parts or portions of the Guide Meridian between secs. 13 and 18 T. 3 N. between Rs. 8 and 9 E. North Boundary Sec. 4 T. 3 N. R. 8 E. and E. Bdy Sec. 13 T. 3 N. R. 9 E. and R. 10 E. and subdivision lines surrounding all Sections bordering on the Utah and Wyoming Boundary in T. 3 N. Rs. 8 & 10 E. of the Salt Lake base and meridian in the Territory of Utah, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States Surveyor-General for Utah.

Conrad Rock Chainman.

John Meade, Chainman.

_____, Chainman.

_____, Chainman.

_____, Axeman.

Alexander Robison, Axeman.

George N Davis Flagman

Subscribed and sworn to before me this 22nd day of September 1894.

Joseph Gorlinski
Notary Public
for Salt Lake County
Utah.

Final Oath of U. S. Deputy Surveyor.

I, Robert Gorlinski, U. S. Deputy Surveyor, solemnly swear that, in pursuance of instructions received from Ellsworth Daggett, U. S. Surveyor General for Utah Territory, bearing date of the 9th day February, 1893, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for Utah Territory, [illegible] and the laws of the United States, surveyed all those parts or portions of Guide Mer. between secs. 17 and 18. T. 3 N. between Rs 8 and 9 E. North Boundary Sec. 4. T. 3 N. R. 8 E. and E. Bdy Sec. 18. T. 3 N. R. 9 E. R. 10 E. and subdivision lines surrounding all sections bordering on Utah and Wyoming Boundary in T. 3 N. Rs 8. 9. and 10 E. of the Salt Lake Base and Meridian, in the Territory of Utah, as 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 sections have been established and perpetuated in strict accordance with the surveying manual [illegible] the special written instructions of the U. S. Surveyor General for Utah Territory, and in the specific manner described in the field notes, and that the foregoing are the true field notes of such surveys 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.

Robert Gorlinski
U. S. Deputy Surveyor.

Subscribed and sworn to before me this 31st day of December 1891

David C. Dunbar Clerk
Clerk of the District Court for the Third Judicial District of Utah Territory.
By [illegible] Deputy

Approval.

Office of the U. S. Surveyor General,
Salt Lake City, Utah, Nov. 27 1895

The foregoing field notes of the survey of the Subdivision of Township 3 North Range 10 East of the Salt Lake Base and Meridian, Utah,

executed by Robert Gorlinski

and of Bank Number 89, dated February 9th, 1893, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

[illegible]
U. S. Surveyor General.
for Utah

I certify that the foregoing Summary of the field notes of the above described surveys in [illegible] R. 10 E. [illegible] has been correctly copied from the original notes on file in this office.

[illegible]
U. S. Surveyor General.
for Utah