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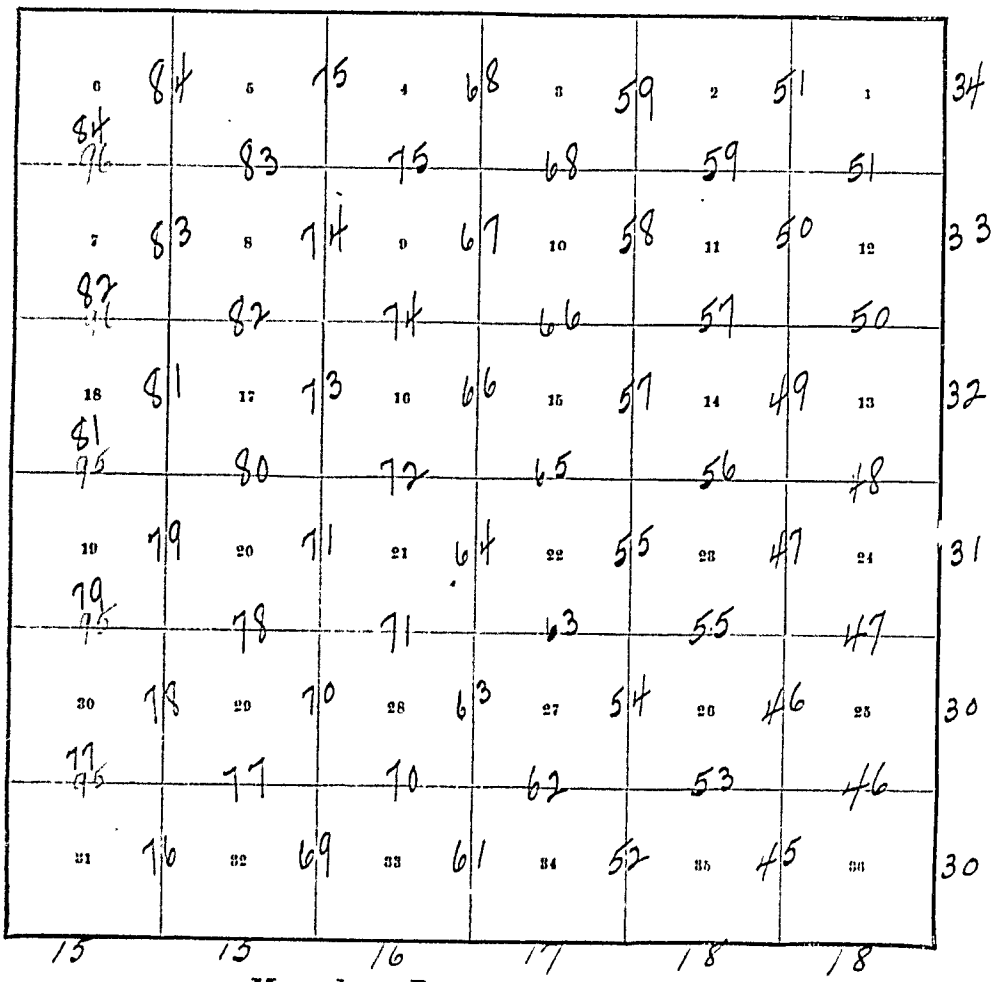
BOOK A-345

INDEX DIAGRAM.

Township 1 South, *Range* 17 West



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PRELIMINARY OATHS OF ASSISTANTS.

W[illegible] ...and...

[illegible] we will well and faithfully execute the duties of chainmen; that we will level [illegible] ground, and plumb the tally pins, either by sticking or dropping the same; th[illegible] all notable objects, and the true lengths of all lines that we assist [illegible] our skill and ability, and in accordance with instructions given us, in the survey[illegible]

[illegible] , *Chainm*[illegible]

[illegible] , *Chainm*[illegible]

[illegible] to before me this [illegible] , 190 [illegible]

SEAL

W[illegible] ...and...

[illegible] that we will well and truly perform the duties of moundmen in the establishm[illegible] [illegible]ing to the instructions given us, to the best of our skill and ability, in the survey[illegible]

[illegible] , *Moundm*[illegible]

[illegible] , *Moundm*[illegible]

[illegible] to before me this [illegible] , 190 [illegible]

SEAL

W[illegible] ...and...

[illegible] that we will well and truly perform the duties of axmen in the establishment of corn[illegible] [illegible] to instructions given us, to the best of our skill and ability, in the survey[illegible]

[illegible] , *Axm*[illegible]

[illegible] , *Axm*[illegible]

[illegible] to before me this [illegible] , 190 [illegible]

[illegible] , do solemnly swear that I will well and tr[illegible] [illegible] given me, to the best of my skill and ability, in t[illegible]

[illegible] , *Flagm*[illegible]

[illegible] , 190 [illegible]

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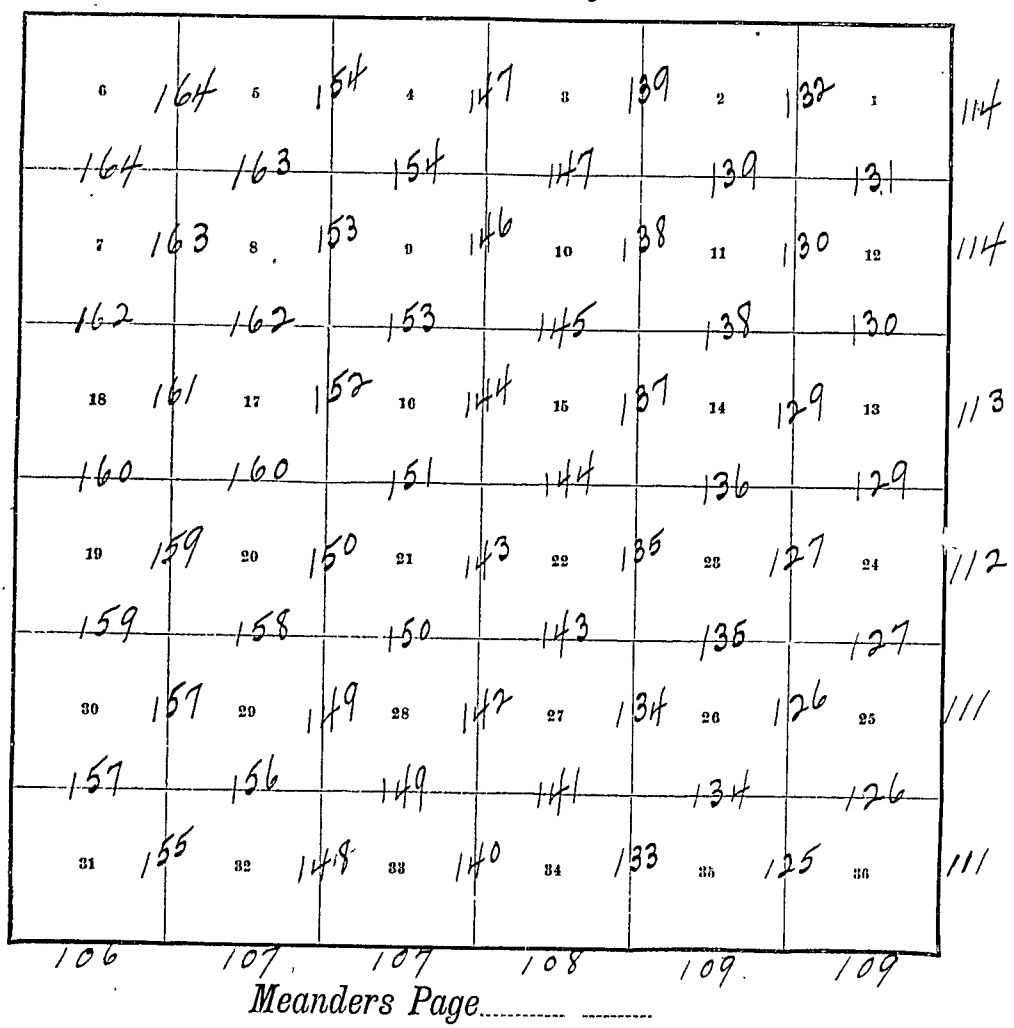
Township 1 South, *Range* 16 West



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PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____

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

_____

_____, *Chainm*

_____, *Chainm*

Subscribed and sworn to before me this _____ day of _____, 190

SEAL

_____

WE, _____ and _____

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

_____

_____, *Moundm*

_____, *Moundm*

Subscribed and sworn to before me this _____ day of _____, 190

SEAL

_____

WE, _____ and _____

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

_____

_____, *Axm*

_____, *Axm*

Subscribed and sworn to before me this _____ day of _____, 190

SEAL

_____

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

_____, *Flagm*

Subscribed and sworn to before me this _____ day of _____, 190

SEAL

_____

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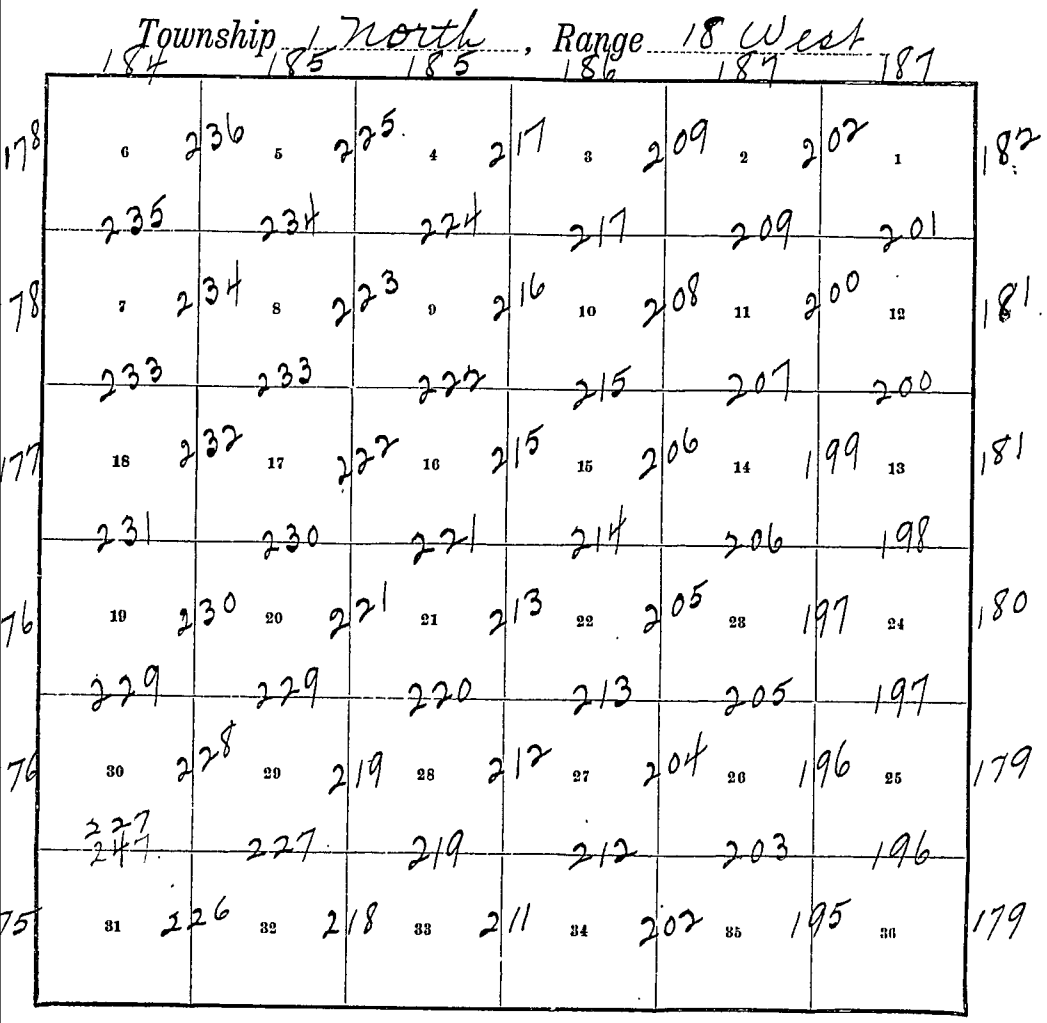
INDEX DIAGRAM.

Township 1 North, Range 18 West



Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

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

_____

_____, *Chainm*

_____, *Chainm*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

_____

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

_____

_____, *Moundm*

_____, *Moundm*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

_____

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

_____

_____, *Axm*

_____, *Axma*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

_____

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

_____, *Flagma*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

_____

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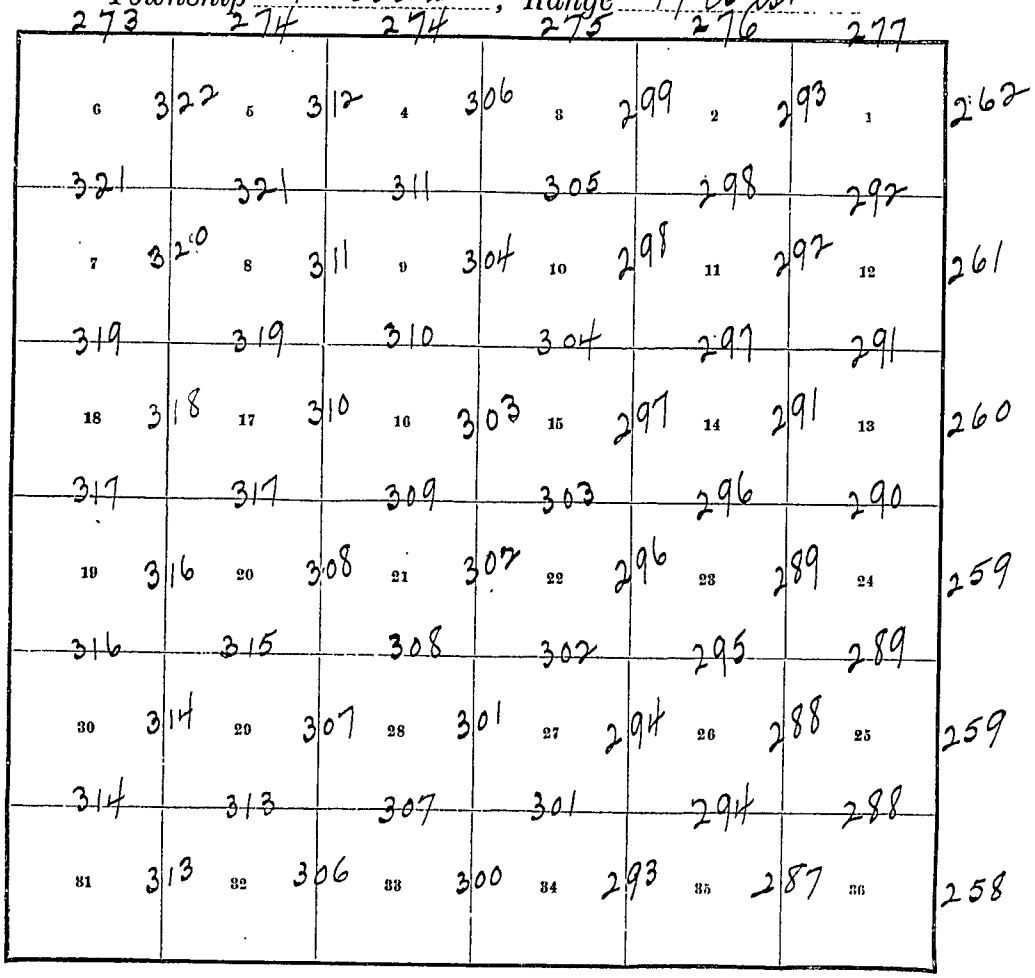
Township 1 North, Range 17 West



Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, ... and .....

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

.....

....., *Chainm*

....., *Chainm*

Subscribed and sworn to before me this .....
day of ....., 190

SEAL

.....

We, ... and .....

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

.....

....., *Moundm*

....., *Moundm*

Subscribed and sworn to before me this .....
day of ....., 190

SEAL

.....

We, ... and .....

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

.....

....., *Axm*

....., *Axm*

Subscribed and sworn to before me this .....
day of , 190

SEAL

.....

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

.....

....., *Flagm*

Subscribed and sworn to before me this .....
day of ....., 190

SEAL

.....

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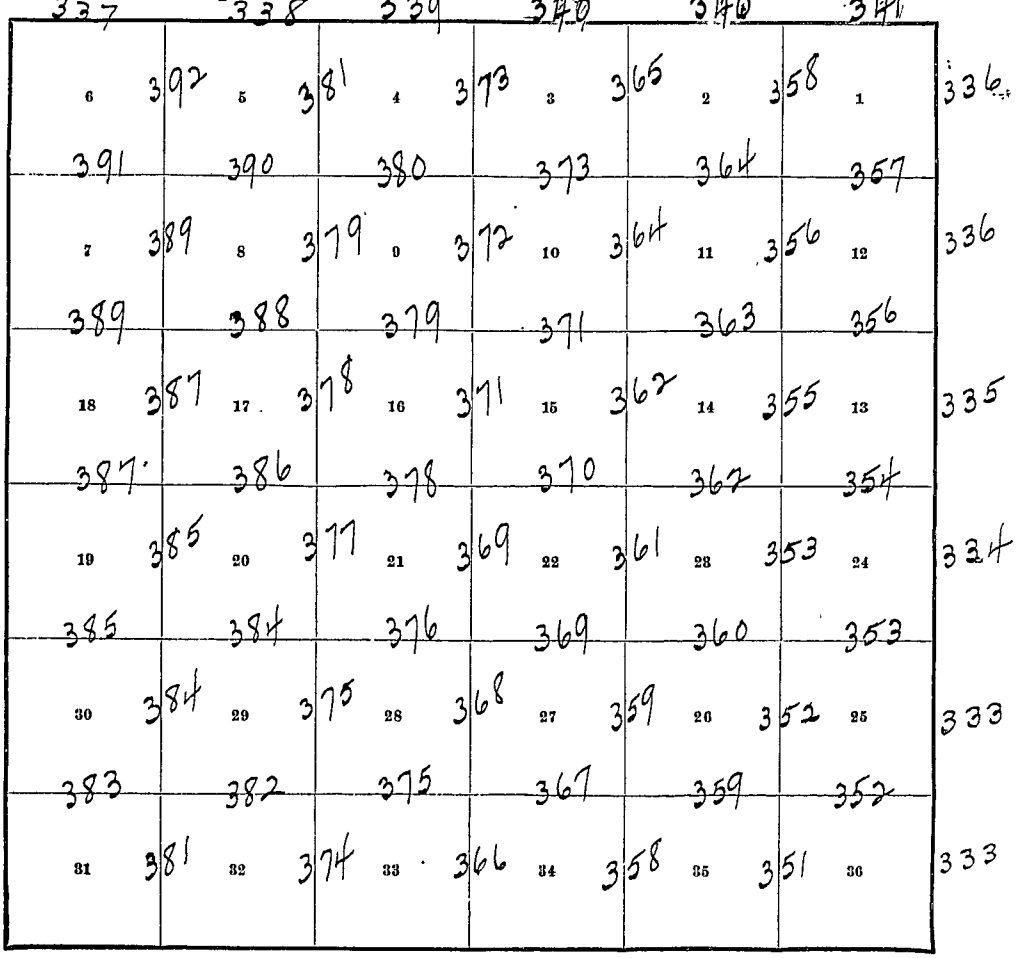
INDEX DIAGRAM.

Township 1 North, *Range* 16 West



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 i 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 _____, 190

SEAL

_____

_____

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

_____

_____, *Moundman*

_____, *Moundman*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

_____

_____

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

_____

_____, *Axman*

_____, *Axman*

Subscribed and sworn to before me this _____
day of _____, 190

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 th survey of _____

_____, *Flagman*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

_____

_____

BOOK A-345

S.

FIELD NOTES

OF THE SURVEY OF THE

SOUTH BOUNDARY

OF

TOWNSHIP NO. 1 SOUTH

RANGE NO. 17 WEST,

Of the SALT LAKE BASE AND *Meridian,*

UTAH.

AS SURVEYED BY

Alonzo J. Stookey, *United States Deputy Surveyor,*

der his Contract No. 296, *dated* March 21, 190 7.

vey commenced August 22, 190 7.

vey completed August 22, 190 7.

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BOOK A-345

NAMES AND DUTIES OF ASSISTANTS.

Ralph Gentry, Chainman.

Asael Tanner, Chainman.

Lionel J.Stookey, Moundman.

Richard Orr, Moundman.

Warren Hyman, Flagman

For preliminary affidavits see book "O" T. 1 S., R. 18 W.

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BOOK A-345

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 _____, 190

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 _____, 190

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 _____, 190

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 _____, 190

SEAL

_____

SOUTH BOUNDARY T. 1 S., R. 17 W.

Chains. Survey commenced Aug.22, 1907, and executed with the instrument described in book "A" of this survey.

At 7h 3m a.m.l.m.t. I set off 40° 41' on the lat.arc; 12° 05'N. on the decl.arc, and determine a meridian with the solar at the cor.of Tps.1 and 2 S., Rs.17 and 18 W., established by myself and heretofore described.

Thence I run

East bet.secs.6 and 31.

Over level salt bed.

37.52 Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor., marked ¼ S 31 on N.face; and 6 on S.face.

77.52 Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for cor.of secs.5, 6.31, and 32, marked

T 1 S S 32 on NE.

R 17 W S 5 on SE.

T 2 S S 6 on SW., and

S 31 on NW.face, with 5 notches on E. and 1 notch on W.edge.

Land level salt bed.

No timber.

East bet.secs.5 and 32,

Over level salt bed.

20.00 Leave salt bears N. and S.; enter level alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

SOUTH BOUNDARY T. 1 S., R. 17 W.

Chains.

¼ S 32 on N.face; and 5 on S.face.

80.00 Deposit a quart of glass, 12 ins.in the ground for cor. of secs.4,5,32 , and 33; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 S S 33 on NE.

R 17 W S 4 on SE.

T 2 S S 5 on SW., and

S 32 on NW.face; with 4 notches on E.and 2 notches on W .edge.

Land, level.

Soil, alkaline; 3d rate. 80.00 chs.;salt bed 20.00 chs.

No timber.

East bet.secs. 4 and 33,

Over level alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 33 on N.face; and 4 on S.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs. 3,4,33, and 34; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground,marked

T 1 S S 34 on NE.

R 17 W S 3 on SE.

T 2 S S 4 on SW., and

SOUTH BOUNDARY T. 1 S., R. 17 W.

Chains.

S 33 on NW.face; with 3 notches on E.and W.edges.
Land, level.
Soil, alkaline 3d rate.
No timber.

East bet.secs.3 and 34

Over level alkali land.

34.50 Begin ascent of low sand ridge, bearing N. and S. This ridge at this point is about 10 ft.high, and ends about 15 chs.south and extends about 2½ miles north with average height about 25 ft. Along its west base are numerous clay cones about the size of an Indian tent or tepee, which from a distance they resemble.

35.00 Summit of ridge; bears N. and S. Descend.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 34 on N.face; and 3 on S.face.

Aug.22: At this cor.I set off 12° 00'N.on the decl.arc and at 0h.03 m.p.m.l.m.t.observe the sun on the meridian; the resulting lat.is 40° 41'

44.00 Foot of ridge bears N. and S.; enter level alkali land.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.2,3.34, and 35; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 S.S 35 on NE.

R 17 W S 2 on SE.

T 2 S S 3 on SW., and

Chains.	
	S 34 on NW.face. with 2 notches on E. and 4 notches on W.edge.
	Land level and sand ridge.
	Soil, alkaline and sandy; 3d rate.
	No timber.
	East bet.secs. 2 and 35,
	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3 ½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 35on NW.face 2 on S.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.1,2,35, and 36; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	T 1 S S 36 on NE.
	R 17 W S 1 on SE.
	T 2 S S 2 on S W., and
	S 35 on NW.face; with 1 notch on E and 5 notches on W.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	East bet.secs.1 and 36,
	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼

SOUTH BOUNDARY T. 1 S., R. 17 W.

Chains. sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 36 on N.face; and 1 on S.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of Tps.1 and 2 S., Rs.16 and 17 W.; dig pits 24x24x 12 ins. on each line, N., S., E. and W.of cor. 5 ft. dist.; and raise a mound of earth 5 ft.base, 2½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 S S 31 on NE.,

R 16 W S 6 on SE.

T 2 S S 1 on SW. and

R 17 W S 36 on NW.face; with 6 notches on each edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

Aug.22, 1907.

For general description see notes of subdivision of this township.

Alonzo J. Stanley
U.S.Deputy Surveyor.

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PAGE

BOOK A-345

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

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

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

_____

ing the respective capacities in which they acted:

list of names and final oaths of assistants see book "Z3", *Chainman.*

T. 1 N., R. 16 W., *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

_____, United States Deputy Surveyor, in surveying all

parts or portions of the _____

_____

_____

_____ of the _____

_____ meridian, _____ of _____, which are represented

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

al for _____

_____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

_____

ribed and sworn to before me this _____

ay of _____, 190

SEAL

_____

_____

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FINAL OATH OF UNITED STATES DEPUTY

I, _____ United States solemnly swear that, in pursuance of a contract received from _____ United States Surveyor General for _____, bearing _____ day of _____, 190 , I have well, faithfully, and truly, in proper person, and in strict conformity with the instructions furnished by the United States General for _____ the Manual of Surveying Instructions, and the laws United States, surveyed all those parts or portions of _____

For final affidavit see book "Z3" T. 1 N., R. 16 W.

_____ of the _____ meridian, in the _____ of _____ which are represented in foregoing field notes as having been surveyed by me, and under my direction; and I do further swear that all the corners of said survey have been established and perpetuated in strict accordance the Manual of Surveying Instructions, and the special written instructions of the United States Su General for _____ and in the specific manner described in the field notes, and t the foregoing are the original field notes of such survey.

_____
United States Deputy

Subscribed by said _____ and sworn to before me this _____ day of _____, 190

_____

_____

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Salt Lake City, Utah May 8 1908

The foregoing field notes of the survey of the South Boundary of Township No.1 South, Range No.17 West of the Salt Lake Base and Meridian, Utah.

executed by Alonzo J. Stookey under his contract No. 256, dated March 21, 1907, having critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

[signature]
United States Surveyor

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

_____
United States Surveyor

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BOOK A-345

T.

FIELD NOTES

OF THE SURVEY OF THE

GUIDE MERIDIAN

THROUGH

TOWNSHIP NO. 1 SOUTH,

BETWEEN

RANGES 16 AND 17 WEST

Of the SALT LAKE BASE AND *Meridian,*

UTAH

AS SURVEYED BY

Alonzo J. Stookey, *United States Deputy Surveyor,*

der his Contract No. 296, *dated* March 21, 190 7

vey commenced August 22, 190 7.

vey completed August 23, 190 7.

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NAMES AND DUTIES OF ASSISTANTS.

Ralph Gentry,	Chainman.
Asael Tanner,	Chainman.
Richard Orr.	Chainman.
Lionel J.Stookey	Chainman.
Richard Orr.	Moundman.
Lionel J.Stookey,	Moundman.
Warren Eyman,	Flagman.

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BOOK A-345

PRELIMINARY OATHS OF ASSISTANTS.

We, Ralph Gentry, Richard Orr, Asael Tanner and Lionel J.Stookey 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 the Guide Meridian, Townships 1 North and 1 South, between Ranges 16 and 17 West of the Salt Lake Base and Meridian, Utah.

Asael Tanner, Chainman.
Lionel J. Stookey, Chainman.
Ralph Gentry, Richard Orr, Chainmen.

Subscribed and sworn to before me this 29th day of May, 1907.

SEAL

Lionel J. Stookey
U.S.Deputy Surveyor.

We, Lionel J.Stookey and Richard Orr do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of the Guide Meridian, through Townships 1 N. and 1 S., between Ranges 16 and 17 West of the Salt Lake Base and Meridian, Utah.

Lionel J. Stookey, Moundman.
Richard Orr, Moundman.

Subscribed and sworn to before me this 29th day of May, 1907.

SEAL

Lionel J. Stookey
U.S.Deputy Surveyor.

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 ....., 190

SEAL

.....
.....

I, Warren Eyman, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of the Guide Meridian, through Townships 1 N. and 1 S., between Ranges 16 and 17 W. of the Salt Lake Base and Meridian, Utah.

Warren Eyman, Flagman.

Subscribed and sworn to before me this 29th day of May, 1907.

SEAL

Lionel J. Stookey
U.S.Deputy Surveyor.

6-P1

GUIDE MERIDIAN THROUGH T. 1 S., BET. RANGES 16 and 17 W.

Survey commenced Aug.22, 1907 and executed with the instrument described in book "A" of this survey.

At the cor.of Tps.1 and 2 S., Rs.16 and 17 W., longitude 113° 42' 53" W.; latitude 40°40' 51" N., I set off 40° 41'on the lat.arc; 11° 57'N.on the decl.arc; and at 3 h.3 m.p.m.l.m.t.determine with the solar a meridian and mark a point thereof on a stone firmly set in the ground 5 chs.N.of the cor.

At 9 h.30m.p.m.l.m.t.I observe Polaris at eastern elongation, in accordance with Manual of Instructions, and mark a point in the line thus determined on a peg driven in the ground 5 chs.N.of my station.

August 22, 1907.

August 23: At 7 a.m.l.m.t.I lay off the azimuth of Polaris 1° 34' to the west, and mark the meridian thus determined by cutting a small groove in the stone set August 22, on which the meridian falls 0.4 ins. east of the mark determined by the solar.

At 7 h.33 m.a.m.l.m.t.I set off 40° 41' on the lat.arc; 11° 44' N.on the decl.arc; and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs.N.of my station; this mark falls 0.4 ins.east of the meridian established by the Polaris observation.

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

The magnetic bearing of the true meridian at 8 h.a. m. a.m.is N.17° 30'W.; the angle thus determined gives the mag,decl.17° 30'E.

GUIDE MERIDIAN THROUGH T. 1 S., RGE.RS.16 and 17 W.

Chains. From the cor.already described I run

North bet.secs.31 and 36

Over level alkali land.

No difference in measurement of 40.00 chs.by two sets of chainmen,

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec. cor.; dig pits 18x18x12 ins.N. and S.of cor. 4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 36 on W.face; and 31 on E.face.

Difference bet.measurements of 80.00 chs.by two sets of chainmen is 2 lks; position of middle point,

By 1st set 80.01 chs.,

By 2d set 79.99 chs., the mean of which is

80.00 Deposit a quart of glass, 12 ins.in the ground for cor. of secs.25,30,31, and 36, dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 S S 30 on NE.

R 16 W S 31 on SE.

R 17 W S 36 on SW., and

S 25 on NW.face; with 1 notch on S. and 5 notches on E.edges.

Land, level.

Soil, alkaline; 3d rate.

No timber.

North bet.secs.25 and 30,

Over level alkali land.

Difference bet.measurements of 40.00 chs.by two sets

GUIDE MERIDIAN THROUGH T. 1 S., B ET.RS.16 and 17 W.

Chains.	
	of chainmen is 1 lk. ; position of middle point,
	By 1st set 39.99½chs.
	By 2d set 40.00½chs., the mean of which is
40.00	Deposit a quart of glass, 12 ins.in the ground for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½.ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 25 on W.face, 30 on E.face.
	Difference bet.measurements of 80.00 chs.by two sets of chainmen is 1 lk.; position of middle point,
	By 1st set 79.99½chs.
	By 2d set 80.00½chs., the mean of which is
80.00	Deposit a quart of glass, 12 ins.in the ground for cor. of secs.19,24.25, and 30; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	T 1 S S 19 on NE
	R 16 W S 30 on S E.
	R 17 W S 25 on SW., and
	S 24 on NW .face, with 2 notches on S. and 4 notches on N.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	North bet.secs.19 and 24,
	Over level land.
	No difference bet.measurements of 40.00 chs.by two sets of chainmen.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼

GUIDE MERIDIAN THROUGH T. 1 S., RGS.16 and 17 W.

Chains. sec.cor. ;dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ÷ S 24 on W.face, 19 on E. face.

71.86 Telegraph line bears N.88° 31'W. and S.88° 31'E.

72.34 Western Pacific Ry.track bears N.88° 31'W. and S.88°31' E.

Difference bet.measurements of 80.00 chs.by two sets of chainmen is 1 lk.; position of middle point

By 1st set 79.99½chs.

By 2d set 80.00½chs., the mean of which is

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.13,18,19, and 24, dig pits 18x18x12 ins.in ea each sec.4 ft.dist.; and raise a mound of earth 4 ft. base 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 S S 18 on NE.

R 16 W S 19 on SE.

R 17 W S 24 on SW., and

S 13 on NW.face; with 3 notches on W. and S.edges.

Land, level.

Soil, alkaline; 3d rate.

No timber.

North bet.secs.13 and 18,

Over level alkali land.

Difference bet.measurements of 40.00 chs.by two sets of chainmen is 1 lk.; position of middle point,

By 1st set 40.00½chs.

By 2d set 39.99½chs, the mean of which is

GUIDE MERIDIAN THROUGH T. 1 S., BET.RANGES 16 AND 17 W.

Chains.

40:00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor. 4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 13 on W.face; and 18 on E.face.

Difference bet.measurements of 80.00 chs.by two sets of chainmen is 2 lks.; position of middle point,

By 1st set 80.01 chs.

By 2d set 79.99 chs., the mean of which is

80.00 Deposit a quart of glass 12 ins.in the ground, for cor. of secs. 7,12,13, and 18; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 S S 7 on NE.

R 16 W S 18 on SE.

R 17 W S 13 on SW., and

S 12 on NW .face; with 4 notches on S. and 2 notches on N.edges.

Land, level.

Soil, alkaline; 3d rate.

No timber.

North bet.secs. 7 and 12,

Over level alkali land.

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

By 1st set 40.01 chs.

By 2d set 39.99 chs.; the mean of which is

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼

GUIDE MERIDIAN THROUGH TOWNSHIP 1 SOUTH BET.RS.16 and 17 W.

Chains

sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist., and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 12 on W.face; 7 on E.face.

Difference bet.measurements of 80.00 chs.by two sets of chainmen is 1 lk; position of middle point

By 1st set 80.00½chs.

By 2nd set 79.99½chs., the mean of which is

80.00 Deposit a quart of glass 12 ins.in the ground for cor. of secs.1,6,7, and 12; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 S S 6 on NE.

R 16 W S 7 on SE.

R 17 W S 12 on SW., and

S 1 on NW.face; with 5 notches on S. and 1 notch on N.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

North bet.secs.1 and 6,

Over level alkali land.

Difference bet.measurements of 40.00 chs.by two set of chainmen is 1 lk.; position of middle point,

By 1st set 40.00½chs.

By 2d set 39.99½chs., the mean of which is

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft dist.; and raise a mound of earth 3½ ft.base, 1½ ft.

GUIDE MERIDIAN THROUGH T. 1 SOUTH. BET.RS.16 and 17 W.

Chains.	
	high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 1 on W.face; and 6 on E.face.
	Difference bet.measurements of 79.57 chs.by two sets of chainmen is 2 lks.; position of middle point
	By 1st set 79.58 chs.
	By 2d set 79.56 chs.; the mean of which is
79.57	Intersect the Salt Lake Base line 48.71 chs.east of the standard corner of Township 1 N.,Ranges 16 and 17 W. heretofore described.
	Deposit a quart of glass, 12 ins.in the ground, for closing cor.of Tp.1 S., Rs.16 and 17 W.; dig pits 30 x24x12 ins.crosswise on each line, S., E. and W.of cor.5 ft.dist.; and raise a mound of earth 5 ft.base, 2½ ft.high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	C C T 1 S on S.
	R 16 W S 6 on E. and
	R 17 W S 1 on W.face; with 6 grooves on S., E. and W.faces.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	Aug.23, 1907.

For general description see notes of subdivision of Tps.1 S., Rs.16 and 17 W.

BOUNDARIES OF T. 1 S., R. 17 W.

LATITUDES, DEPARTURES, AND CLOSING ERRORS.

Line Designated,	True Bearing	Dist.	Latitudes N.	Latitudes S.	Departures E.	Departures W.
		chs.	chs.	chs.	chs.	chs.
South Boundary	East	477.52	.....	.....	477.52	.....
Guide Meridian	North	479.57	479.57	.....	.....	.....
Salt Lake Base	West	475.99	.....	.....	.....	475.99
West Boundary	South	479.82	.....	479.82	.....	.....
Convergency						0.63
	Totals		479.57	479.82	477.52	476.62
				479.57		475.62
Error in lat. and dep.				0.25		0.99

U.S. Deputy Surveyor.

BOOK A-345

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

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

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

_____

ng the respective capacities in which they acted:

list of names and final affidavits see book "Z" Tp.1 N. _____, *Chainman.*

6 and 17 W. _____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

_____, United States Deputy Surveyor, in surveying all

parts or portions of the _____

_____

_____

_____ of the _____

_____ meridian, _____ of _____, which are represented

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

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

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

l for _____

_____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

_____

ibed and sworn to before me this _____

y of _____, 190

SEAL

_____

_____

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, [illegible] United States Deputy [illegible] that, in pursuance of a contract received from [illegible] United States Surveyor General for [illegible] bearing date [illegible] day of [illegible], 190[illegible], I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States General for [illegible], the Manual of Surveying Instructions, and the laws of United States, surveyed all those parts or portions of [illegible]

For final affidavit see book "2" Tp. 1 N., Rs. 16 and 17 W.

[illegible] of the [illegible] the [illegible] of [illegible] which are represented in foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly [illegible] all the [illegible] of said survey have been established and perpetuated in strict accordance [illegible] Manual of Surveying Instructions and the special written instructions of the United States Surveyor General for [illegible] and in the specific manner described in the field notes, and [illegible] the foregoing are the original field notes of such survey.

United States Deputy Surveyor

Subscribed by and [illegible], and sworn to before me [illegible] this [illegible] day of [illegible], 190[illegible]

[illegible]

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah. May 8, 190[illegible]

The foregoing field notes of the survey of the Guide Meridian, through Township No. 1 South, between Ranges 16 and 17 West of the Salt Lake Base and Meridian, Utah.

[illegible] Sidney J. Stanley [illegible] dated March 21, 1907, having [illegible] and the necessary corrections and explanations made, the said field notes, and [illegible] are hereby approved.

[illegible]

United States Surveyor

I certify that the foregoing [illegible] of the field notes of the above-mentioned surveys [illegible] has been correctly copied from the original notes on file in this office.

United States Surveyor

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PAGE

4—070.

BOOK A-345

U.

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION

OF

TOWNSHIP NO. 1 SOUTH,

RANGE NO. 17 WEST

Of the SALT LAKE BASE AND *Meridian,*

UTAH,

AS SURVEYED BY

Alonzo J. Stookey, *United States Deputy Surveyor,*

er his Contract No. 296, *dated* March 21, 190 7

ey commenced August 24, 190 7.

ey completed August 29, 190 7.

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BOOK A-345

NAMES AND DUTIES OF ASSISTANTS.

Ralph Gentry,	Chainman.
Asael Tanner,	Chainman.
Richard Orr,	Moundman,
Lionel J.Stookey	Moundman.
Warren Eyman,	Flagman.

For preliminary affidavits see book "F" T. 10 S., R. 5 W.

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BOOK A-345

INDEX DIAGRAM.

Township 1 South, *Range* 17 West

6	40	5	31	4	24	3	15	2	7	1	
40		39		31		24		15		7	
7	39	8	30	9	23	10	14	11	6	12	
38		38		30		22		13		6	
18	37	17	29	16	22	15	13	14	5	13	
36		36		28		21		12		4	
19	35	20	27	21	20	22	11	23	3	24	
35		34		27		19		11		3	
30	34	29	26	28	19	27	10	26	2	25	
33		32		26		18		9		1	
31	32	32	25	33	17	34	8	35	1	36	

Meanders Page

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BOOK A-345

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 _____, 190

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 _____, 190

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 _____, 190

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 _____, 190

SEAL

SUBDIVISION OF T. 1 S., R. 17 W.

Chains. Survey commenced Aug.24, 1907, and executed with the instrument described in book "A" of this survey.

At 7 h.33 m.a.m.l.m.t.I set off 40° 41' on the lat.arc 11° 24'N.on the decl.arc; and determine a meridian with the solar at the cor.of secs.1,2,35, and 36 on S.bdy.of Tp., heretofore described.

Thence I run

N.0°01'W.bet.secs.35 and 36,

Over level alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 35 on W.face; and 36 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.25,26,35, and 36.; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In S E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1S S 25 on NE.

R 17 W S 36 on SE.

S 35 on SW., and

S 26 on NW.face; with 1 notch on S. and E.edges.

Land, level.

Soil, alkaline 3d rate.

No timber.

I sight a flag set at the cor.of secs.25,30,31, and 36 on E.bdy.of Tp., and run

East on a random line bet.secs.25 and 36,

40.00 Set temp.¼ sec.cor.

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
80.00	Intersect the Guide Meridian at the cor.of secs.25,30, 31 and 36 heretofore described.
	Thence I run
	West on a true line bet.secs.25 and 36,
	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and W .of cor.4 ft. dist.; and raise a mound of earth 3½ft. base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 25 on N.face; and 36 on S.face.
80.00	The cor.of secs.25,26,35, and 36.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	N.0°01'W.bet.secs.25 and 26,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.23,24,25, and 26; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	T 1 S S 24 on NE.
	R 17 W S 25 on SE.
	S 26 on SW ., and
	S 23 on NW.face; with 1 notch on E. and 2 notches
	o

Chains.	
	on S.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.19,24,25 and 30 on E.bdy.of Tp., and run
	East on a random line bet.secs.24 and 25,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.00	Intersect Guide Meridian at the cor.of secs.19,24,25, and 30, heretofore described.
	Thence I run
	West on a true line bet.secs.24 and 25,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor. 4 ft dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 24 on N.face; and 25 on S.face.
80.00	The cor.of secs.23,24,25, and 26.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	N.0°01'W.bet.secs.23 and 24,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12

Chains.	
	ins.in the ground, marked $\frac{1}{4}$ S 23 on W.face; and 24 on E.face.
73.80	Telegraph line bears N.88° 31'W. and S.88° 31'E.
74.30	Western Pacific Ry.track, bears N. 88° 31'W. and S.88° 31'E.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor of secs.13,14,23, and 24; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit. In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked T 1 S S 13 on NE. R 17 W S 24 on SE. S 23 on S.W., and S 14 on NW.face; with 1 notch on E. and 3 notches on S.edge. Land, level. Soil, alkaline; 3d rate. No timber. Aug. 24: At this cor.I set off 11° 21'N.on decl.arc; and at 0 h.03 m.p.m.l.m.t.observe the sun on the meridian; the resulting lat.is 40° 43'

I sight a flag set at the cor.of secs.13,18,19, and 24 on E.bdy.of Tp., and run

East on a random line bet.secs.13 and 24,

40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.01	Intersect the Guide Meridian at the cor.of secs.13,18, 19, and 24, heretofore described.

Thence I run

West on a true line bet.secs.13 and 24,

Over level land.

40.00$\frac{1}{2}$	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft.

SUBDIVISION OF T. 1 S., R. 17 W.

Chains	
	dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked.
	¼ S 13 on N.face; and 24 on S.face.
80.01	The cor.of secs.13,14,23, and 24.
	Land,level.
	Soil. alkaline; 3d rate.
	No timber.

N.0°01'W.bet.secs.13 and 14,

Over level land.

40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 14 on W.face; and 13 on E.face.
80. 00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.11,12,13, and 14; dig pits 18x18x12 ins.in ea each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	T 1 S S 12 on NE.
	R 17 W S 13 on SE.
	S 14 on SW., and
	S 11 on NW.face; with 1 notch on E. and 4 notches on S.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

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Chains. I sight a flag set at the cor.of secs.7,12,13, and 18 on E.bdy.of Tp., and run

East on a random line bet.secs.12 and 13,

40.00 Set temp.¼ sec.cor.

80.00 Intersect the Guide Meridian at the cor.of secs.7,12,13 and 18, heretofore described. Thence I run

West on a true line bet.secs.12 and 13,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake, 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 12 on N.face; and 13 on S.face.

80.00 The cor.of secs.11,12,13, and 14.

Land, level.

Soil, alkaline 3d rate.

No timber.

N.0°01'W.bet.secs.11 and 12,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound ofearth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long. 2 ins.square, 12 ins.in the ground, marked

¼ S 11 on W.face; and 12 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground for cor. of secs.1,2,11, and 12; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square,

SUBDIVISION OF T. 1 S., R. 17 W.

Chains. 12 ins.in the ground, marked

T 1 S S 1 on NE.

R 17 W S 12 on SE.

S 11 on SW., and

S 2 on NW.face; with 1 notch on E. and 5 notches on S.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs.1,6,7, and 12 on E.bdy.of Tp., and run

East on a random line bet.secs.1 and 12,

40.00 Set temp.$\frac{1}{2}$ sec.cor.

79.98 Intersect the Guide Meridian at the cor.of secs.1,6,7, and 12, heretofore described.

Thence I run

West on a true line bet.secs.1 and 12,

Over level land.

39.99 Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

$\frac{1}{4}$ S 1 on N.face; and 12 on S.face.

79.98 The cor.of secs.1,2,11, and 12.

Land, level.

Soil, alkaline; 3d rate.

No timber.

N.0°01'W.bet.secs.1 and 2,

Over level land.

Chains.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake, 2 ft.long, 2ins.square, 12 ins.in the ground, marked

¼ S 2 on W.face; and 1 on E.face.

79.61 Intersect the Salt Lake Base line 8.79 chs.east of the standard ¼ sec.cor.sec.36.T.1 N.R.17 W.heretofore described.

Deposit a quart of glass, 12 ins.in the ground, for closing cor.of secs.1 and 2; dig pits 24x18x12 ins. crosswise on each line S., E. and W .of cor.4 ft. dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

C C T 1 S R 17 W on S.

S 1 on E. and

S 2 on W.face; with 1 groove on E. and 5 grooves on W.face.

Land, level.

Soil, alkaline; 3d rate.

No timber. Aug.24, 1907.

Aug.26: At 7 h.02 m.a.m.l.m.t.I set off 40° 41' on lat. arc; 10° 44'N.on decl.arc; and determine a meridian with the solar at the cor.of secs.2,3,34, and 35 on S.bdy.of Tp., heretofore described.

Thence I run

N.0°02'W.bet.secs.34 and 35,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.26,27,34, and 35; dig pits 18x18x12 ins.

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
	N. and S.of cor.4 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 34 on W.face; and 35 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.26,27,34, and 35, dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	T 1 S S 26 on NE.
	R 17 W S35 on SE.
	S 34 on SW., and
	S 27 on NW.face; with 2 notches on E. and 1.notch on S.edge.
	Land, level,
	Soil, alkaline, 3d rate.
	No timber.

	I sight a flag set at the cor.of secs.25,26,35, and 36, and run
	East on a random line bet.secs.26 and 35,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.00.	Intersect N. and S.line at the cor.of secs.25,26,35, and 36. Thence I run
	West on a true line bet.secs.26 and 35,
	Over level alkali land.
30.00	Leave alkali land, bears N. and S.; enter sandy land. Ascend.
40.00	Top of ascent bearing N. and S.,
	Deposit a quart of glass 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor. 4 ft dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
	high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 26 on N.face; and 35 [illegible] on S.face.
	Descend gently over low sand ridges bearing N. and S.
50.00	Foot of descent.
80.00	The cor.of secs.26,27,34, and 35.
	Land level and low sand ridges.
	Soil, alkaline and sandy; 3d rate.
	No timber.
	N.0°02'W.bet.secs.26 and 27,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 27 on W.face; and 26 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.22,23,26, and 27; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake, 2 ft.long, 2 ins.square 12 ins.in the ground, marked
	T 1 S S 23 on NE.
	R 17 W S 26 on SE.
	S 27 on SW., and
	S 22 on NW.face; with 2 notches on S. and E.edges.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
	I sight a flag set at the cor.of secs.23,24,25, and 26 and run
	S.89° 59'E.on a random line bet.secs.23 and 26,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
79.92	Intersect N. and S.line at the cor.of secs.23,2 4,25, and 26. Thence I run.
	N.89° 59'W.bet.secs.23 and 26, on true line,
	Over level land.
39.96	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.
	In E.pit drive a pine stake, 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 23 on N.face; 26 on S.face.
79.92	The cor.of secs.22,23,26, and 27.
	Land, level.
	Soil, alkaline; 3d rate.
	No.timber.
	N.0°02'W.bet.secs.22 and 23,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 22 on W.face; and 23 on E.face.
76.00	Telegraph line bears N.88° 31'W. and S.88° 31'E.
76.49	Western Pacific Ry. track bears N.88° 31'W. and S.88° 31'E.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.14,15,22, and 23; dig pits 18x18x12 ins.in

Chains. each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 S S 14 on NE.

R 17 W S 23 on SE.,

S 22 on SW ., and

S 15 on NW.face; with 3 notches on E. and 3 notches on S.edge;

Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs.13,14 .23, and 24 and run

East on a random line bet.secs.14 and 23.

40.00 Set temp.$\frac{1}{2}$ sec.cor.

80.00 Intersect N. and S.line at the cor.of secs.13,14,23, and 24, and run

West on a true line bet.secs.14 and 23,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, k2 ins.in the ground, marked

$\frac{1}{4}$ S 14 on N.face; and 23 on S.face.

80.00 For cor.of secs.14,15,22, and 23.

Land, level.

Soil. alkaline; 3d rate.

No timber.

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Chains.

N.0°02'W.bet.secs.14 and 15,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 15 on W.face; and 14 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.10,11,14, and 15, dig pits 1x18x12 ins.in each sec,4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 S S 11 on NE.,

R 17 W S 14 on SE.

S 15 on SW., and

S 10 on NW.face; with 2 notches on E. and 4 notches on S.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

Aug.26: At this cor.I set off 10° 38'N.on declinatr; and at 0 h.02 m.p.m.l.m.t.observe the sun on themeridian; the resulting lat.is 40° 44'N.

I sight a flag set at the cor.of secs.11,12,13, and 14 and run

S.89° 57'E.on a random line bet.secs.11 and 14,

40.00 Set temp.¼ sec.cor.

79.94 Intersect N. and S.line at the cor.of secs.11,12,13, and 14. Thence I run

N.89° 57'W.on true line bet.secs.11 and 14,

SUBDIVISION OF T. 1 S. R. 17 W.

Chains. Over level land.

35.57 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 11 on N.face; and 14 on S.face.

79.64 the cor.of secs.10,11,14, and 15.

Land, level.

Soil, alkaline; 3d rate.

No timber.

N.0°02'W.bet.secs.10 and 11,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In W.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 10 on W.face; and 11 on E.face.

Enter thin crust of salt, which gradually increases in thickness as I go north.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.2,3,10, and 11; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 S R 17 W.

2 17 W S 11 on SE.

S 10 on SW., and

S 3 on NW.face; with 2 notches on E. and 3 on

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
	on S.edge..
	Land, level.
	Soil, alkaline 3d rate; and salt crust.
	No timber.
	I sight a flag set at the cor.of secs .1,2,11, and 12 and run
	East on a random line bet.secs.2 and 11,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.00	Intersedt N. and S.line at the cor.of secs.1,2,11, and 12. Thence I run
	West on a true line bet.secs.2 and 11,
	Over level land.
40.00	Deposit a quart of glass 12 ins.in the ground, for $\frac{1}{4}$ se sec.cor.; dig pits 18x18x12 ins.E. and W .of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.
	In E.pit drive a pine stake 2 ft. long 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 2 on N.face; and 11 on S.face.
	At this point leave alkali land; enter salt land, bears N.40° E. and S.40° W.
80.00	The cor.of secs.2,3.10, and 11.
	Land level.
	Soil, alkaline; 3d rate.; and salt land.
	No timber.
	N.0°02'W.bet.secs.2 and 3,
	Over level salt bed.
40.00	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.

SURVEYS OF T. R 17 W.

0 chains. In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground,marked

¼ S 3 on W.face; and 2 on E.face.

79.61 Intersect the Salt Lake Base line 78.90 chs.east of the standard ¼ section corner, sec.35,T.1 N.R.17 W., established by myself and heretofore described.

Deposit a quart of glass, 12 ins.in the ground, for closing cor.of secs.2 and 3; dig pits 24x18x12 ins. crosswise on each line S., E., and W.of cor.4 ft.dist and raise a mound of earth 4 ft.base, 2 ft.high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

C C T 1 S R 17 W on S.

S 2 on E., and

S 3 on W.face; with 2 grooves on E. and 4 grooves on W.face.

Land, level, salt bed.

No timber. Aug.26, 1907.

Aug.26: At the cor.of secs.3,4,33, and 34 on S.bdy.of Tp., heretofore described, lat.40°40'51" N.; longitude 113° 46' 18" W., I set off 40°41'on the lat.arc 10° 35'N.on the decl.arc; and determine a meridian with the solar , and mark a point thereof on a stone firmly set in the ground 5 chs.N.of the cor.

At 5 h.10 m.p.m.l.m.t.I observe Polaris at eastern elongation, in accordance with Manual of Instructions and mark a point in the line thus determined on a peg driven in the ground 5 chs.N.of my station.

Aug.26, 1907.

SUBDIVISION OF T. 1 S., R. 17 W.

Chains. Aug.27: At 7h 2ma.m.l.m.t. I lay off the azimuth of Polaris is 1° 34' to the west and mark the meridian thus determined, by cutting a small groove in the stone set Aug.26 on which the meridian falls 0.3 ins.east of the mark determined by the solar.

At 7 h. 32 m.a.m.l.m.t.I set off 40° 41' on lat.arc; 10° 22'N.on decl.arc; and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs.N.of my station; this mark falls 0.3 ins.east of the meridian established by the Polaris observation.

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

The magnetic bearing of the true meridian at 8h.a.m. is N.17° 29'W.; the angle thus determined gives the mag.decl.17° 29' E.

From the cor.already described I run

N.0°02'W.bet.secs.33 and 34,

Over level land.

40.00 .Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 33 on W.face; and 34 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.27,28,33, and 34; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.

Chains. base, 2 ft.high over deposit.

In S E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 S S 27 on NE.

R 17 W S 34 on SE.

S 33 on SW ., and

S 28 on NW.face; with 3 notches on E. and 1 notch on S.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

East on a random line bet.secs.27 and 34,

40.00 Set temp.¼ sec.cor.

80.00 Intersect N. and S.line at the cor.of secs.26,27,34, and 35. Thence I run

West on a true line bet.secs.27 and 34,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W .of cor.4 ft dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 27 on N.face; 34 on S.face.

42.42 Begin ascent of low sand ridge bearing N. and S.

47.40 Top of ascent 25 ft.high bears N. and S.

Descend.

52.00 Foot of descent; leave sand; enter alkali land bears N. and S.

80.00 The cor.of secs.27,28,33, and 34.

Land level and low sand ridges.

Soil sandy and alkaline; 3d rate.

No tim-

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
	No timber.
	N.0°02'W.bet.secs.27 and 28,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 28 on W.face, and 27 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.21,22,27, and 28; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked T 1 S S 22 on NE. R 17 W S 27 on SE. S 28 on SW., and S 21 on NW.face; with 3 notches on E. and 2 notches on S.edge.
	Land level.
	Soil, alkaline 3d rate.
	No timber.
	East on random line bet.secs.22 and 27.
40.00	Set temp.¼ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.22,23,26, and 27. Thence I run
	West on a true line bet.secs.22 and 27,
	Over level land.
2	

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
22.66	Leave alkali land. Foot of sand ridge bearing N. and S.
25.00	Top of ridge 25 ft.high bears N. and S. descend. This sand ridge ends about 40 chs. north.
28.30	Foot of descent bears N. and S.
	Enter level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base,1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 22 on N.face; and 27 on S.face.
80.00	The cor.of secs.21,22,27, and 28.
	Land, level and low sand ridges.
	Soil, alkaline and sandy; 3d rate.
	No timber.

N.0°02'W.bet.secs.21 and 22,

	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 21 on W .face; and 22 on E.face.
78.18	Telegraph line bears N.88° 31'W. and S.88° 31'E.
78.68	Western Pacific Ry. bears N.88° 31'W. and S.88° 31'E.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor of secs.15,16,21, and 22; digkpits 18x18x12 ins.in ea each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square,

SUBDIVISION OF T 1 S . R. 17 W.

Chains.	
	12 ins.in the ground, marked
	T 1 S S 15 on NE.,
	R 17 W S 22 on SE.,
	S 21 on SW. and
	S 16 on NW.face; with 3 notches on S. and E.edges.
	Land, level.
	Soil alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.14,15,22, and 23, and run
	East on a random line bet.secs.15 and 22,
40.00	Set temp.$\frac{1}{2}$ sec.cor.;
80.0	Intersect N. and S.line at the cor.of secs.14,15,22, and 23; thence I run
	West on a true line bet.secs.15 and 22,
	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins. E. and W .of cor.4 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 15 on N.face; and 22 on S.face.
80.00	The cor.of secs.15,16,21, and 22.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	Aug.27: At this cor.I set off 1.0° 17' N.on decl.arc; and at 0 h.02 m.p.m.l.m.t.observe the sun onthe meridian; the resulting lat.is 40° 43'

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
	N.0°02'W.bet.secs.15 and 16,
	Over level alkali land.
40.00	Deposit a quart of glass, 18 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x18 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 18 ins.in the ground, marked ¼ S 16 on W.face; and 15 on E.face.
60.00	Leave alkali, bears N.60° E. and S.60° W.; enter thin crust of salt, which gradually increases in thickness as we go north.
80.00	Deposit a quart of glass, 18 ins.in the ground, for cor. of secs.9,10,15, and 16; dig pits 18x18x18 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 18 ins.in the ground, marked T 1 S S 10 on NE. R 17 W S 15 on SE., S 16 on SW., and S ¼ on NW.face; with 3 notches on E. and 4 notches on S.edge.
	Land, level.
	Soil, alkaline; 3d rate; and salt.
	No timber.
	I sight a flag set at the cor.of secs.10,11,14, and 15 and run N.89° 57'E.on a random line bet.secs.10 and 15,
40.00	Set temp.¼ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.10,11,14, and 15. Thence I run S.89° 57'W.on true line bet.secs.10 and 15,

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
	Over level land. ins.
40.00	Deposit a quart of glass, 12 ins.in the ground for $\frac{1}{4}$ sec.cor.;dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 10 on N.face; and 15 on S.face.
50.00	Leave alkali ; enter salt land.
80.00	The cor.of secs.9,10,15, and 16.
	Land, level.
	Soil, alkaline, 3d rate.; and salt.
	No timber.

N.0°02'W.bet.secs.9 and 10,

Over level salt land.

40.00	Drill a hole 4 ins.square, 12 ins.in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass,for $\frac{1}{4}$ sec.cor. marked
	$\frac{1}{4}$ S 9 on W.face; and 10 on E.face.
80.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for cor.of secs.3, 4,9, and 10, marked
	T 1 S S 3 on NE.
	R 17 W S 10 on SE.
	S 9 on SW . and
	S 4 on NW .face; with 3 notches on E. and 5 notches on S.edge.
	Land, level. salt bed.
	No timber.

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
	I sight a flag set at the cor.of secs.2,3,10, and 11 and run
	N.89° 54'E.on random line bet.secs.3 and 10,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.2,3,10, and 11. Thence I run
	S.89° 54'W.on true line bet.secs.3 and 10,
	Over level salt land.
40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor., marked
	$\frac{1}{4}$ S 3 on N.face; and 10 on S.face.
80.00	The cor.of secs.3,4,9, and 10.
	Land level salt bed.
	No timber.

	N.0°02'W.bet.secs.3 and 4,
	Over level salt bed.
40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor. mkd.
	$\frac{1}{4}$ S 4 on W.face; and 3 on E.face.
79.95	Intersect Salt Lake Base line 8.81 chs.east of standard $\frac{1}{4}$ sec.corner, sec. 34. T. 1 N., R. 17 W., established by myself and heretofore described.
	Drill a hole 4 ins. square, 12 ins.deep in the salt bed in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass for closing cor.of secs.3 and 4, marked
	C C T 1 S R 17 W on S.
	S 3 on E.face,and S 4 on W.face; with 3 grooves on E. and W.faces.

SUBDIVISION OF T. 1 S., R. 17 W.

Chains. Land, level salt bed.

No timber.

August 27, 1907.

Aug.28: At 7 h.31 m.a.m.l.m.t.I set off 40° 41' on the lat.arc; 10° 01'N.on the decl.arc; and determine a meridian with the solar, at the cor.of secs.4,5,32, and 33 on S.bdy.of Tp., established by myself and heretofore described. Thence I run

N.0°03'W.bet.secs.32 and 33,

Over level alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise amound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 32 on W.face; and 33 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground for cor. of secs.28,29,32, and 33; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 S S 28 on NE.

R 17 W S 33 on SE.

S 32 on S W., and

S 29 on NW.face; with 4 notches on E. and 1 notch on S.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
	I sight a flag set at the cor.of secs.27,28,33, and 34, and run
	S.89° 59'E.on random line bet.secs.28 and 33,
40.00	Set temp.¼ sec.cor.
79.98	Intersect N. and S.line at the cor.of secs.27,28,33, and 34. Thence I run
	N.89° 59'W.on true line bet.secs.28 and 33,
	Over level land.
39.99	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 28 on N.face; 33 on S.face.
79.98	The cor.of secs.28,29,32, and 33.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	N.0°03'W.bet.secs.28 and 29,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 29 on W.face; and 28 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.20,21,28, and 29; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square,

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
	12 ins.in the ground, marked T 1 S S 21 on NE. R 17 W S 28 on SE. S 29 on SW ., and S 20 on NW.face; with 4 notches on E. and 2 notches on S.edges.
	Land, level.
	Soil, alkaline; 3 d rate.
	No timber.
	I sight a flag set at the cor.of secs.21,22,27, and 28 and run
	East on a random line bet.secs.21 and 28
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.21,22,27, and 28. Thence I run
	West on a true line bet.secs.21 and 28
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ft.base, 1$\frac{1}{2}$ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 21 on N.face; and 28 on S.face.
80.00	The cor.of secs.20,21,28, and 29.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	N.0°03'W.bet.secs.20 and 2 1
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$

Chains. sec.cor.; dig pits 18x18x12 ins.N. and S.of dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 20 on W.face; and 21 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.16,17,20, and 21; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 S S 16 on NE.

R 17 W S 21 on SE.

S 20 on SW., and

S 17 on NW.face; with4 notches on E. and 3 notches on S.edge.

Land, level,

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs.15,16,21, and 22 and run

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

40.00 Set temp.¼ sec.cor.

80.00 Intersect N. and S.line at the cor.of secs.15,16,21, and 22. Thence I run

West on a true line bet.secs.16 and 21,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

SUBDIVISION OF T. 1 S., R. 17 W.

Chains	
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 16 on N.face; 21 on S.face.
47.00	Western Pacific Ry. bears N.88° 31'W. and S. 88° 31'E.
65.65	Telegraph line bears N. 88° 31'W. and S.88° 31'E.
80.00	The cor.of secs.16,17,20, and 21.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

N.0°03'W.bet.secs.16 and 17,

	Over level land.
0.37	Telegraph line bears N.88°31'W. and S.88° 31'E.
0.87	Western Pacific Ry. bears N.88° 31'W. and S.88° 31'E.
20.00	Enter thin crust of salt, bears N.50° E. and S.50° W.
40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor. marked ¼ S 17 on W.face; and 16 on E.face.
80.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for cor.of secs.8, 9,16, and 17, marked T 1 S S 9 on NE. R 17 W S 16 on SE., S 17 on SW., and S 8 on NW .face; with 4 notches on S. and E.edges.
	Land, level.
	Soil, alkaline, 3d rate.; and salt.
	No timber.
	Aug.28: At this cor.I set off 9° 56'N.on decl.arc; and at 0 h.01 m.p.m.l.m.t.observe the sun on the meridian; the resulting lat.is 40° 44'

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
	I sight a flag set at the cor.of secs.9.10,15, and 16, and run
	N.89° 57'E.on a random line bet.secs.9 and 16,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
79.90	Intersect N. and S.line at the cor.of secs.9,10,15, and 16. Thence I run
	S.89° 57'W.on true line bet.secs.9 and 16,
	Over level land.
39.95	Drill a hole, 4 ins.square, 12 ins.deep in salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor. marked
	$\frac{1}{4}$ S 9 on N.face; and 16 on S.face.
79.90	The cor.of secs.8,9.16, and 17.
	Land, level salt bed.
	No timber.
	N.0°03'W.bet.secs.8 and 9
	Over level salt bed.
40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor. marked
	$\frac{1}{4}$ S 8 on W.face; and 9 on E.face.
80.00	Drill a hole, 4 ins.square, 12 ins.deep in the salt bed in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass for cor.of secs.4,5, 8, and 9, marked
	T 1 S S 4 on NE.
	R 17 W S 9 on SE.
	S 8 on SW., and
	S 5 on NW.face; with 4 notches on E. and 5 notches on S.edge.
	Land, level salt bed.
	No timber.

SUBDIVISION OF T. 1 S. R. 17 W.

Chains.	
	I sight a flag set at the cor.of secs,3,4,9 and 10, and run
	N.89° 58'E.on a random line bet.secs .4 and 9
40.00	Set temp.¼ sec.cor.
79.83	Intersect N. and S.line at the cor.of secs.3,4,9, and 10. Thence I run
	S.89° 58'W.on true line bet.secs.4 and 9,
	Over level salt bed.
39.91½	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor., marked
	¼ S 4 on N.face; and 9 on S.face.
79.83	The cor.of secs.4,5,8, and 9.
	Land, level salt bed.
	No timber.

N.0°03'W.bet.secs.4 and 5,

Over level salt bed.

40.00 Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor., marked

¼ S 5 on W.face; and 4 on E.face.

80.00 Intersect Salt Lake Base line 9.00 chs.east of the standard ¼ sec.corner of sec. 33 T. 1 N., R. 17 W., established by myself and heretofore described.

Drill a hole 4 ins.square, 12 ins.deep, in salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep. with quart of glass, for closing cor.of secs.4 and 5, marked

C C T 1 S R 17 W on S.

S 4 on E. and S 5 on W.face; with 4 grooves on E. and 2 grooves on W.face.

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
	Land, level salt bed.
	No timber.
	Aug.28, 1907.
	Aug.29:
	At 7h 01m a.m.l.m.t.I set off 40° 41' on lat.arc; 9° 41'N.on decl.arc; and determine a meridian with the solar at the cor.of secs.5,6,31, and 32 on S.bdy.of Tp., established by myself and heretofore described.
	Thence I run
	N.0°04'W.bet.secs.31 and 32,
	Over level salt land.
40.00	Drill a hole, 4 ins.square, 12 ins.deep, in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.sq. 12 ins.deep, with quart of glass, for ¼ sec.cor., marked
	¼ S 31 on W.face; and 32 on E.face.
80.00	Drill a hole 4 ins.square, 12 ins.deep, in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for cor.of secs. 29,30,31, and 32, marked
	T 1 S S 29 on NE.
	R 17 W S 32 on SE.
	S 31 on SW ., and
	S 30 on NW.face; with 5 notches on E. and 1 notch on S.edge.
	Land, level,salt bed.
	No timber.
	I sight a flag set at the cor.of secs.28,29,32 and 33 and run
	N.89° 57'E.on a random line bet.secs.29 and 32,
40.00	Set temp.¼ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.28;29,32,

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.

and 33. Thence I run

S.89° 57'W.on true line bet.secs.29 and 32,

Over level land.

25.00 Leave alkali land; enter salt land, bears N. and S .

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 29 on N.face; and 32 on S.face.

80.00 The cor.of secs.29,30,31, and 32.

Land, level.

Soil, alkaline; 3d rate.; and salt.

No timber.

I sight a flag set at the cor.of secs.25,30,31 and 36, and run

S.89° 53'W,on random line bet.secs.30 and 31,

40.00 Set temp.¼ sec.cor..

77.38 Intersect W.bdy.of Tp.at the cor.of secs.25,30,31 and 36, heretofore described. Thence I run

N.89° 53'E.on true line bet.secs.30 and 31,

Over level salt land.

37.38 Deposit a quart of glass,12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 30 on N.face; and 31 on S.face.

77.38 The cor.of secs.29,30,31, and 32.

Land level salt bed.

No timber.

See Corrective Note Book 1 Page 1

Chains.	
	N.0°04'W.bet.secs.29 and 30,
	Over level salt land.
40.00	Drill a hole 4 ins.square, 12 ins.deep, in salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep. with quart of glass, for ¼ sec.cor. marked ¼ S 30 on W.face; and 29 on E.face.
80.00	Drill a hole, 4 ins.square, 12 ins.deep, in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.sq. 12 ins.deep, with quart of glass, for cor.of secs.19, 20,29, and 30, marked T 1 S. S 20 on NE. R 17 W S 29 on SE. S 30 on SW ., and S 19 on NW.face; with 5 notches on E. and 2 notches on S.edge.
	Land, level salt bed.
	No timber.
	I sight a flag set at the cor.of secs.20,21,28, and 29 and run
	N.89° 54'E.on a random line bet.secs.20 and 29,
40.00	Set temp.¼ sec.cor.
79.98	Intersect N. and S.line at the cor.of secs.20,21,28, and 29,Thence I run
	S.89° 54'W.on true line bet.secs.20 and 29,
	Over level land'
28.98	Leave alkali land; enter salt land.
39.99	Drill a hole 4 ins.square, 12 ins.deep, in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square 12 ins.deep, with quart of glass, for ¼ sec.cor. marked ¼ S 20 on N.face; and 29 on S.face.
79.98	The cor.of secs.19,20,29, and 30.
	Land, level.

SUBDIVISION OF T. 1 S., R. 17 W.

Chains. Soil, alkaline; 3d rate, and salt.
No timber.

I sight a flag set at the cor.of secs.19,24,25, and 30 and run

S.89° 45'W.on random line bet.secs.19 and 30,

40.00 Set temp.$\frac{1}{4}$ sec.cor.

77.20 Intersect W.bdy.of Tp.at the cor.of secs.19,24,25, and 30, heretofore described. Thence I run

N.89° 45'E.on true line bet.secs.19 and 30,

Over level salt bed.

87.20 Drill a hole 4 ins.square, 12 ins.deep, in salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor., m marked

$\frac{1}{4}$ S 19 on N.face; and 30 on S.face.

77.20 The cor.of secs.19,20,29, and 30.

Land, level salt bed.

No timber.

See Corrective notes Book I Page 1

N.0°04'W.bet.secs.19 and 20,

Over level salt bed.

40.00 Drill a hole 4 ins.square, 12 ins.deep, in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor. marked

$\frac{1}{4}$ S 19 on W.face; and 30 on E.face.

80.00 Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ind.square, 12 ins.deep, with quart of glass, for cor.of secs.17, 18,19, and 20, marked

T 1 S S17 on NE.

R 17 W S 20 on SE.

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
	S 19 on SW., and
	S 18 on NW.face; with 5 notches on E. and 3 notches on S.edge.
	Land, level salt bed.
	No timber.
	Aug.29: At this cor.I set off 9° 35'N.on decl.arc; and at 0 h.01m.p.m.l.m.t.observe the sun on the meridian; the resulting lat.is 40° 43'
	I sight a flag set at the cor.of secs.16,17,20, and 21 and run
	N.89° 54'E.on random line bet.secs. 17 and 20,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.02	Intersect N. and S.line at the cor.of secs.16,17,20, and 21. Thence I run
	S.89° 54'W.on true line bet.secs.17 and 20,
	Over level land.
20.02	Leave alkali land; enter salt land, bears N.40° E. and S.40° W.
40.01	Drill a hole 4 ins.square, 12 ins.deep, in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep,with quart of glass, for $\frac{1}{4}$ sec.cor. marked
	$\frac{1}{4}$ S 17 on N.face; and 20 on S.face.
80.02	The cor.of secs.17,18,19, and 20.
	Land, level.
	Soil, alkaline, 3d rate.;and salt.
	No timber.
	I sight a flag set at the cor.of secs.13,18,19, and 24 and run
	S.89°51'W.on random line bet.secs.18 and 19
40.00	Set temp.$\frac{1}{4}$ sec.cor.

See Corrective Notes Book I Page 1

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
76.98	Intersect W.bdy.of Tp. at the cor.of secs.13,18,19, and 24, heretofore described. Thence I run N.89° 51'E.on true line bet.secs.18 and 19
	Over level salt land.
36.98	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 112 ins.deep, with quart of glass, for ¼ sec.cor. marked ¼ S 18 on N.face; and 19 on S.face.
76.98	The cor.of secs.17,18,19, and 20.
	Land, level salt bed.
	No timber.

See Correction Notes Book I Page 1.

N.0°04'W.bet.secs.17 and 18

Over level salt bed.

2.54	Telegraph line bears N.88° 31'W. and S.88° 31'E.
3.06	Western Pacific Ry.bears N.88° 31'W. and S.88° 31'E.
40.00	Drill a hole 4 ins.square, 12 ins.deep, in the salt bed in which I set a pine stake 2 ft.long, 2ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor., marked ¼ S 18 on W.face; and 17 on E.face.
80.00	Drill a hole 4 ins.square,12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass for cor.of secs.7, 8,17, and 18, marked T 1 S S 8 on NE. R 17 W S 17 on SE. S 18 on SW., and S 7 on NW.face; with 5 notches on E. and 4 notches on S.edge.
	Land, level salt bed.
	No timber.

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
	I sight a flag set at the cor.of secs.8,9,16, and 17, and run
	N.89° 54'E.on a random line bet.secs.8 and 17,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.8,9,16, and 17; thence I run
	S.89° 54'W.on true line bet.secs.8 and 17,
	Over level salt bed.
40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor. marked
	$\frac{1}{4}$ S 8 on N.face; and 17 on S.face.
80.00	The cor.of secs.7,8,17, and 18.
	Land, level salt bed.
	No timber.

	I sight a flag set at the cor.of secs.7,12,13, and 18 and run
	S.89° 52'W.on random line bet.secs.7 and 18
40.00	Set temp.$\frac{1}{4}$ sec.cor.
76.79	Intersect W.bdy.of Tp. at the cor.of secs.7,12,13, and 18 heretofore described.
	Thence I run
	N.89° 52'E.on true line bet.secs.7 and 18,
	Over level salt bed.
36.79	Drill a hole 4 ins.square, 12 ins.deep, in salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor. marked $\frac{1}{4}$ S 7 on N.face; and 18 on S.face.
76.79	The cor.of secs.7,8,17, and 18.
	Land, level salt bed.
	No timber.

See Corrective Notes Book 1 Page 2

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.

N.0°04'W.bet.secs.7 and 8,

Over level salt bed.

40.00 Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor., marked

$\frac{1}{4}$ S 7 on W.face; and 8 on E.face.

80.00 Drill a hole 4 ins.square, 12 ins.deep in the salt bed in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for cor.of secs. 5, 6,7, and 8, marked

T 1 S S 5 on NE.

R 17 W S 8 on SE.

S 7 on SW., and

S 6 on NW.face; with 5 notches on S.and E.edges.

Land, level salt bed.

No timber.

I sight a flag set at the cor.of secs.4,5,8, and 9, and run

N.89° 53'E.on random line bet.secs.5 and 8

40.00 Set temp.$\frac{1}{4}$ sec.cor.

79.97 Intersect N.and S.line at the cor.of secs.4,5,8, and 9.

Thence I run

S.89°53'W.on true line bet.secs.5 and 8,

Over level salt bed.

39.98½ Drill a hole 4 ins.square 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor., marked

$\frac{1}{4}$ S 5 on N.face; and 8 on S.face.

79.97 The cor.of secs.5,6,7, and 8.

Land, level salt bed.

No timber.

SUBDIVISION OF T. 1 S., R. 17 W.

Chains.	
	I sight a flag set at the cor.of secs.1,6,7, and 12, and run
	S.89° 50'W.bet.secs.6 and 7, on random line,
40.00	Set temp.$\frac{1}{2}$ sec.cor.
76.60	Intersect W.bdy.of Tp.at the cor.of secs.1,6,7, and 12 heretofore described. Thence I run
	N.89° 50'E.on true line bet.secs.6 and 7,
	Over level salt bed.
36.60	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine post 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor. marked $\frac{1}{4}$ S 6 on N.face; and 7 on S.face.
76.60	The cor.of secs.5,6,7, and 8.
	Land, level salt bed.
	No timber.

See Corrective Notes Book 1 Page 2.

N.0°04'W.bet.secs.5 and 6,

Over level salt bed.

40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor. marked
	$\frac{1}{4}$ S 6 on W.face, and 5 on E.face.
79.93	Intersect the Salt Lake Base line 9.15 chs.east of St. $\frac{1}{4}$ sec.cor. sec.32,T.1 N.R.17 W.heretofore described.
	Drill a hole 4 ins.square, 12 ins.deep, in the salt bed in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass deposit, for closing cor.of secs.5 and 6, marked
	C C T 1 S R 17 W on S.
	S 5 on E. and
	S 6 on W.face; with 5 grooves on E. and 1 groove on W.face.
	Land, level salt bed.

SUBDIVISION OF T. 1 S., R. 17 W.

Chains. No timber.

August 29, 1907.

GENERAL DESCRIPTION.

This township is one vast tract of level, alkali land, except a low sand ridge in the south central or southwestern part.

Aside from a scattering growth of greasewood and other low shrubs on this ridge and on small knolls near it, the township is destitute of vegetation.

Along the west base of this ridge are a number of peculiar clay knolls or mounds. They are so near the size and shape of the ordinary Indian wigwam, that at a little distance they might be readily taken for such.

Only a portion of this township, along the west side and in the northwest corner, contains enough salt to be of commercial value; the remainder, aside from the ridge above mentioned, being an alkali flat.

There is but little of either vegetable or animal life in the township; no mineral, except salt; and no signs of human existence, except the Western Pacific Railway and telegraph line mentioned in the field notes.

Alonzo J. Hoxsey

U.S. Deputy Surveyor.

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PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

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

_____

showing the respective capacities in which they acted:

or list of names and final oaths of assistants see book "Z4", *Chainman.*

T. 1 N., R.16 W., *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

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

_____

_____

_____ of the _____

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

_____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

_____

Subscribed and sworn to before me this _____ day of _____, 190

_____

SEAL

_____

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BOOK A-345

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from _____ United States Surveyor General for _____, bearing date of t _____ day of _____, 190 , I have well, faithfully, and truly, in my o proper person, and in strict conformity with the instructions furnished by the United States Surve General for _____, the Manual of Surveying Instructions, and the laws of t United States, surveyed all those parts or portions of _____ For final affidavit see book "Z[4] " T. 1 N., R. 16 W. _____ _____ _____ _____ of the _____ _____ meridian, in the _____ of _____, which are represented in t foregoing field notes as having been surveyed by me, and under my direction; and I do further solem swear that all the corners of said survey have been established and perpetuated in strict accordance wi the Manual of Surveying Instructions, and the special written instructions of the United States Survey General for _____ and in the specific manner described in the field notes, and tl the foregoing are the original field notes of such survey.

_____
United States Deputy Survey

Subscribed by said _____, and sworn to before me this _____ day of _____, 190

SEAL

_____

_____

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, May 8, 190

The foregoing field notes of the survey of the subdivisional lines of Townshi No.1 South, Range No.17 West of the Salt Lake Base and Meridian, Utah, _____ _____ _____ _____ _____

executed by Alonzo J.Stookey under his contract No. 296, dated March 21, 190 7, having be critically examined, and the necessary corrections and explanations made, the said field notes, and t surveys they describe, are hereby approved.

Thomas Hull
United States Surveyor Genera

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

_____
United States Surveyor Genera

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4—679.

1.

BOOK A-345

CORRECTIVE

FIELD NOTES

To Book "U" Original Notes

OF THE SURVEY OF THE

SEP 2 1908

FILED

SUBDIVISION

OF

TOWNSHIP 1 SOUTH, RANGE 17 WEST

Of the SALT LAKE BASE AND *Meridian,*

UTAH,

AS SURVEYED BY

Alonzo J. Stookey, *United States Deputy Surveyor,*

under his Contract No. 290, *dated* March 31, 1907.

Survey commenced July 12, 1908

Survey completed July 12, 1908

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BOOK A-345

NAMES AND DUTIES OF ASSISTANTS.

David Sharp Jr.,	Chainman.
Lionel J.Stookey,	Chainman.
Lionel J.Stookey,	Moundman.

Volume
#
R0345

BOOK A-345

INDEX DIAGRAM.

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

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

Meanders Page.....

LOOK A-345

PRELIMINARY OATHS OF ASSISTANTS.

We, David Sharp Jr. and Lionel J.Stookey

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; t we will report the true distances to all notable objects, and the true lengths of all lines that we may measure, to the best of our skill and ability, and in accordance with instructions given us, in the corrective survey of the subdivision of T.10 S., R. 5 W.; T. 4 S. R.10 W.; and T.1 S. R 17 W.of the Salt Lake Base and Meridian, Utah.

David Sharp Jr., Chainm

Lionel J Stookey, Chainm

Subscribed and sworn to before me this 12th day of July, 1908.

SEAL

[signature] Notary Public

We, I, Lionel J.Stookey and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishm of corners, according to the instructions given me, to the best of my skill and ability, in the corrective survey of the subdivision of T. 10 S., R. 5 W.; T. 4 S., R. 10 W.; and T.1 S. 17 W.of the Salt Lake Base and Meridian, Utah.

Lionel J Stookey, Moundm

Moundm

Subscribed and sworn to before me this 12th day of July, 1908.

SEAL

[signature] Notary Public

We, and

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

Axm

Axm

Subscribed and sworn to before me this day of , 190

SEAL

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

Flagm

Subscribed and sworn to before me this day of , 190

SEAL

6—151

CORRECTIVE NOTES

SUBDIVISION OF T. 1 S., R. 17 W.

Chains. July 13, 1908, at 9h 5m a.m.l.m.t.I set off 40° 42 'on lat.arc; 21° 59'N.on decl.arc; and determine a meridian with the solar at the cor.of secs.25,30,31, and 36, on W.bdy.of Tp. as set by me and heretofore described.

The cor.of secs.29,30,31, and 32 being plainly visible, I run

S.89° 50'E. bet.secs.30 and 31 for said cor.

37.16 Intersect the $\frac{1}{2}$ sec.cor.

77.16 Intersect the cor.of secs.29,30,31, and 32.

See original notes Book U page 33

From the cor.of secs.15,24,25, and 30 on W.bdy.of Tp., as set by me and heretofore described, the cor.of secs.19,20,29, and 30 is plainly visible; therefore I run

S.89° 48'E. bet.secs.19 and 30, for said cor.

36.82 Intersect the $\frac{1}{4}$ sec.cor.

76.82 Intersect the cor.of secs.19,20,29, and 30.

See original notes Book U page 35

From the cor.of secs.13,18,19, and 24, on W.bdy.of Tp. as set by me and heretofore described, the cor.of secs.17,18,19, and 20 is plainly visible; therefore I run

S.89° 52'E.bet.secs.18 and 19 for said corner,

36.50 Intersect the $\frac{1}{2}$ sec.cor.

76.50 Intersect the cor.of secs.17,18,19, and 20.

See original notes Book U page 36&37

CORRECTIVE NOTES

See original notes book U. page 38

Chains. From the cor. of secs. 7, 12, 13, and 18 on the W. Tp. as set by me and heretofore described the cor. of secs. 7, 8, 17, and 18 is plainly visible; therefore I run

S. 89° 58' E. bet. secs. 7 and 18 for said corner,

36.29 Intersect the ¼ sec. cor.

76.29 Intersect the cor. of secs. 7, 8, 17, and 18.

See original notes book U. page 40

From the cor. of secs. 1, 6, 7, and 12, on the W. bdy. of Tp. as set by me and heretofore described, the cor. of secs. 5, 6, 7, and 8 is plainly visible, I sight the said cor., and find the bearing of the line between secs. 6 and 7 to be east, and the distance as originally returned.

July 12, 1908.

[signature]

U. S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

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

_____

owing the respective capacities in which they acted:

or list of names and final oaths of assistants see book 6, *Chainman.*

T.10 S., R. 5 W.

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

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

_____

_____

_____ of the _____

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

_____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

_____

Subscribed and sworn to before me this _____ day of _____, 190

SEAL

_____

_____

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BOOK A-345

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ..., United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from ..... United States Surveyor General for ....., bearing date of ..... day of ....., 190 , I have well, faithfully, and truly, in my o proper person, and in strict conformity with the instructions furnished by the United States Surve General for ....., the Manual of Surveying Instructions, and the laws of United States, surveyed all those parts or portions of .....

For final affidavit see book 6, Tp. 10 S., R. 5 W.

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

.....meridian, in the.....of....., which are represented in foregoing field notes as having been surveyed by me, and under my direction; and I do further solem swear that all the corners of said survey have been established and perpetuated in strict accordance w the Manual of Surveying Instructions, and the special written instructions of the United States Surve General for.....and in the specific manner described in the field notes, and t the foregoing are the original field notes of such survey.

United States Deputy Surve

Subscribed by said....., and sworn to before me this..... day of....., 190

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 4, 190

The foregoing field notes of the survey of corrective subdivision of Township No. 1 S., Range No. 17 West of the Salt Lake Base and Meridian, Utah,

executed by Alonzo J. Stookey under his contract No. 296, dated March 21, 190 7, having b critically examined, and the necessary corrections and explanations made, the said field notes, and corrective surveys they describe, are hereby approved.

Thomas Hall

United States Surveyor Gene

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

United States Surveyor Gene

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PAGE

4—679.

BOOK A-345

V.

FIELD NOTES

OF THE SURVEY OF THE

SOUTH AND EAST BOUNDARIES

OF

TOWNSHIP NO. 1 SOUTH

RANGE NO. 16 WEST

Of the SALT LAKE BASE AND *Meridian,*

U T A H,

AS SURVEYED BY

Alonzo J. Stookey, *United States Deputy Surveyor,*

nder his Contract No. 296, *dated* March 21, 1907.

urvey commenced Aug. 29, 1907.

urvey completed Aug. 30, 1907.

6—151

South Com 5.77 62
East " 5.78 95
Chains 46 03

11.76 45

BOOK A-345

NAMES AND DUTIES OF ASSISTANTS.

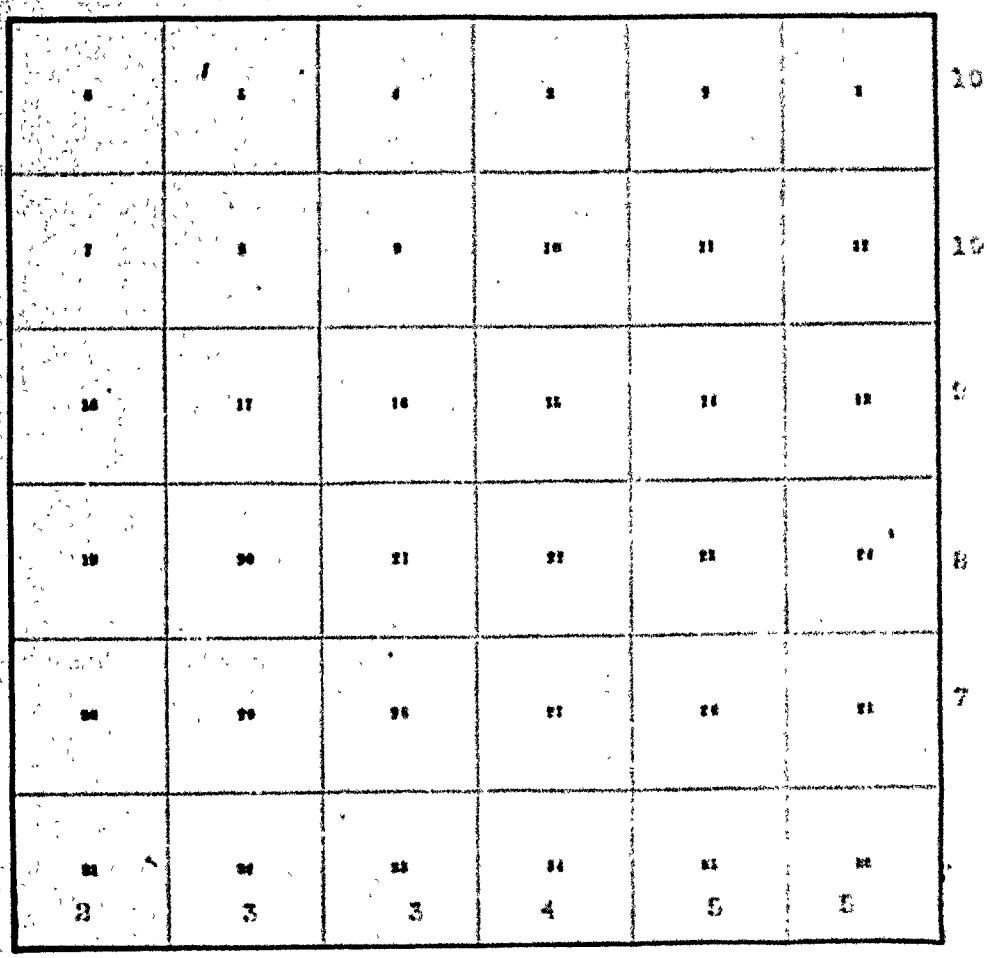
Ralph Gentry,	Chainman.
Asael Tanner,	Chainman.
Richard Orr,	Moundman.
Lionel J.Stookey,	Moundman.
Warren Eymon,	Flagman.

For preliminary affidavits see book "Q" T.1 S., R. 18 W.

BOOK A-345

INDEX DIAGRAM.

Township 1 South , *Range* 16 W mt



Meanders Page

PRELIMINARY OATHS OF ASSISTANTS.

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

_____, *Chain*

_____, *Chain*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

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

_____, *Mound*

_____, *Mound*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

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

_____, *Ax*

_____, *A.*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

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

_____, *Flag*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

Chains

Survey commenced Aug.29, 1907, and executed with the instrument described in book"A"of this survey.

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

At the cor.of Tps.1 and 2 S., Rs.16 and 17 W. set by me and heretofore described; lat.40° 40' 51" N.; long. 113° 42' 53" W., I set off 40° 41'on the lat.arc, 9°33' N.on the decl.arc; and at 3 h.0 1 m.p.m.l.m.t. determine with the solar a meridian and mark a point thereof on a stone firmly set in the ground, 5 chs. N of the cor.

At 9h.03m.p.m.l.m.t.I observe Polaris at eastern elongation in accordance with Manual of Instructions, and mark a point in the line thus determined, on a peg driven in the ground 5 chs.N.of my station.

August 29, 1907.

Aug.30: At 6 h.30m. a.m.l.m.t.I lay off the azimuth of Polaris 1°34' to the west and mark the meridian thus determined by cutting a small groove in the stone set Aug.29 on which the meridian falls 0.4 ins.E.of the mark determined by the solar.

At 7 h.01m.a.m.l.m.t.I set off 40° 41' on the lat.arc 9°20' N.on the decl.arc; and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs.N.of my station; this mark falls 0.3 ins. east of the meridian established by the Polaris observation.

The solar apparatus by p.m. and a.m.observations define

SO

Chains. positions for meridians respectively about 0°21' W. and 0°16' E. of the meridian established by the Polaris observations; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 8 h. 20 m. a.m. is 17 29' W.; the angle thus determined gives the mag. decl. 17° 29' E.

From the Tp. cor. already described I run

East on true line bet. secs. 6 and 31,

Over level land.

37.52 Deposit a quart of glass, 12 ins. in the ground, for ¼ sec. cor.; dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit.

In E. pit drive a pine stake, 2 ft. long, 2 ins. sq., 12 ins. in the ground; marked [illegible] earth 2 ft.

¼ S 31 on N. face; and S 6 on S. face.

77.52 Deposit a quart of glass, 12 ins. in the ground, for co cor. of secs. 5, 6, 31, and 32; dig pits 18x18x12 ins. in each sec. 4 ft. dist.; and raise a mound of earth 4 ft. base 2 ft. high over deposit.

In S.E. pit drive a pine stake, 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked

T 1 S S 32 on NE.,

R 16 W. on SE.

T 2 S S 6 on SW., and

S 31 on NW. face; with 5 notches on E. and 1 notch on W. edges.

Land, level.

Soil, alkali; 4th rate.

No timber.

SOUTH BOUNDARY T. 1 S. R. 16 W.

Chains.

East bet.secs.5 and 32,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor. 4 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high over deposit.

In E.pit drive a pine stake, 2 ft.long, 2 ins.Sq., 12 ins.in the ground, marked

$\frac{1}{4}$ S 32 on N.face; and 5 on S.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.4,5,32, and 33; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base 2 ft.high over deposit.

In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S S 33 on NE.,

R 16 W S 4 on SE.,

T 2 S S 5 on SW.

S 32 on NW.face; with 4 notches on E. and 2 notches on W.edges.

Land, level,

Soil, alkali; 4th rate.

No timber.

East bet.secs.4 and 33,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor. 4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.

In E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

$\frac{1}{4}$ S 4 on S.face; and 33 on N.face.

SOUTH BOUNDARY OF T. 1 S., R. 16 W.

Chains.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.3,4,33, and 34, dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S S 34 on NE.

R 16 W S 3 on SE.,

T 2 S S 4 on SW., and

S 33 on NW. face; with 3 notches on E. and W.edges,

Land, level.

Soil, alkali; 4th rate.

No timber.

East bet.secs.3 and 34,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground;form ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

½ S 34 on N.face; and 3 on S.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.2,3,34, and 35; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.sq.. 12 ins.in the ground, marked

T 1 S S 35 on NE.

R 16 W S 2 on SE.,

T 2 S S 3 on SW., and

S 3¼ on NW.face; with 2 notches on E. and 4

SOUTH BOUNDARY T 1 S., R. 16 W.

Chains.	
	notches on W.edges.
	Land, level.
	Soil, alkali; 4th rate.
	No timber.
	East bet.secs.2 and 35,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor. 4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked ¼ S 35 on N.face; and 2 on S.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, or cor. of secs.1,2.35 and 36, dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base 2 ft.high over deposit.
	In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked T 1 S S 36 on NE., R 16 W S 1 on SE., T 2 S S 2 on SW.,.and S 35 on NW.face; with 1 notch on E. and 5 notches on W.edges.
	Land, level.
	Soil, alkali; 4th rate.
	No timber.
	East bet.secs.1 and 36,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4

SOUTH BOUNDARY T. 1 S., R. 16 W.

Chains.	
	ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.
	In E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked ¼ S 36 on N.face; and 1 on s.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of Tps.1 and 2 S., Rs.15 and 16 W.; dig pits 24x24x12 ins.on each line N., S.E. and W. of cor.5 ft.dist.; and raise a mound of earth 5 ft.base, 2½ ft.high over deposit.
	In E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked T 1 S S 31 on NE., R 15 W S 6 on SE., T 2 S S 1 on SW., and R 16 W S 36 on NW.face; with 6 notches on each edge;
	Land, level.
	Soil, alkali; 4 th.rate.
	No timber.
	Aug.30, 1907.

For general description see notes of subdivision of this township.

EAST BOUNDARY T. 1 S., R. 16 W.

Chains. August 30, At the cor.of Tps.1 and 2 S., Rs.15 and 16 W., set by me and heretofore described, I set off 2° 14'' W.on the decl.arc and at 9 h 01 m. p.m. l.m.t.observe the sun on the meridian; the resulting lat.is 40° 41'

Thence I run

North bet.secs.31 and 36,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for 1/4 sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground,marked

1/4 S 36 on W.face; 31 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.25,30,31, and 36, dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S S 30 on NE.,

R 15 W S 31 on SE.,

R 16 W S 36 on SW., and

S 25 on NW.face; with 1 notch on S. and 5 notches on N.edges.

Land, level.

Soil, alkali; 4th rate.

No timber.

North bet.secs.25 and 30,

Over level land.

EAST BOUNDARY T. 1 S., R. 16 W.

Chains.	
40.00	Deposit a quart of glass, 12 ins.in the ground for ¼ sec.cor., dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit. In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground marked ¼ S 25 on W.face; and 30 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.19,24,25, and 30; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit. In S.E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked T 1 S S 19 on NE. R 15 W S 30 on SE. R 16 W S 25 on SW., and S 24 on NW.face; with 2 notches on S. and 4 notches on N.edges. Land, level. Soil, alkali; 4th rate. No timber.

North bet.secs.19 and 24

Over level land.

40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit. In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked ¼ S 24 on W.face; and 19 on E.face.
57.44	Telegraph line bears N.88°31'W.and S.88° 31'E.,
57.84	Western Pacific Ry.track bears N.88°31'W.and S.88°31'E.

EAST BOUNDARY T. 1 S., R. 16 W.

Chains.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.13,18,19, and 24; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.

In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S S 18 on NE.

R 15 W S 19 on SE.

R 16 W S 24 on S W . and

S 13 on NW.face; with 3 notches on N. and S.edges.

Land, level.

Soil, alkali; 4th rate.

No timber.

North bet.secs. 13 and 18,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

¼ S 13 on W.face; and 18 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.7,12,13, and 18; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.

In SE pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S S 7 on NE.

R 15 W S 18 on SE.

R 16 W S 13 on SW., and

S 12 on NW.face; with 4 notches on S. and 2

EAST BOUNDARY T. 1 S. R. 16 W.

Chains.	
	notches on N.edges.
	Land, level.
	Soil alkali; 4th rate.
	No timber.
	North bet.secs.7 and 12,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 12 ft. high over deposit.
	In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked
	¼ S.12 on W.face; and 7 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground for cor. of secs.1,6,7, and 12; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base 2 ft.high over deposit.
	In SE pit drive a pine stake, 2 ft.long, 2 ins.sq, 12 ins.in the ground, marked
	T 1 S S 6 on NE.,
	R 15 W S 7 on SE.
	R 16 W S 12 on SW., and
	S 1 on NW.face; with 5 notches on S. and 1 notch on N.edges.
	Land level.
	Soil, alkali; 4th rate.
	No timber.
	North bet.secs.1 and 6,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4

Chains.	
	ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked ¼ S 1 on W.face; and 6 on E.face.
78.93	Intersect the Salt Lake Base line 46.03 chs.E.of the standard corner of Township 1.N.Rs.15 and 16.W. heretofore described.
	Deposit a quart of glass, 12 ins.in the ground for closing cor.of Tp.1 S., Rs.15 and 16 W.; dig 30x24x12 ins.crosswise on each line S., E., and W.of cor.5 ft. dist.; and raise a mound of earth 5 ft.base, 2½ ft. high over deposit.
	In E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked C C 1 S on S. R 15 W S 6 on E., R 16 W S 1 on W.face, with 6 grooves on S., E., and W.faces.
	Land, level.
	Soil, alkali; 4th rate.
	No timber.
	Aug.30, 1907.

For general description see notes of subdivision of this township.

BOUNDARIES OF T. 1 S., R. 18 W.

LATITUDES, DEPARTURES, AND CLOSING ERRORS.

Line Designated,	True Bearing	Dist. chs.	Latitudes N. chs.	Latitudes S. chs.	Departures. E. chs.	Departures. W. chs.
South Boundary	East	477.52	.....	.....	477.52	.....
East Boundary	North	478.93	478.93	.....	.....	.....
Salt Lake Base	West	477.32	.....	.....	.....	477.32
Guide Meridian	South	479.57	.....	479.57	.....	.....
Convergency						0.63
Totals			478.93	479.57	477.52	477.95
				478.93		477.52
Error in lat. and dep.				0.64		0.43

U.S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

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

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

_____

ring the respective capacities in which they acted:

list of names and final oaths of assistants see book "Z[3]", W. T., *Chainman.*

T. 1 N., R. 16 W., *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

_____, United States Deputy Surveyor, in surveying all

e parts or portions of the _____

_____

_____

_____ of the _____

_____ meridian, _____ of _____, which are represented

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

eral for _____

_____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

_____

scribed and sworn to before me this _____

day of _____, 190

_____

SEAL

_____

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ..., United States Deputy Survey
solemnly swear that, in pursuance of a contract received from .....
United States Surveyor General for ....., bearing date
..... day of ....., 190 , I have well, faithfully, and truly, in m
proper person, and in strict conformity with the instructions furnished by the United States Su
General for ....., the Manual of Surveying Instructions, and the laws
United States, surveyed all those parts or portions of .....

For final affidavit see book "Z[3]" T. 1 N., R. 16 W.

.....of the.....
..... meridian, in the ..... of ....., which are represented
foregoing field notes as having been surveyed by me, and under my direction; and I do further sol
swear that all the corners of said survey have been established and perpetuated in strict accordanc
the Manual of Surveying Instructions, and the special written instructions of the United States Su
General for .....and in the specific manner described in the field notes, an
the foregoing are the original field notes of such survey.

United States Deputy Sur

Subscribed by said ....., and sworn to before me
this ..... day of 190

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Salt Lake City, Utah, May 8,

The foregoing field notes of the survey of the South and East boundaries of
Township No.1 South, Range No. 16 West of the Salt Lake Base and
ridian, Utah,

executed by Alonzo J.Stookey
under his contract No. 296, dated March 21, 190 7, havin
critically examined, and the necessary corrections and explanations made, the said field notes, a
surveys they describe, are hereby approved.

Thomas Bell

United States Surveyor Ge

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

United States Surveyor Ge

6—151

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C.L.G.

4—679.

BOOK A-345

W.

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION

OF

TOWNSHIP NO. 1 SOUTH

RANGE NO. 16 WEST

Of the Salt Lake Base and *Meridian,*

Utah

AS SURVEYED BY

Alonzo J. Stookey, *United States Deputy Surveyor,*

der his Contract No. 296, *dated* March 21, 190 7.

vey commenced August 31, 190 7.

vey completed September 5, 190 7.

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57-63-16

30.62

BOOK A-345

NAMES AND DUTIES OF ASSISTANTS.

Ralph Gentry,	Chainman.
Asael Tanner,	Chainman.
Richard Orr,	Moundman.
Lionel J.Stookey,	Moundman.
Warren Eyman,	Flagman.

For preliminary affidavits see book "F" T. 10 S., R. 5 W.

BOOK A-345

INDEX DIAGRAM.

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

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

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

PRELIMINARY OATHS OF ASSISTANTS.

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

....., *Chai*

....., *Chai*

Subscribed and sworn to before me this .....
day of ....., 190

SEAL

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

....., *Moun*

....., *Moun*

Subscribed and sworn to before me this .....
day of ....., 190

SEAL

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

....., *A*

....., *A*

Subscribed and sworn to before me this .....
day of ....., 190

SEAL

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

....., *Fla*

Subscribed and sworn to before me this .....
day of ....., 190

SEAL

SUBDIVISION OF TOWNSHIP 1 SOUTH, RANGE 16 WEST

Chains.

Survey commenced Aug.31, 1907, and executed with the instrument described in book "A" of this survey.

From recent test made Aug.29 and 30, at the cor.of Tps. 1 and 2 S., Rs.16 and 17 W., I know the instrument to be in adjustment.

Aug.31, at 7 h.31 m. a.m.l.m.t.I set off 40° 41 on the lat.arc, 8°.58 'N. on the decl.arc and determine a meridian with the solar at the cor.of secs.1,2,35, and 36 on S.bdy.of Tp., heretofore described.

Thence I run

N.0°01'W.bet.secs.35 and 36,

Over level alkali land.

40.00 Deposit a quart of glass 12 ins.in the ground, for ¼ sec.cor., dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long 2 ins.sq., 12 ins.in the ground, marked ¼ S 35 on W.face, 36 on E. face.

80.00 Deposit a quart of glass 12 ins.in the ground for cor. of secs.25,26,35, and 36; dig pits 18x18x12 ins.in each sec.5½ ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S S 35 on NE.

R 16 W S 36 on SE.

S 35 on SW. and

S 26 on NW.face, with 1 notch on S. and E.edges.

Land level.

Soil, alkaline; 4th rate.

No timber.

SUBDIVISION OF TOWNSHIP 1 SOUTH,RANGE 16 WEST.

Chains. The cor.of secs.25,30,31, and 36 on E.bdy.of township being plainly visible, I run for said corner

East on a random line bet.secs.25 and 36

40.00 Set temp.¼ sec.cor.

80.00 Intersect E.bdy.of Tp.at the cor.of secs.25,30,31, and 36, heretofore described. Thence I run

West on a true line bet.secs.25 and 36,

Over level alkali land.

40.00 Deposit a quart of glass 12 ins.in the ground for ¼ sec.cor.; dig pits 18x18x12 ins.N. and W.of cor. 4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 25 on N.face, 36 on S.face.

80.00 The cor.of secs.25,26,35, and 36.

Land level.

Soil, alkaline; 4th rate.

No timber.

N.0°01'W.bet secs.25 and 36,

Over level land.

40.00 Deposit a quart of glass 12 ins.in the ground for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake, 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

½ S 26 on W.face, 25 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground for cor. of secs.23,24,25, and 26; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

SUBDIVISION OF TOWNSHIP 1 SOUTH, RANGE 16 WEST.

Chains. In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S S 24 on NE.

R 16 W S 25 on SE.

S 26 on SW . and

S.23 on NW.face; with 2 notches on S. and 1 notch on E.edge.

Land level.

Soil, alkaline; 4th rate.

No timber.

Flag at cor. secs.19,24,25 and 30 on E.bdy.of Tp. being plainly visible, I run for said corner.

East on a random line bet.secs.24 and 25,

40.00 Set temp.¼ sec.cor.

80.00 Intersect E.bdy.of Tp.at the cor.of secs.19,24,25, and 30, heretofore described. Thence I run

West on a true line bet.secs.24 and 25,

Over level land.

40.00 Deposit a quart of glass 12 ins.in the ground; dig pits 18x18x12 ins. E. and W.of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In E.pit drive a pine stake 3 ft.long, 2 ins.sq., 12 ins.in the ground, marked .

¼ S 24 on N., 25 on S.face.

80.00 The cor.of secs.23,24,25, and 26.

Land, level.

Soil, alkali and clay; 4th rate.

No timber.

N.0°01'W.bet.secs.23 and 24,

Over level land.

Chains.

40.00 Deposit a quart of glass 18 ins.in the ground for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins. N. and S.of cor.4 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high over deposit.

In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

$\frac{1}{4}$ S 2 3 on W.face, 24 on E.face.

59.89 Telegraph line bears N.88°31'W. and S.88°31'E.

60.39 Western Pacific Ry.bears N.88° 31'W.and S.88°31'E.

80.00 Deposit a quart of glass 18 ins.in the ground for cor. of secs.13,14,23, and 24; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S 13 on NE.

R 16 W 24 on SE.

S 23 on SW., and

S 14 on NW.face, with 1 notch on E. and 3 notches on S.edges.

Land level.

Soil, alkali and clay; 4th rate.

No timber.

Aug.31: At this cor.I.set off 8°54' N on the dec.var. and at 0h.01m.p.m.l.m.t.observe the sun on the meridian.the resulting lat.is 40° 43'

The cor.of secs.13,18,19, and 24 on E.bdy.of township being plainly visible, I run for said corner,

East on a random line bet.secs.13 and 24,

SUBDIVISION OF TOWNSHIP 1 SOUTH, RANGE 16 WEST, S.L.B.& M.

Chains

40.00 Set temp.¼ sec.cor.

80.00 Intersect E.bdy.of Tp.at the cor.of secs.13,18,19, and 24, heretofore described.

Thence I run,West on true line bet.secs.13 and 24

Over level land.

40.00 Deposit a quart of glass 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor. 4 ft dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake, 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 13 on N.face; 24 on S.face.

80.00 The cor.of secs.13,14,23, and 24.

Land level.

Soil alkali and clay; 4th rate.

No timber.

N.0°01'W.bet.secs.13 and 14,

Over level land.

40.00 Deposit a quart of glass 12 ins.in the ground for ¼ sec.cor; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

¼ S14 on W.face; 13 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground for cor. of secs.11,12,13, and 14; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S 6 12 on NE.

Chains.

R 16 W S 13 on SE.

S 14 on SW . and

S.11 on NW.face, with 1 notch on E. and 4 notches on S.edges.

Land, level.

Soil, alkali and clay; 4th rate.

No timber.

A flag set at the corner of secs.7,12,13, and 18 on E. bdy.of Tp.being plainly visible, I run

N.89°58'E.random line bet.secs.13 and 13,

40.00 Set temp.$\frac{1}{4}$ sec.cor.

80.00 Intersect E.bdy.of township at the corner of secs.7, 12,13 and 18 heretofore described. Thence I run

S.89° 58'W.on true line bet.secs.12 and 13,

Over level land.

40.00 Deposit a quart of glass 12 ins.in the ground for $\frac{1}{4}$ sec. cor.; dig pits 18x18x12 ins.E. and W .of cor. 4 ft. dist.;and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 3 ins.sq., 12 ins.in the ground, marked $\frac{1}{4}$ S 12 on N.,13 on S.face.

80.00 The cor.of secs.11,12,13, and 14.

Land, level.

Soil, alkali and clay; 4th rate.

No timber.

N.0°01'W.bet.secs.11 and 12,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.

S H R GE 16 WEST S.L.B.& M.

Chains. In S.pit drive a pine stake, 2 ft.long, 2 ins.sq, 12 in in the ground, marked ¼ S 11 on W.face; 12 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground for cor. of secs.1,2,11, and 12; dig pits 18x18x12 ins.in each sec.4 ft.dist.; raise a mound of earth 4 ft.base 2 ft high over deposit.

In SE.pit, drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S S 1 on NE.

R.16 W. S 12 on SE.

S 11 on SW., and

S 2 on NW.face, with 1 notch on E. and 5 notches on W.edges.

Land, level.

Soil, clay and alkali; 4th rate.

No timber.

N.89° 58' E.on random line bet.secs.1 and 12,

40.00 Set temp.¼ sec.cor.

79.98 Intersect E.bdy.of Tp.2 1ks.N. of cor.of secs.1,6,7 and 12, heretofore described.

Thence I run

S'89° 59'W.on a true line bet.secs.1 and 12,

Over level land.

39.99 Deposit a quart of glass 12 ins.in the ground for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked ¼ S 1 on N., 12 on S. face.

79.98 The cor.of secs.1,2,11, and 12.

Land, level.

Chains.	Soil, alkali and clay; 4th rate.
	No timber.
	N.0°01'W.on true line bet.secs.1 and 2,
	Over level land.
40.00	Deposit a quart of glass 12 ins.in the ground for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.raised mound of earth 3½ ft.base 1½ ft.high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.sq, 12 ins.in the ground, marked [illegible]
	¼ S 2 on W.. 1 on E.face.
79.08	Intersect the Salt Lake Base line 0.15 chs.E.of the St. ¼ sec.cor., on S.bdy.of sec.36, T. 1 N., R. 16 W. ;
	Deposit a quart of glass 12 ins.in the ground, for closing cor.of secs.1 and 2,; dig pits 24x18x12 ins.crosswise on each line S., E., and W.of cor.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.sq, 12 i ins.in the ground, marked
	C C T 1 S R 16 W on S.
	S 1 on E.. and
	S 2 on W.face; with 1 groove on E. and 5.grooves on W.faces.
	Land, level.
	Soil, alkali and clay; 4th rate.
	No timber.
	Aug.29, 1907

SUBDIVISION OF TOWNSHIP 1 SOUTH, RANGE 16 WEST, S.L.B.& M.

Chains. Sept.2, 1907 At 7 h.0 m.a.m.l.m.t.I set off 40° 41' on the lat.arc; 8∞ 16 N.on the decl.arc; and determine a meridian with the solar at the cor.of secs. 2,3.34, and 35 on S.bdy.of Tp., heretofore described.

Thence I run

N.0°02'W.bet.secs.34 and 35

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; raised a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

¼ S 34 on W., 35 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.26,27,34, and 35; dig pits 18x1812 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.sq., 12 ins in the ground, marked

T 1 S S 26 on NE.

R 16 W S 35 on SE.,

S 34 on SW., and

S 27 on NW.face, with 1 notch on s. and 2 notches on E.edges.

Land, level.

Soil, clay and alkaline; 4th rate.

No timber.

The cor.of secs.25,26,35, and 36, being plainly visible, I run for said cor.

East on a random line.bet.secs.26 and 35,

40.00 Set temp.½ sec.cor.

SUBDIVISION OF TOWNSHIP 1 SOUTH RANGE 16 WEST S.L.B.& M.

Chains.

80.00 Intersect N. and S.line at the cor.of secs.25,26,35 and 36. Thence I run

West on true line bet.secs.26 and 35,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor., dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

¼ S 26 on N., 35 on S.face.

80.00 The cor.of secs.26,27,34, and 35.

Land, level.

Soil, alkaline; 4th rate.

No timber.

N.0°02'W.bet.secs.26 and 27,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground for ¼ sec.cor., dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake, 2 ft.long,2 ins.sq., 12 ins.in the ground, marked

¼ S 27 on W.face; and 26 on E.face.

80. 00 Deposit a quart of glass, 12 ins.in the ground for cor. of secs.22,23,26, and 27; dig pits 18x18x12 ins.in each sec.4 ft.dist. ; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S S.23 on NE.

R 16 W S 26 on SE.

SUBDIVISION OF TOWNSHIP 1 SOUTH, RANGE 16 WEST, S.L.B.& M.

Chains.	
	S 27 on SW., and
	S 22 on NW.face, with 2 notches on S. and E.edges.
	Land, level.
	Soil, alkaline; 4th rate.
	No timber.
	Flag at cor.secs.23,24,25, and 26, being plainly visible
	I run for said cor.
	East on random line bet.secs.23 and 26,
40.00	Set temp.¼ sec.cor.
79.98	Intersect N. and S.line at the cor.of secs.23,24,25, and 26. Thence I run
	West on a true line bet.secs.23 and 26.
	Over level land.
39.99	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor. ; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked
	¼ S 23 on N. and 26 on S.face.
79.98	The cor.of secs.22,23,26, and 27.
	Land, level.
	Soil, alkaline; 4th rate.
	No timber.
	N.0°02'W.bet.secs.22 and 23,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12

R V. ON OF TOWNSP 21 SOUTH RANGE 16 WEST M

Chains. in the ground, marked ¼

¼ S 22 on W. and 23 on E.face.

62.27 Telegraph line bears N.88°51'W. and S.88°.31'E.

62.77 Western Pacific Ry.bears N.88° 31'W. and S.88° 31'E.

80.00 Deposit a quart of glass, 12 ins.in the ground for cor of secs.14,15,22, and 23,;dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S S 14 on NE.,

R 16 W S 23 on SE.

S 22 on SW., and

S 15 on NW.face; with 2 notches on E. and 3 notche on S.edges.

Land, level.

Soil, alkaline; 4th rate.

No timber.

Flag at cor:secs.13,14,23, and 24, being plainly visible, I run for said cor.

East on a random line bet.secs.14 and 23,

40.00 Set temp.¼ sec.cor.

80.00 Intersect N. and S.line at the cor.of secs.13,14,23, an 24; thence I run

West on a true line bet.secs.14 and 23,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W. of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.sq, 12 ins.in the ground, marked

¼ S 14 on N. and 23 on S.face.

SUBDIVISION OF TOWNSHIP 1 SOUTH, RANGE 16 WEST, S.L.B.& M.

Chains.	
80.00	The cor. of secs.14,15,22, and 23. Land, level. Soil, alkaline; 4th rate. No timber.
	N.0°02'W.bet.secs.14 and 15, Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit. In S.pit drive a pine stake, 2 ft.long, 2 ins.sq .,12 ins.in the ground, marked ¼ S 15 on W.; and 14 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground for cor. of secs.10,11,14, and 15; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit. In S E.pit drive a pine stake 2 ft.long, 2 ins.sq.,12 ins.in the ground, marked T 1 S S 11 on NE., R 16 W S 14 on SE., S 15 on SW ., and S 10 on NW.face, with 2 notches on E. and 4 notches on S.edges. Land, level. Soil, alkaline; 4th rate. No timber.
	Sept.2, 1907: At this cor.I set off 8° 9' N.on the decl. arc; and at 12h. 0m. M.l.n.t.observe the sun on the meridian; the resulting lat.is 40° 44' A flag set at the cor.of secs.11,12,13, and 14 being

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plainly visible I run

Chains. N.89°58'E.on a random line bet.secs.11 and 14,

40.00 Set temp.¼ sec.cor.

80.00 Intersect.N. and S.line at the corner of sections 11, 12, 13, and 14.

Thence I run

S.89° 58'W.on true line bet.secs.11 and 14,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor., dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.sq,, 12 ins.in the ground, marked

¼ S 11 on N., and 14 on S.face.

80.00 The cor.of secs.10,11,14, and 15.

Land, level.

Soil, alkali; 4th rate.

No timber.

N.0°02'W.bet.secs.10 and 11,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

¼ S 10 on W.face, and 11 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor of secs.2,3,10, and 11; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base 2 ft.high over deposit.

In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq.,12 ins.in the ground, marked

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Chains	
	T 1 S S 2 on NE.
	R 16 W S 11 on SE.
	S 10 on SW., and
	S.3 on NW.face; with 2 notches on E. and 5 notches on S.edges.
	Land, level.
	Soil, alkali; 4th rate.
	No timber.
	Flag at cor.secs.1,2,11, and 12, being plainly visible,
	I run for said cor.
	N.89° 58'E.on a random line bet.secs.2 and 11
40.00	Set temp.¼ s c.cor.
80.02	Intersect N. and S.line at the cor.of secs.1,2,11, and 12. Thence I run
	S.89° 58'W.on true line bet.secs.2 and 11,
	Over level land.
40.01	Deposit a quart of glass, 12 ins.in the ground for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked
	¼ S 2 on N.face, and 11 on S.face.
80.02	The cor.of secs.2,3,10, and 11.
	Land, level.
	Soil, alkali; 4th rate.
	No timber.
	N.0°02'W.on true line bet.secs.2 and 3,
	Over level land,
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼

Chains. sec.cor.; dig pits 18x18x12 ins.N.and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

¼ S 3 on W.face, 2 on E.face.

79.14 Intersect Salt Lake Base line,6.15 chs.E.of the St.¼ sec.cor.on S.bdy.of sec.35, T. 1 N., R. 16 W.,

Deposit a quart of glass, 12 ins.in the ground for closing cor.of secs.2 and 3,; dig pits 24x18x12 ins. crosswise on each line, S., E. and W.of cor., 4 ft. dist.; and raise a mound of earth 4 ft.base, 2 ft. high over deposit.

In E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

C C T 1 S R 16 W on S.

S 2 on E., and

S 3 on W.face, with 2 grooves on E. and 4 grooves on W.faces.

Land, level.

Soil, alkali; 4th rate.

No timber.

September 2, 1907.

September 3, 1907, at 7 h 30 m. a.m.l.m.t.I set off 40° 41" on the lat.arc; 7° 52' N.on the decl.arc; and determine a meridian with the solar at the cor.of secs.3,4,33, and 34, on S.bdy.of Tp., heretofore described. Thence I run

N.0°02' W.bet.secs.33 and 34,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.,; dig pits 18x18x12 ins.N. and S.of cor.4

Chains.

dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

¼ S 33 on W.face; and 34 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.27,28,33, and 34; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S S 27 on NE.

R 16 W S 34 on SE.,

S 33 on SW., and

S 28 on NW.face; with 1 notch on S. and 3 notches on E.edges.

Land, level.

Soil, alkali; 4th rate.

No timber.

Flag at cor.of secs.26,27,34,& 35 being plainly visible I run N.89°58'E.on random line bet.secs.27 and 34,

40.00 Set temp.¼ sec.cor.

79.99 Intersect N. and S.line at the corner of sections 26,27,34, and 35. Thence I run

N.89° 58'W.on true line bet.secs.27 and 34,

Over level land.

39.99½ Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In N.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

¼ S 27 on N.face, 34 on S.face.

SUBDIVISION OF TOWNSHIP 1 SOUTH, RANGE 16 WEST, S.L.B.& M.

Chains	
79.99	The cor.of secs.27,28,33, and 34.
	Land, level.
	Soil, alkali; 4th rate.
	No timber.

N.0°02'W.bet. secs.27 and 28.

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake, 2 ft.long, 2 ins.sq.,12 ins.in the ground, marked

¼ S 28 on W.face, and 27 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.21,22,27, and 28; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit, drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S S 22 on NE.

R 16 W S 27 on SE.,

S.28 on SW., and

S 21 on NW.face; with 2 notches on S. and 3 notches on E.edges.

Land, level.

Soil, alkali; 4th rate.

No timber.

S.89° 58'E.on a random line bet.secs.22 and 27,

40.00 Set temp.¼ sec.cor.

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Chains.	
80.00	Intersect N. and S.line 3 lks. N of the cor.of secs.22, 23,26, and 27. Thence I run
	N.89° 57'W.on true line bet.secs.22 and 27,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18 x18x12 ins.E. and W.of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked
	¼ S 22 on N.face; and 27 on S.face.
80.00	The cor.of secs.21,22,27, and 28.
	Land, level.
	Soil, alkali; 4th rate.
	No timber.
	N.0°02'W.bet.secs.21 and 22,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground for ¼ sec.cor.,; dig pits 18x18x12 ins.N. and S.of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.
	In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked
	¼ S 21 on W.face, and 22 on E.face.
64.67	Telegraph line bears N.88°31'W. and S.88° 31'E.
65.17	Western Pacific Ry.bears N.88° 31'W. and S.88° 31'E.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.15,16,21, and 22; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.
	In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq.,12 ins.in the ground, marked

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Chains.

T 1 S S 15 on NE.,

R 16 W S 22 on SE.

S 21 on SW., and

S 16 on NW.face, with 3 notches on E. and S.edges.

From this cor.the operator's house at Arinosa bears S. 71° 30'W.

Section house Western Pacific Ry. bears S.66° 15'W.

Land, level.

Soil, alkali; 4th rate.

No timber.

Sept.3: At this cor.I set off 7° 47' N. on the decl.arc and at 12h.0 m.M.T.n.t.observe the sun on the meridian the resulting lat.is 40°43'

S.89° 57'E.on random line bet.secs.15 and 22

40.00 Set temp.¼ sec.cor.

80.00 Intersect N. and S.line 7 lks. S of the cor.of secs. 14,15,22, and 23. Thence I run

West on true line bet.secs.15 and 22,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground for ¼ sec.cor., dig pits 18x18x12 ins.E. and W.of cor. 4 ft. dist.: and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake, 2 ft.long, 2 ins.sq.. 12 ins.in the ground, marked

¼ S 15 on N.face, and 22 on S.face.

80.00 The cor.of secs.15,16,21, and 22.

Land, level.

Soil, alkali; 4th rate.

No timber.

N.0°02'W.bet.secs.15 and 16,

SUBDIVISION OF TOWNSHIP 1 SOUTH, RANGE 16 WEST, S.L.B.& M.

Chains. Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

¼ S 16 on W.face; and 15 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground for cor. of secs.9,10,15, and 16, dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S S 10 on NE.

R 16 W S 15 on SE.

S 16 on SW., and

S 9 on NW.face; with 4 notches on S. and 3 notches on E.edge.

Land, level.

Soil, alkali; 4th rate.

No timber.

A flag set at cor.of secs.10,11,14, and 15 being plainly visible, I run

S.89° 59'E.on random line bet.secs.10 and 15,

40.00 Set temp.¼ sec.cor.

79.99 Intersect N. and S.line at the corner of secs.10,11, 14, and 15. Thence I run

N.89° 59'W.on true line bet.secs.10 and 15,

Over level land.

39.99 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½

Chains. ft.high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.sq.,12 ins.in the ground, marked

$\frac{1}{4}$ S 10 on N.face; and 15 on S.face.

79.99 The cor.of secs.9,10,15, and 16.

Land, level. Soil alkali; 4th rate.

No timber.

N.0°02'W.bet.secs.9 and 10,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit. In S.pit drive a pine stake 2 ft. long 2 ins.square, 12 ins.in the ground, marked

$\frac{1}{4}$ S 9 on W.face; and 10 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.3,4,9, and 10; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base 2 ft.high over deposit. In SE.pit drive a pine stake 3 ft.long, 3 ins.sq., 12 ins.in the ground, marked

T 1 S S 3 on NE.
R 16 W S 10 on SE.
S 9 on SW., and
S 4 on NW.face; with 3 notches on E. and 5 notches on S.edges.

Land, level.

Soil, alkali; 4th rate. No timber.

Flag set at cor.of secs.2,3,10 and 11 being plainly visible, I run

S.89° 57'E.on random line bet.secs.3 and 10,

40.00 Set temp.$\frac{1}{4}$ sec.cor.

79.99 Intersect N. and S.line at the corner of secs.2,3,10 and 11. Thence I run

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N.89° 57'W.on true line bet.secs.3 and 10,

Chains.

Over level land.

39.99½ Deposit a quart of glass, 12 ins.in the ground for ¼ sec.cor., dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit, drive a pine stake, 2 ft.long, 2 ins.sq.,12 ins.in the ground, marked

¼ S 3 on N.face; and 10 on S.face.

79.99 The cor.of secs.3,4,9, and 10.

Land, level.

Soil; alkali; 4th rate.

No timber.

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

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit, drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

¼ S 4 on W.face, and 3 on E.face.

79.25 Intersect Salt Lake Base line 6.05 chs.E.of the ¼ sec. cor.on S.bdy.of sec.34, Tp.1 N., R. 16 W. heretofore described.

Deposit a quart of glass, 12 ins.in the ground, for closing cor.of secs.3 and 4; dig pits 24x18x12 ins. crosswise on each line, S.E.and W.of cor. 4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.

In E.pit drive a pine stake 2 ft.long 2 ins.sq., 12 ins. in the ground, marked

C C T 1 S R 16 W on S.

S 3 on E., and

S 4 on W.face, with 3 grooves on E. and W.faces.

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Chains.

Land, level.

Soil, alkali; 4th rate.

No timber. Sept.3, 1907.

Sept.4, 1907 At 7 h.29 m.a.m.l.m.t.I set off 7°30'N. on the decl.arc; 40 ° 41 'N.on the lat.arc; and determine a meridian with the solar at the cor.of secs.4, 5,32, and 33 on S.bdy.of Tp.,heretofore described.

Thence I run

N.0°03'W.bet.secs.32 and 33,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N.and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

¼ S 32 on W.face;33 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.28,29,32, and 33; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.sq.,12 ins.in the ground, marked

T 1 S S 28 on NE.

R 16 W S 33 on SE.,

S 32 on SW., and

S 29 on NW.face; with 1 notch on S. and 4 notches on E.edge.

Land, level.

Soil, alkali; 4th rate.

No timber.

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Chains.	
	Flag at cor.of secs.27,28,33,& 34 being plainly visible, I run for said cor.
	East on a random line bet.secs.28 and 33,
40.00	Set temp,¼ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.27,28,33,and 34. Thence I run
	West on a true line bet.secs.28 and 33,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit, drive a pine stake, 2 ft.long, 2 ins.sq.,12 ins.in the ground, marked
	¼ S 28 on N.face,. and 33 on S.face.
80.00	The cor.of secs.28,29,32, and 33.
	Land, level,
	Soil, alkali; 4th rate.
	No timber.

N.0°03'W.bet.secs.28 and 29

	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground,for ¼ sec.cor.; dig pits 18x18x12 ins. N. and S.of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked
	¼ S 29 on W.face; and 28 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.20,21,28, and 29; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base 2 ft.high over deposit.
	In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12

Chains.	
	ins.in the ground, marked.
	T 1 S S 21 on NE..
	R 16 W S 28 on SE.,
	S 29 on SW ., and
	S 30 on NW.face; with 2 notches on S. and 4 notches on E.edges.
	Land, level.
	Soil, alkali; 4 th.rate.
	No timber.
	Flag set at cor.of secs.21,22,27, and 28 being plainly visible; I rod S.89°58'E.on random line bet.secs.21 & 28
40.00	Set temp.¼ sec.cor.
79.98	Intersect N. and S.line at the corner of sections 21, 22,27, and 28. Thence I rod N.89° 58'W.on true line bet.secs.21 and 28,
	Over level land.
39.98	Deposit a quart of glass, 12 ins.in the ground for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W. of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake, 2 ft.long, 2 ins sq., 12 ins.in the ground, marked
	¼ S 21 on N.face; and 28 on S.face.
79.98	The cor.of secs.20,21,28, and 29.
	Land, level.
	Soil, alkali; 4th rate.
	No timber.
	N.0°03'W.bet.secs.20 and 21,
	Over level land.
40. 0	Deposit a quart of glass 12 ins.in the ground for ¼ sec.cor. ; dig pits 18x18x12 ins.N. and S.of cor. 4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.

Chains. high over deposit.

In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

½ S 20 on W.face, and 21 on E.face.

67.06 Telegraph line bears N.88° 31'W. and S.88° 31'E.

67.56 Western Pacific Railway bears N.88° 31'W. and S.88° 31' E.

80.00 Deposit a quart of glass, 12 ins.in the ground. for cor.of secs.16,17,20, and 21; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.

In S E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S S 16 on NE.

R 16 W S 21 on SE

S 20 on SW., and

S 17 on NW.face; with 3 notches on S. and 4 notches on E.edge.

Land , level.

Soil, alkali; 4th rate.

No timber.

S.89° 58'E.on random line bet.secs.16 and 21,

40.00 Set temp.¼ sec.cor.

80.00 Intersect N. and S.line 5 lks.S.of cor.of secs.15,16, 21, and 22. Thence I run

West on true line bet.secs.16 and 21,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E.and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.sq.. 12 ins.in the ground, marked

Chains.

¼ S 16 on N.face; and 21 on S.face.

Operator's house at Arinosa bears south.

Section house Western Pacific Ry.bears S.20° E.

80.00 The cor.of secs.16, 17, 20, and 21.

Land, level.

Soil; alkali; 4th rate.

No timber.

N.0°03'W.bet.secs.16 and 17,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.: and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

¼ S 17 on W.face; and 16 on E.face.

Sept.4: At this ¼ sec.cor., I set off 7° 25' N.on the decl.arc; and at 11 h. 59 m.a.m.l.m.t.observe the sun on the meridian; the resulting lat.is 40° 44'

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.8,9,16, and 17; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

T 1 S S 9 on NE.

R 16 W S 16 on SE.

S 17 on SW., and

S 8 on NW.face; with 4 notches on E. and W.edges.

Land, level.

Soil, alkali; 4th rate.

No timber.

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Chains.	
	A flag set at the cor.of secs.9,10,15, and 16, being plainly visible, I run [illegible]
	S.89° 59'E.on random line bet.secs.9 and 16,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.02	Intersect N. and S.line at the corners of sections 9, 10,15, and 16. Thence I run
	N.89° 59'W.on true line bet.secs.9 and 16,
	Over level land.
40.01	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor., dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.
	In E.pit drive pine stake 2 ft..ong, 2 ins.sq., 12 ins. in the ground, marked
	$\frac{1}{4}$ S 9 on N.face; and 16 on S.face.
80.02	The cor of secs.8,9,16, and 17.
	Land, level.
	Soil, alkali; 4th rate.
	No timber.
	N.0°03'W.bet.secs.8 and 9,
	Over level land,
40.00	Deposit a quart of glass, 12 ins.in the ground for $\frac{1}{4}$ sec.cor., dig pits 18x18x12 ins.N. and S. of cor.4 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high over deposit.
	In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked
	$\frac{1}{4}$ S 8 on W.face; and 9 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.4,5,8, and 9, dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base 2 ft.high over deposit.
	In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12

Chains.	
	ins.in the ground, marked T 1 S S 4 on NE. R 16 W S 9 on SE. S 8 on SW., and S 5 on NW.face; with 4 notches on E. and 5 notches on S.edges. Land, level. Soil, alkali; 4th rate. No timber.
	A flag set at cor.secs.3,4,9, and 10, being plainly visible, I run East on random line bet.secs.4 and 9.
40.00	Set temp.¼ sec.cor.
80.00	Intersect N. and S.line at the corner of sections secs. 3,4,9, and 10. Thence I run West on true line bet.secs.4 and 9, Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit. In E.pit drive pine stake, 2 ft.long, 2 ins.sq., 12 ins. in the ground, marked ¼ S 4 on N.face; and 9 on S.face.
80.00	The cor.of secs.4,5,8, and 9. Land, level, Soil, alkali; 4th rate. No timber.
	N.0°03'W.on true line bet.secs.4 and 5,
40	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft.

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Chains. dist. and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

¼ S 5 on W.face; and 4 on E.face.

79.35 Intersect the Salt Lake Base line 6.10 chs.E.of the ¼ sec.cor.on S.bdy.of sec.33, heretofore described.

Deposit a quart of glass, 12 ins.in the ground for closing cor.of secs.4 and 5, dig pits 24x18x12.ins.crosswise on each line S.E.and W.of cor. 4 ft.dist.: and raise a mound of earth 4 ft.base, 2 ft .high over deposit.

In E.pit drive a pine stake, 2 ft.long , 2 ins.sq.,12 ins.in the ground, marked

C C T 1 S R 16 W on S.

S 4 on E and

S 5 on W.face, with 4 grooves on E. and 2 grooves on W.face.

Land, level.

Soil, alkali; 4th rate.

No timber. Sept.4, 1907.

Sept.5: At 6 h.59 m. a.m.l.m.t.I set off 7 ° 09' E.on decl.arc;40° 41'N.on lat.arc; and determine a meridian with the solar at the cor.of secs.5,6,31. and 32, on S.bdy.of Tp.. heretofore described.

Thence I run

N.0°04'W.bat.secs.31 and 32,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4.ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pinestake, 2 ft.long, 2 ins.sq., 12

Chains	
	ins.in the ground, marked ¼ S 31 on W.face; and 32 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for c of secs.29,30,31, and 32; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit. In S E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked T 1 S S 29 on NE. R 16 W S.32 on SE. S.31 on SW., and S 30 on NW.face; with 1 notch on S. and 5 notches on E.edges. Land, level. Soil, alkali; 4th rate. No timber.

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

40.00	Set temp.¼ sec.cor.
80.00	Intersect N. and S.line 9 lks. N. of the cor.of secs. 28,29,32, and 33. Thence I run N.89° 56'W.on true line bet.secs.29 and 32. Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground for ¼ sec.cor., dig pits 18x18x12 ins.E. and W.of cor.4 ft dist.; and raise a mound of earth 3½ ft.base, 1½ ft high over deposit. In E.pit drive a pine stake 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked ¼ S 29 on N.face; and 32 on S.face.
80.00	The cor.of secs.29,30,31, and 32. Land, level. Soil, alkali; 4th rate. No timber.

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Chains.	
	Flag set at cor.of secs.25,30,31 & 36,being plainly visible I run
	S.89°51'W.on a random line bet.secs.30 and 31,
40.00	Set temp.¼ sec.cor.
77.51	Intersect the Guide Meridian, or west boundary of the Township. at the corner.of secs.25,30,31, and 36 heretofore described
	Thence I run
	N.89° 51'E.on true line bet.secs.30 and 31,
	Over level land.
37.51	Deposit a quart of glass, 12 ins.in the ground for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor. 4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ftlong, 2 ins.sq., 12 ins.in the ground, marked
	¼ S 30 on N.face; and 31 on S.face.
77.51	The cor.of secs.29,30,31, and 32 .
	Land, level.
	Soil, alkali; 4th rate.
	No timber.

	N.0°04'W.bet.secs.29 and 30,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit, drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked
	¼ S 30 on W.face; and 29 on E.face.
80.00	Deposit a quart of glass 12 ins.in the ground,for cor. of secs.19.20,29, and 30; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12

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Chains.	
	ins.in the ground, marked T 1 S S 20 on NE. R 16 W S 29 on SE., S 30 on SW., and S 19 on NW.face; with 5 notches on E. and 2 notches on S.edges.
	Land, level. Soil, alkali; 4th rate. No timber.
	Flag set at cor.of secs.20,21,28 & 29 plainly visible I run S.89° 55'E.on random line bet.secs.20 and 29,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
79.98	Intersect N. and S.line at the corner of sections 20,21, 28, and 29. Thence I run N.89° 55'W.on true line bet.secs.20 and 29, Over level land.
39.99	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit. In E.pit drive a pine stake 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked $\frac{1}{4}$ S 20 on N.face; and 29 on S.face.
79.98	The cor.of secs.19,20,29, and 30. Land, level. Soil, alkaline; 4th rate. No timber.
	I sight a flag set at cor.of secs.19,24,25, and 30, and S.89° 54'W.on random line bet.secs.19 and 30,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
77.51	Intersect Guide Meridian or west boundary of township at the cor.of secs.19,24,25 and 30. Thence I run

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Chains.	
	N.89° 54'E.on true line bet.secs.19 and 30,
	Over level land.
37.51	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked
	¼ S 19 on N.face; 30 on S.face.
77.51	The cor.of secs.19,20,29, and 30,
	Land, level.
	Soil, alkali; 4th rate.
	No timber.
	N.0°04'W.bet.secs.19 and 20,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18 x 18 x 12 ins.N. and S.of cor. 4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit. In S.pit drive a pine stake 2 ft.long, 2 ins.sq., 12 ins.in the ground,marked
	¼ S 19 on W.face; and 20 on E.face.
	Sept.5: At this ¼ sec.cor.I set off 7° 03'N.on the decl.arc; and at 11 h. 59 m.a.m.l.m.t.observe the sun on the meridian; the resulting lat.is 40° 43'
69.46	Telegraph line bears N.88° 31'W. and S.88° 31'E.
69.96	Western Pacific Railway bears N.88°31'W.and S.88°31'E.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.17,18,19, and 20; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked
	T 1 S S 17 on NE.
	R 16 W S 20 on SE.

Chains.

S 19 on SW.; and

S 18 on NW .face; with 5 notches on E. and 3 notches on S.edges.

Land, level.

Soil, alkali; 4th rate.

No timber.

I sight a flag set at cor.of secs.16,17,20, and 21, and run

S.89° 58'E.on random line betssecs.17 and 20.

40.00 Set temp.$\frac{1}{4}$ sec.cor.

80.00 Intersect N. and S.line at the corner of secs.16,17,20 and 21. Thence I run

N.89° 58'W.on true line bet.secs.17 and 20,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit. In E.pit drive a pine stake 2 ft. long, 2 ins.square, 12 ins.in the ground, marked

$\frac{1}{4}$ S 17 on N.face; and 20 on S.face.

80.00 The cor.of secs.17,18.19, and 20.

Land, level.

Soil, alkali; 4th rate.

No timber.

I sight a flag set at cor.of secs.13,18,19 & 24,and run

N.89° 56'W.on random line bet.secs.18 and 19,

40.00 Set temp.$\frac{1}{4}$ sec.cor.

77.48 Intersect Guide Meridian or west boundary of township at the cor.of secs.13,18,19, and 24, heretofore described. Thence I run over level land,

S.89° 56'E.on true line bet.secs.18 and 19,

37.48 Deposit a quart of glass. 12 ins.in the ground, for $\frac{1}{4}$

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Chains	
	sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit. In E.pit drive a pine stake 2 ft. long, 2 ins.sq., 12 ins.in the ground, marked ¼ S 18 on N.face; and 19 on S.face.
77.48	The cor.of secs.17,18,19, and 20.
	Land, level.
	Soil, alkali, 4th.rate.
	No timber.
	N.0°04'W.bet.secs.17 and 18,
	Over level land.
40.00	Deposit a quart of glass 12 ins.in the ground for ¼ sec.cor., dig pits 18x18x12 ins. N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked ¼ S 18 on W.face; and 17 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.7,8.17, and 18, dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base 2 ft.high over deposit.
	In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked T 1 S S 8 on NE. R 16 W S 17 on SE. S 18 on SW., and S 7 on NW.face; with 5 notches on E. and 4 notches on S.edges.
	Land, level.
	Soil, alkali; 4th rate.
	No timber.

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Chains	
	I sight a flag set at cor.of secs.8,9,16 & 17, and run
	S.89° 59'E.on random line bet.secs.8 and 17,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.8,9,16, and 17. Thence I run
	N.89°59'W.on true line bet.secs.8 and 17,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor., dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.
	In E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked
	$\frac{1}{4}$ S 8 on N.face; and 17 on S.face.
80.00	The cor.of secs. 7,8,17, and 18.
	Land, level.
	Soil, alkali; 4th rate.
	No timber.

	I sight a flag set at cor.of secs.7,12,13 & 18 and run
	N.89° 51'W.on random line bet.secs.7 and 18,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
77.48	Intersect Guide Meridian or west boundary of Township at the cor.of secs.7,12,13, and 18. Thence I run
	S.89° 51'E.on true line bet.secs.7 and 18,
	Over level land.
37.48	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.
	In E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked
	$\frac{1}{4}$ S 7 on N.face; and 18 on S.face.
77.48	The cor.of secs.7,8,17, and 18.
	Land, level.
	Soil, alkali; 4th rate.

SUBDIVISION OF TOWNSHIP 3 SOUTH, RANGE 16 WEST, S.L.B.& M.

Chains.	
	No timber.
	N.0°04'W.bet.secs.7 and 8,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor., dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake, 3 ft.long, 2 ins.sq., 12 ins.in the ground, marked ¼ S 7 on W.face; and 8 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground for cor. of secs.5,6,7, and 8, dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base 2 ft.high over deposit.
	In SE.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked T 1 S S.5 on NE., R 16 W S 8 on SE., S 7 on SW., and S 6 on NW.face;with 5 notches on S. and E.edges.
	Land, level.
	Soil, alkali; 4 bh rate.
	No timber.
	S.89° 59'E.on random line bet.secs.5 and 8,
40.00	Set temp.¼ sec.cor.
80.00	Intersect N. and S.line 2 lks. S.of the cor.of secs.4,5 8, and 9; thence I run West on true line bet.secs.5 and 8,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4

Chains	
	ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.
	In E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked ¼ S 5 on N.face; and 8 on S.face.
80.00	The cor.of secs.5,6,7, and 8.
	Land, level.
	Soil, alkali; 4th rate.
	No timber.
	I sight a flag set at the cor.of secs.1,6,7 & 12, and run, West, on a random line bet.secs.6 and 7,
40.00	Set temp.¼ sec.cor.
77.47	Intersect Guide Meridian, or west boundary of Township at the cor.of secs.1,6.7, and 12, Heretofore described. Thence I run, over level land.
	On a East on a true line bet.secs.6 and 7
37.47	Deposit a quart of glass, 12 ins.in the ground for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit. In E.pit drive a pine stake 2 ft. long, 2ins.sq., 12 ins.in the ground, marked ¼ S 6 on N.face; and 7 on S.face.
77.47	The cor.of secs.5,6,7, and 8.
	Land, level. Soil, alkali; 4th rate.
	No timber.
	N.0°04'W.bet.secs.5 and 6,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground for ¼ sec.cor.; dig pits 18x18x12 ins. N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked-

Chains.

79.46 ¼ S 6 on W.face; and 5 on E.face.

Intersect Salt Lake Base line, 6,20 chs.E.of the ¼ sec. cor.on S.bdy.of sec. 33, T. 1 N., R. 16 W., heretofore described.

Deposit a quart of glass, 12 ins.in the ground, for closing cor.of secs.5 and 6, dig pits 24x18x12 ins. crosswise on each line S., E., and W .of cor.4 ft. dist.; and raise a mound of earth 4 ft.base, 2 ft. high over deposit.

In E.pit drive a pine stake, 2 ft.long, 2 ins.sq., 12 ins.in the ground, marked

C C T 1 S R 16.W on S.

S 5 on E., and

S 6 on W.face; with 5 grooves on E. and 1.groove on W.face.

Land, level,

Soil, alkali; 4th rate.

No timber.

September 5, 1907.

GENERAL DESCRIPTION.

This township consists of a vast level tract of alkali land. It affords no vegetation whatever; and but few signs of animals, except the numerous dead birds scattered over its surface. Just why they perish on this desert having such powers of locomotion as they have, is more than I can tell.

The Western Pacific Ry.and telegraph line passing over this township, with the buildings in connection therewith, noted in the subdivisional notes are the only evidences of human existence that the township affords.

There is no salt on the township of commercial value; and no other mineral except gypsum in a crystal-

SUBDIVISION OF T. 1 S., R. 16 W.

ized form.

U.S Surveyor.

Volume
#
R0345

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

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

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

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

.....

ing the respective capacities in which they acted:

list of names and final oaths of assistants see book "Z"[4], *Chainman.*

T. 1 N., R. 16 W. ....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

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

parts or portions of the .....

.....

.....

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

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

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

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

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

ral for .....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

cribed and sworn to before me this .....

lay of ....., 190

SEAL

151

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ... United States Deputy Survey
solemnly swear that, in pursuance of a contract received from .....
United States Surveyor General for ....., bearing date
..... day of ....., 190 , I have well, faithfully, and truly, in m
proper person, and in strict conformity with the instructions furnished by the United States Su
General for ....., the Manual of Surveying Instructions, and the laws
United States, surveyed all those parts or portions of .....
.....
For final affidavit see book "Z[4]" T. 1 N., R. 16 W.
.....
.....of the.....
..... meridian, in the ..... of ....., which are represented
foregoing field notes as having been surveyed by me, and under my direction; and I do further sol
swear that all the corners of said survey have been established and perpetuated in strict accordanc
the Manual of Surveying Instructions, and the special written instructions of the United States Su
General for .....and in the specific manner described in the field notes, an
the foregoing are the original field notes of such survey.

United States Deputy Su

Subscribed by said ....., and sworn to before me
this ..... day of ....., 190

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Salt Lake City, Utah, May 8

The foregoing field notes of the survey of the subdivisional lines of Towns
No. 1 South, Range No. 16 West of the Salt Lake Base and Meridian
Utah, ...
.....
.....
.....
.....
executed by ..... Alonzo J. Stookey .....
under his contract No. 296, dated March 21, ... 1907, havin
critically examined, and the necessary corrections and explanations made, the said field notes, a
surveys they describe, are hereby approved.

United States Surveyor G

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

United States Surveyor G

6—151

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PAGE

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PAGE

171 17

4—679.

BOOK A-345

X.

FIELD NOTES

OF THE SURVEY OF THE

WEST, EAST, AND NORTH BOUNDARIES

OF

TOWNSHIP NO. 1 NORTH

RANGE NO. 18 WEST

Of the SALT LAKE BASE AND *Meridian,*

UTAH,

AS SURVEYED BY

Alonzo J. Stookey, *United States Deputy Surveyor,*

under his Contract No. 296, *dated* March 21, 1907.

Survey commenced September 6, 1907.

Survey completed September 10, 1907.

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BOOK A-345

NAMES AND DUTIES OF ASSISTANTS.

Ralph Gentry,	Chainman.
Asael Tanner,	Chainman.
Lionel J.Stookey	Moundman,
Richard Orr,	Moundman,
Warren Eyman,	Flagman.

For preliminary affidavits see book "Q" T. 1 S., R. 18 W.

BOOK A-345

INDEX DIAGRAM.

Township 1 North, *Range* 18 West

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

4 4 3 2 2 1

Meanders Page.....

6—152

PRELIMINARY OATHS OF ASSISTANTS.

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

_____

_____, *Chain*

_____, *Chain*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

_____

_____

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

_____

_____, *Mound*

_____, *Mound*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

_____

_____

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

_____

_____, *Ax*

_____, *Ax*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

_____

_____

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

_____, *Flag*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

_____

_____

BOOK A-345

WEST BOUNDARY T. 1 N., R. 18 W.

Chains.	
	Survey commenced Sept.6, 1907, and executed with the instrument described in book "A" of this survey.
At	6h 58m a.m.l.m.t.I set off 40° 46' on lat.arc; 6° 47'N.on decl.arc; and determine a meridian with the solar at the standard cor.of Tps.1 N., Rs.18 and 19 W. as established by myself and heretofore described.
	Thence I run
	North bet.secs.31 and 36,
	Over level alkali land.
27.00	Leave alkali land bears N.45° E. and S.45° W.: enter gravelly bench; ascending gently.
29.94	Sheep road bears N.60° E. and S.60° W., foot of Silver Islet range.
40.00	Set a limestone 15x8x7 ins., 10 ins.in the ground, for ¼ sec.cor.. marked ¼ on W.face; and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.
	Begin gentle ascent.
47.00	Top of limestone spur, 200 ft.high bears N.65° W. and S. 65° E.
	Descend along SE.face. of spur.
60.53	Foot of descent and wash draining E.
	Begin steep rough ascent along SE.face of mountain.
80.00	Set a limestone 18x7x5 ins., 12 ins.in the ground, for cor.of secs.25,30,31, and 36, marked with 5 notches on N. and 1 notch on S.edge; and rai se a mound of stone 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.
	This corner is on steep E.face of mountain on beach mark of Lake Bonneville.
	Land . level, rolling and mountainous.
	Soil alkaline, gravelly, and stony 3d rate.
	No timber.
	Mountainous land 40.00 chs.

WEST BOUNDARY OF T. 1 N., R. 18 W.

Chains.	
	North bet.secs.25 and 30,
	Over very rough mountain; ascending.
34.00	Top of mountain peak 900 ft.high; descend over ledges and slide rock.
40.00	Set limestone 15x8x5 ins., 10 ins.in the ground, for ¼ sec.cor.; and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.
56.00	Foot of steep mountain, bears E. and W.; thence across swale.
80.00	Set a limestone 14x10x8 ins.,9 ins.in the ground, for cor.of secs.19,24,25, and 30, marked with 4 notches on N. and 2 notches on S.edge; and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor. Pits impracticable.
	Land mountainous, broken and rough.
	Soil, stony; 4th rate.
	No timber.
	Mountainous land 80.00 chs.

Sept.6: At this cor.I set off 6° 41'N.on decl.arc; and at 11 h.59m.a.m.l.m.t.observe the sun on the meridian the resulting lat.is 40° 48'

North bet.secs.19 and 24,

	Over mountainous land; ascending gently.
23.00	Ascent becomes very steep.
40.00	This ¼ sec.cor.falls on S.face of almost perpnedicular ledge, 50 ft.high,
	I cut a cross (X) at the exact point for ¼ sec.cor. marked ¼ W.of cross, and raised a mound of stone 2 ft base, 1½ ft.high at foot of ledge 2 ft.below.
55.00	Top of mountain cone 1300 ft.high, and along backbone, bears N.15° E. running from said cone.

WEST BOUNDARY T. 1 N., R. 18 W.

Chains.

80.00 Point for section corner falls on a stationary ledge on steep west face of mountain,

At exact point for sec.cor.I cut a cross (X) for cor. of secs.13,18,19, and 24, marked with 3 notches on N. and S.of cross.; and raise a mound of stone 2 ft. base, 1½ ft.high 15 lks.S.on edge of ledge; no other place nearer where mound would stand.

Land, mountainous.

Soil, stony; 4th rate.

No timber.

Mountainous land 80.00 chs.

North bet.secs .13 and 18,

Over rough mountainous land; descending gently along NW.face.

40.00 Set a limestone 12x10x6 ins., 8 ins.in the gruund for ¼ sec.cor., marked ¼ on W.face; and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.

47.00 Foot of mountain, Silver Islet Range, bears E. and W.

Continue gentle descent of bench.

80.00 Set a limestone 15x8x7 ins., 10 ins.in the ground, for cor.of secs.7,12,13, and 18, marked with 2 notches on N. and 4 notches on S.edge; and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.

Land, mountainous.

Soil, stony and gravelly; 3d and 4th rate.

No timber.

Mountainous land 80.00 chs.

Sept.6, 1907.

WEST BOUNDARY OF T. 1 N., R. 18 W.

Chains.	
	North bet.secs.7 and 12,
	Over rolling broken mountai n, or bench land; descendin ing.
40.00	Set a porphyry stone 18x6x6 ins., 12 ins.in the ground, for ¼ sec.cor., marked ¼ on W.face; and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.
80.00	Set a quartzite stone 15x8x7 ins., 10 ins.in the ground for cor.of secs.1,6,7, and 12, marked with 1 notch on N. and 5 notches on S.edge; and raise a mound of ston 2 ft.base, 1½ ft.high W .of cor.Pits impracticable.
	Land, rolling and broken.
	Soil, sandy, gravelly and stony; 3d rate.
	No timber.
	Mountainous land 80.00 chs.

	North bet.secs.1 and 6,
	Over gently rolling bench.
40.00	Set quartzitecstone 18x10x8 ins., 8 ins.in the ground f cor ¼ sec.cor., marked ¼ on W.face; and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.
80.00	Set a quartzite stone 15x8x8 ins 10 ins.in the ground, for cor.of Tps.1 and 2 N., Rs.18 and 19 W., marked with 6 notches on each edge; and raise a mound of stone 2 ft.base, 1½ ft.high S.of cor.Pits impracticable.
	Land rolling.
	Soil, stony and sandy; 3d and 4th rate.
	No timber.
	Sept.7, 1907.

For general description see notes of subdivision

EAST BOUNDARY OF T. 1 N., R. 18 W.

Chains. Sept.9:

At 6.58m a.m.l.m.t.I set off, 40° 46'on lat.arc; 5° 40' N.on decl.arc; and determine a meridian with the solar at the standard cor.of Tp.1 N., bet.Rgs.17 and 18 W., established by myself and heretofore described.

Thence I run

North bet.secs.31 and 36,

Over level salt bed.

40.00 Drill a hole 4 ins.square, 18 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 18 ins.deep, with quart of glass, for ¼ sec.cor.,mkd. ¼ S 36 on W.face; and 31 on E.face.

80.00 Drill a hole 4 ins.square, 18 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 18 ins.deep, with quart of glass, for cor.of secs. 25,30,31, and 36, marked

T 1 N S 30 on NE.

R 17 W S 30 on SE.

R 18 W S 36 on SW .. and

S 25 on W".face; with 5 notches on N. and 1 notch on S.edge.

Land, level salt bed.

No timber.

North bet.secs.25 and 30,

Over level salt bed.

40.00 Drill a hole 4 ins.square, 18 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 18 ins.deep, with quart of glass, for ¼ sec.cor., marked

¼ S 25 on W.face; and 30 on E.face.

80.00 Drill a hole 4 ins.square, 18 ins.deep, in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square,

EAST BOUNDARY OF T. 1 N., R. 18 W.

Chains.	
	12 ins.deep, with quart of glass, for cor.of secs.19, 24,25, and 30, marked T 1 N S 19 on NE. R 17 W S 30 on SE. R 18 W S 25 on SW., and S 19 on NW.face; with 4 notches on N. and 2 notche on S.edge. Land, level salt bed. No timber.
	North bet.secs.19 and 24, Over level salt bed.
40.00	Leave salt bears N.45° E. and S.45° W.Enter alkali land Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit. In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 24 on W.face; and 19 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor of secs.13,18,19, and 24; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit. In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked T 1 N S 18 on NE. R 17 W S 19 on SE. R 18 W S 24 on SW., and S 13 on NW.face; with 3 notches on N. and S.edges. Land, level. Soil alkaline; 3d rate.; and salt. No timber.

T OUNDARY OF T. 1 N. R. 18 W.

Chains. North bet.secs.13 and 18,

Over level alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor. 4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the grouns, marked

¼ S 13 on W.face; and 18 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor of secs.7,12,13, and 18; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 7 on NE.

R 17 W S 18 on SE.,

R 18 W S 13 on SW., and

S 12 on NW.face; with 4 notches on S. and 2 notches on N.edge.

Land level.

Soil, alkaline; 3d rate.

No timber.

Sept.9:

At this cor. I set off 5° 33'N.on decl.arc; and at 11h. 58m.a.m.l.m.t.observe the sun on the meridian; the resulting lat.is 40° 50'

North bet.secs.7 and 12,

Over level alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12

Chains.	
	ins.in the ground, marked ¼ S 12 on W.face; and 7 on E.face.
80.00	Deposit a quart of glass , 12 ins.in the ground for cor of secs.1,6,7, and 12, dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base 2 ft.high over deposit. In SE pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked T 1 N S 6 on NE. R 17 W S 7 on SE. R 18 W S 12 on S W.; and S 1 on NW.face; with 5 notches on S. and 1 notch on N.edge. Land, level. Soil, alkaline; 3d rate. No timber.

North bet.secs.1 and 6,

Over level alkali land.

40.00	Land becomes gently rolling,covered with small knolls from 1 to 4 ft.high, Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit. In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S.1 on W.face; and 6 on E.face.
80.00	Set a limestone 15x8x8 ins., 10 ins.in the ground, for cor.of Tps.1 and 2 N., Rs.17 and 18 W., marked with 6 notches on each edge; dig pits 24x24x12 ins.on sec. line, N., E. and W. 4 ft., and S. of stone 8 ft. dist. and raise a mound of earth 5 ft.base, 2½ ft.high S.

EAST BOUNDARY OF T. 1 N., R. 18 W.

Chains. or cor.

Land, level and gently rolling.

Soil, alkaline; 3d rate.

No timber.

Sept.9, 1907.

NORTH BOUNDARY OF T. 1 N., R. 18 W.

Sept.9: At the cor.of Tps.1 and 2 N., Rs.17 and 18 W. established by myself and heretofore described, lat. 40° 51' 17" N.; long.113° 50' 27 " W. I set off 40° 51' on lat.arc 5° 30'N.on decl.arc;and at 4h.38m.p.m. l.m.t.determine with the solar a meridian, and mark a point thereof on a stone firmly set 5 chs. N.of the cor.

At 8 h. 19 m.p.m.l.m.t.I observe Polaris at eastern elongation, in accordance with Manual of Instructions and mark a point in the line thus determined on a peg driven in the ground 5 chs.N.of my station.

Sept.9, 1907.

Sept.10:

At 6.h 57m .m.l.m.t.I lay off the azimuth of Polaris is 1° 34' to the west and mark the meridian thus determined, by cutting a small groove in the stone set Sept.9, on which the meridian falls 0.3 ins.east of the mark determined by the solar.

At 7h.28 m.a.m.l.m.t.I set off 40° 51' on lat.arc; 5° 16'N.on decl.arc; and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs.N.of my station; this mark falls 0.3 ins.east of the meridian established by the Polaris observation.

NORTH BOUNDARY OF T. 1 N., R. 18 W.

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

The magnetic bearing of the true meridian at 7h.57m.a.m. is N.17° 29'W.; the angle thus determined gives the mag.decl.17° 29' E.

From the Tp.cor.already described I run west on a random line along N.bdy.of Tp. setting temp.¼ sec.and sec.cors.at intervals of 40.00 chs.; and at 479.40 chs.intersect the range line 30 lks.S.of the cor.of Tps.1 and 2 N., Rs.18 and 19 W. as established by myself and heretofore described. The falling answers to a correction of 0°02'or 5 lks.N.per mile counting from the NE.cor.of the Tp; therefore I run

S.89° 58'E.bet.secs.6 and 31,

Over rolling sandy bench land.

30.00 Leave sandy bench bearing N. and S.; enter rough broken ground, covered with quartzite and porphyry boulders; ascending.

39.40 Set quartzite stone 15x8x5 ins., 10 ins.in the ground, for ¼ sec.cor., marked ¼ on N.face; and raise a mound of stone 2 ft.base, 1½ ft.high N.of cor.Pits impracticable.

79.40 Set a porphyry stone 18x6x5 ins., 12 ins.in the ground, for cor.of secs.5,6,31. and 32, marked with 5 notches on E. and 1 notch on W.edge; and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.

Land mountainous and rolling.

Soil, sandy and stony; 3d rate.

No timber.

NORTH BOUNDARY OF T. 1 N., R. 18 W.

Chains	
	Mountainous land 49.40 chs.
	Sept.10: At this cor.I set off 5° 11' N.on decl.arc; and at 11h.57m. A.M. l.m.t.observe the sun on the meridian; the resulting lat.is 40° 50'
	S.89° 58'E.bet.secs.5 and 32 ,
	Over rough broken country.
40.00	Set a quartzite stone 18x7x6 ins., 12 ins.in the ground for ¼ sec.cor., marked ¼ on N.face; and raise a mound of stone 2 ft.base, 1½ ft.high N.of cor.Pits impracticable.
68.30	Top of ridge or bar, 300 ft.above bench. Main ridge of Silver Islet Range, which is low at this point, bears N.35° E. and S.35° W.
	Descend over rolling broken country.
80.00	Set a quartzite stone 15x6x6 ins., 10 ins.in the ground cor cor.of secs.4,5,32, and 33, marked with 4 notches on N. and 2 notches on W.edge; and raise a mound of stones 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.
	Land,mountainous.
	Soil stony; 3d rate.
	No timber.
	Mountainous land 80.00 chs.
	S.89° 58'E.bet.secs.4 and 33,
	Over broken mountainous land.
20.00	Foot of descent; wash drains S.
	Ascend.
33.00	Top of ascent bears N. and S.
	Descend along south face of mountain.
40.00	Set a limestone 15x9x6 ins., 10 ins.in the ground, for

NORTH BOUNDARY T. 1 N., R. 18 W.

Chains.	
	¼ sec.cor., marked ¼ on N.face; and raise a mound of stone 2 ft.base, 1½ ft.high N.of cor.Pits impracticable.
55.00	Foot of steep mountain bearing N. and S.
	Descend over rolling bench.
55.40	Sheep road, bears N. and S.
80.00	Set a sandstone 18x10x4 ins., 12 ins.in the ground, for cor.of secs.3,4,33, and 34, marked with 3 notches on E. and W.edges; and raise a mound of stone 2 ft.base 1½ ft.high W.of cor.Pits impracticable.
	Land rolling and mountainous.
	Soil stony and gravelly;3d and 4th rate.
	No timber.
	Mountainous land 55.00 chs.

S.89° 58'E.bet.secs.3 and 34,

Over rolling bench land.

40.00	Set a quartzitestone 18x8x4 ins., 12 ins.in the ground, for ¼ sec.cor., marked ¼ on N.face;dig pits 18x18x12 ins.E.and W.of stone 3 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high N.of cor.
70.00	Begin ascent of limestone knoll.
70.40	Top of knoll; descend.
76.00	Foot of knoll.
80.00	Set a limestone 15x12x6 ins., 10 ins.in the ground, for cor.of secs.2,3,34, and 35, marked with 2 notches on E. and 4 notches on W.edge; and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.
	Land rolling.
	Soil, sandy and stony; 3d rate.
	No timber.

NORTH BOUNDARY T. 1 N., R. 18 W.

Chains.	
	S.89° 58'E.bet.secs.2 and 35,
	Over rolling sandy land.
40.00	Set a limestone 15x7x5 ins., 10 ins.in the ground, for ¼ sec.cor.; marked ¼ on N.face; dig.pits 18x18x12.ins. E. and W.of stone 3 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high N.of cor.
80.00	Set a quartzite stone 15x9x7 ins., 10 ins.in the ground for cor.of secs.1,2,35, and 36, marked with 1 notch on E. and 5 notches on W.edge; dig pits 18x18x12 ins. in each sec., 5½ ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high W.of cor.
	Land, rolling.
	Soil, sandy and gravelly; 3d rate.
	No timber.

	S.89° 58'E.bet.secs.1 and 36,
	Over rolling sandy land.
8.00	Leave rolling sandy land, bearing N. and S.; enter alkali land, covered with numerous hummocks formed by the wind drifting loose earth and sand around the scattering brush growing thereon.
40.00	Set a limestone 16x8 x 3 ins. , 11 ins.in the ground, for ¼ sec.cor., marked ¼ on N.face; dig pits 18x18x12 ins.E. and W.of stone 3 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high N.of cor.
80.00	The cor.of Tps.1 and 2 N., Rs.17 and 18 W.
	Land, rolling and level.
	Soil, alkaline; 3d rate.
	No timber.
	Sept.10, 1907.

For general description see notes of the subdivision of this township.

MEANDERS OF T. 1 N., R. 28 E.

LATITUDES, DEPARTURES, AND CLOSING ERRORS.

Line Designated	From	Dist.	Latitudes, Departures.			
	Bearing	chs.	N. chs.	S. chs.	E. chs.	W. ch
East [illegible] Line	East	480.00	.....	.....	480.00	.....
[illegible] Boundary	North	480.00	480.00	.....	.....	.....
[illegible] Boundary	N. 89° 58' W.	479.40	.....	.....	.....	479.40
[illegible] Boundary	South	480.00	.....	480 00	.....	.....
[illegible]						0.60
T o t a l s,			480.00	480.00	480.00	480.00
			480.00			480.00
Error in Lat.			0.00 in dep.			0.00

U.S. Deputy Surveyor

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

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

_____

ing the respective capacities in which they acted:

list of names and final oaths of assistants see book "Z3", *Chainman.*

T.1 N., R. 16 W., *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

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

_____

_____

_____ of the _____

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

_____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

_____

cribed and sworn to before me this _____ day of _____, 190

SEAL

_____

_____

51

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____ United States Surveyor General for _____, bearing date of the _____ day of _____, 190 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

For final affidavit see book "Z[3]" T. 1 N., R. 16 W.

_____ of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

_____

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me this _____ day of _____, 190

SEAL

_____

_____

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, May 8, 1908.

The foregoing field notes of the survey of the West, East and North Boundaries of Township No. 1 North, Range No. 18 West of the Salt Lake Base and Meridian, Utah,

executed by Alonzo J. Stookey under his contract No. 296, dated March 21, 190 7, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Thomas Hull

United States Surveyor General.

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

_____

United States Surveyor General.

6—151

L.S.

4—679.

BOOK A-345

Y.

FIELD NOTES

OF THE SURVEY OF THE

SUBURB D I V I S I O N

O F

TOWNSHIP NO. 1 NORTH

RANGE NO. 18 WEST

Of the SALT LAKE BASE AND *Meridian,*

U T A H,

AS SURVEYED BY

Alonzo J. Stookey, *United States Deputy Surveyor,*

er his Contract No. 296, *dated* March 21, *1907.*

ey commenced September 11, *1907.*

ey completed September 21 *1907.*

6—151

High 20-04-07

Line 39-74-69

39 T 6 76

BOOK A-345

NAMES AND DUTIES OF ASSISTANTS.

Ralph Gentry ..... Chainman.

Asael Tanner ..... Chainman.

Richard Orr. ..... Rounman.

Lionel J.Stookey. ..... Rounman.

Warren Fynn. ..... Flagman.

For preliminary affidavits see book "F" P. 16 C., R. 1 E.

BOOK A-345

INDEX DIAGRAM.

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

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

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true 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 o

_____

_____, *Chainman*

_____, *Chainman*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

_____

_____

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

_____

_____, *Moundman*

_____, *Moundman*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

_____

_____

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

_____

_____, *Axman*

_____, *Axman*

Subscribed and sworn to before me this _____
day of _____, 190

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 th survey of _____

_____, *Flagman.*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

_____

_____

6—151

SUBDIVISION OF T. 1 N., R. 18 W.

Chains.

Survey commenced Sept.11, 1907, and executed with the instrument described in book "A" of this survey.

At 7 h.27m.a.m.l.m.t.I set off 40°46' on lat.arc; 4° 53' N.om decl.arc; and determine a meridian with the solar at the standard cor.of secs.35 and 36, as established by myself and heretofore described.

Thence I run

N.0°01'W.bet.secs.35 and 36,

Over levl salt land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake, 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 35 on W.face; and 36 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.25,26,35, and 36; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long. 2 ins.square, 12 ins.in the ground, marked

T 1 N S 25 on NE.

R 18 W S 36 on SE.

S 35 on SW., and

S 26 on NW.face; with 1 notch on S.and E.edges.

Land, level salt bed,

No timber.

I sight a flag set at the cor.of secs.25,30,31, and 36 and run

S.89° 53'E.on random line bet.secs.25 and 36,

Over level salt bed.

SUBDIVISION OF T. 1 N., R. 18 W.

Chains.
80.20 Intersect E. bdy. of Tp. at the cor. of secs. 25, 30, 31, and 36, heretofore described. Thence I run

N.89° 53'W. on true line bet. secs. 25 and 36,

Over level salt land.

40.10 Deposit a quart of glass, 12 ins. in the ground, for ¼ sec. cor.; dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit.

In E. pit drive a pine stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked

¼ S 25 on N. face; and 36 on S. face.

80.20 The cor. of secs. 25, 26, 35, and 36.

Land, level salt bed.

No timber.

N.0°01'W. bet. secs. 25 and 26,

Over level salt land.

40.00 Deposit a quart of glass, 12 ins. in the ground, for ¼ sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit.

In S. pit drive a pine stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked

¼ S 26 on W. face; and 25 on E. face.

Leave salt bears N.35°E. & S.35° W. Enter alkali land.

80.00 Deposit a quart of glass, 12 ins. in the ground, for cor. of secs. 23, 24, 25, and 26; dig pits 18x18x12 ins. in each sec. 4 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high over deposit.

In SE. pit drive a pine stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked

T 1 N S 24 on NE.

R 1 W S 25 on SE.,

S 26 on SW., and

Chains.	
	S 23 on NW.face; with 2 notches on S. and 1 notch on E.edge.
	Land,level.
	Soil, alkaline 3d rate.; and salt bed.
	No timber.
	I sight a flag set at the cor.of secs.19,24,25, and 30, and run
	S.89° 54'E. on random line bet.secs.24 and 25,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.10	Intersect E.bdy.of Tp.at the cor.of secs.19,24,25, and 30, heretofore described. Thence I run over level land.
	N.89° 54'W.on true line bet.secs.24 and 25,
17.10	Leave salt beārs N.40° E.& S.40°W. Enter alkali land.
40.05	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft.base, 1$\frac{1}{2}$ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 24 on N.face; and 25 on S.face.
80.10	The cor.of secs.23,24,25, and 26.
	Land, level.
	Soil, alkaline; 3d rate.; and salt bed.
	No timber.
	N.0°01'W.bet.secs.23 and 24,
	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft.base, 1$\frac{1}{2}$ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12

SUBDIVISION OF T. 1 N., R. 18 W.

Chains.

ins.in the ground, marked

$\frac{1}{4}$ S 23 on W.face; and 24 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor of secs.13,14,23, and 24; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square. 12 ins.in the ground, marked

T 1 N S 13 on NE.

R 18 W S 24 on SE.

S 23 on SW., and

S 14 on NW.face; with 1 notch on E. and 3 notches on S.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs.13,18,19 and 24, and run

S.89° 55'E.on random line bet.secs.13 and 24,

40.00 Set temp.$\frac{1}{4}$ sec.cor.

80.06 Intersect E.bdy.of Tp.at the cor.of secs.13,18,19, and 24, heretofore described. Thence I run

N.89° 55'W.on true line bet.secs.13 and 24,

Over level alkali land.

40.03 Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.intthe ground, marked

$\frac{1}{4}$ S 13 on N.face; and 24 on S.face.

80.06 The cor.of secs.13,14,23, and 24.

Land, level.

Chains. Soil, alkaline; 3d rate.

No timber.

N.0°01'W.bet.secs.13 and 14,

Over level alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 14 on W.face; and 13 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.11,12,13, and 14, dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In S E.pit drive a pine stake 2 ft.long, 2 ins.square. 12 ins.in the ground, marked

T 1 N S 12 on NE.

R 18 W S 13 on SE.

S 14 on SW., and

S 11 on NW.face; with 1 notch on E. and 4 notches on S.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

Sept.11: At this cor.I set off 4° 48'N.on decl.arc; and at 11 h.57 m.a.m.l.m.t. observe the sun on the meridian; the resulting lat.is 40° 50'.

I sight a flag set at the cor.of secs.7,12,13, and 18 and run

SUBDIVISION OF T. 1 N., R. 18 W.

200

Chains.	
	S.89° 58'E.on random line bet.secs.12 and 13
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.00	Intersect E.bdy.of Tp.at the cor.of secs.7,12,13, and 18, and run
	N.89° 58'W.on true line bet.secs.12 and 13,
	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 12 on N.face; and 13 on S.face.
80.00	The cor.of secs.11,12,13, and 14.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

	N.0°01'W.bet.secs.11 and 12,
	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 11 on W.face; and 12 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.1,2,11, and 12; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

SUBDIVISION OF T. 1 N., R. 18 W.

Chains.	
	T 1 N S 1 on NE.
	R 18 W S 12 on SE.,
	S 11 on SW., and
	S 2 on NW.face; with 1 notch on E. and 5 notches on S.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight the flag set at the cor.of secs.1,6.7, and 12, and run
	S.89° 59'E.on random line bet.secs.1 and 12,
40.00	Set temp.¼ sec.cor.
80.00	Intersect E.bdy.of Tp.at the cor.of secs.1,6,7, and 12 heretofore described. Thence I run
	N.89° 59'W.on true line bet.secs.1 and 12,
	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base,1½ ft. high over deposit.
	In E.pit drive a pine stake 2ft.long, 2 ins.square. 12 ins.in the ground, marked
	¼ S 1 on N.face; and 12 on S.face.
80.00	The cor.of secs.1,2,11, and 12.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set.at the cor.of secs.1,2.35, and 36, and run
	N.0°01'E.on random line bet.secs.1 and 2,

SUBDIVISION OF T. 1 N., R. 18 W.

Chains.

40.00 Set temp.¼ sec.cor.

79.97 Intersect N.bdy.of the Tp.at the cor.of s ecs.1,2,35 and 36, heretofore described.

Thence I run

S.0°01'W.bet.secs.1 and 2,

Over gently rolling sand land.

9.97 Leave rolling sandy land; enter alkali land, bears N. and S.

39.97 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 2 on W.face; and 1 on E.face.

79.97 The cor.of secs.1,2,11, and 12.

Land, level, and gently rolling.

Soil, alkaline; and sandy; 3d rate

No timber.

Sept.11, 1907.

Sept.12: At $6^h 56^m$ a.m.l.m.t.I set off 40° 46' on lat.arc; 4° 32'N.on decl.arc; and determine a meridian with the solar at the standard cor.of secs.34 and 35 on S.bdy.of Tp., aseestablished by myself and heretofore described. Thence I run

N.0°02'W.bet.secs. 34 and 35,

Over level salt land.

30.00 Leave salt land, bears N.40° E. and S.40° W.; enter alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 1x18x12 ins.N. and S.of cor. 4 ft. dist.: and raise a mound of earth 3½ ft.base, 1½ ft.

SUBDIVISION OF T. 1 N., R. 18 W.

Chains.	
	high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked $\frac{1}{4}$ S 34 on W.face; and 35 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.26,27,34, and 35; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked T 1 N S 26 on NE. R 18 W S 35 on SE. S 34 on SW., and S 27 on NW.face; with 2 notches on E. and 1 notch on S.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.25,26,35, and 36, and run
	S.89° 56'E.on random line bet.secs.26 and 35,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.10	Intersect N. and S.line at the cor.of secs.25,26,35, and 36. Thence I run
	N.89° 56'W.on true line bet.secs.26 and 35,
	Over level salt bed.
20.10	Leave salt bed, bears N.30° E. and S.30° W.; enter alkali land.
40.05	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square,

Chains

12 ins.in the ground, marked

1/4 S 26 on N.face; and 35 on S.face.

80.10 The cor.of secs.26,27,34, and 35.

Land, level.

Soil, alkaline 3d rate.; and salt bed.

No timber.

N.0°02'W.bet.secs.26 and 27,

Over level alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for 1/4 sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 inssquare, 12 ins.in the ground, marked

1/4 S 27 on W.face; and 26 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for co of secs.22,23,26, and 27; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square 12 ins.in the ground, marked

T 1 N S 23 on NE.

R 18 W S 26 on SE.,

S 27 on SW., and

S 22 on NW .face; with 2 notches on S. and E.edge

Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs.23,24,25, and 26, and run

East on a random line bet.secs and 26

SUBDIVISION OF T. 1 N., R. 18 W.

40.00 Set temp.$\frac{1}{4}$ sec.cor.

80.00 Intersect N. and S.line at the cor.of secs.23,24,25, and 26. Thence I run

West on a true line bet.secs.23 and 26,

Over level alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor; dig pits 18x18x12 ins.E. and W.of cor. 4 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft.base, 1$\frac{1}{2}$ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked $\frac{1}{4}$ S

$\frac{1}{4}$ S 23 on N.face; and 26 on S.face.

80.00 The cor.of secs.22,23,26, and 27.

Land, level.

Soil, alkaline; 3d rate.

No timber.

N.0°02'W.bet.secs.22 and 23,

Over level alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft.base, 1$\frac{1}{2}$ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

$\frac{1}{4}$ S 22 on W.face; and 23 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor of secs.14,15,22, and 23; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 14 on NE.

R 18 W S 23 on S E.

Chains.	
	S 22 on SW.. and
	S 15 on NW.face; with 2 notches on E. and 4 notches on S.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.13,14,23, and 24 and run
	S.89° 59'E.on a random line bet.secs.14 and 23,
40. 0	Set ± mp.$\frac{1}{2}$ sec.cor.
79.98	Intersect N. and S.line at the cor.of secs.13,14,23, and 24, and run
	N.89° 59'W.on true line bet.secs.14 and 23,
	Over level alkali land.
39.99	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft.base, 1$\frac{1}{2}$ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 14 on N.face; and 23 on S.face.
79.98	The cor.of secs.14,15,22, and 23.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	N.0°02'W.bet.secs.14 and 15,
	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft.base, 1$\frac{1}{2}$ ft. high over deposit.

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Chains.	
	In S.pit drive a pine stake, 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 15 on W.face; and 14 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.10,11,14, and 15; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit. In SE pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked T 1 N S 11 on NE. R 18 W S 14 on SE. S 15 on SW.. and S 10 on NW.face; with 2 notches on E. and 4 notches on S.edge. Land, level. Soil, alkaline; 3d rate. No timber.
	I sight a fleg set at the cor.of secs.11,12,13, and 14, and run East on a random line bet.secs.11 and 14,
40.00	Set temp.¼ sec.cor.
80.02	Intersect N. and S.line at the cor.of secs.11,12,13,and 14. Thence I run West on a true line bet.secs.11 and 14, Over level alkali land.
40.01	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit. In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 11 on N.face; and 14 on S.face. Enter scattering hummocks.

Chains.

80.02 The cor.of secs.10,11,14, and 15.

Land, level.

Soil, alkaline; 3s rate.

No timber.

N.0°02'W.bet.secs.10 and 11,

Over level alkali land and hummocks.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 10 on W.face; and 11 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.2,3,10, and 11; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 2 on NE.

R 18 W S 11 on SE.

S 10 on SW., and

S 3 on NW.face; with 2 notches on E. and 5 notches on S.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

Sept.12: At this cor.I set off 4° 25'N.on decl.arc; and at 11 h.57 m.a.m.l.m.t.observe the sun on the meridian; the resulting lat.is 40° 50'N.

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Chains. I sight a flag set at the cor.of secs.1,2,11, and 12, and run

East on a random line bet.secs.2 and 11,

40.00 Set temp.$\frac{1}{4}$ sec.cor.

79.98 Intersect N. and S.line at the cor.of secs.1,2,11, and 12. Thence I run

West on a true line bet.secs.2 and 11,

Over sandy alkali land and hummocks.

39.99 Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.: and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over de osit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

$\frac{1}{4}$ S 2 on N.face; and 11 on S.face.

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

Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs.2,3,34, and 35 and run

North on a random line bet.secs.2 and 3,

40.00 Set temp.$\frac{1}{4}$ sec.cor.

79.99 Intersect N.bdy.of Tp.at the cor.of secs.2,3,34, and 35. heretofore described. Thence I run

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

Over gently rolling bench.

39.99 Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and S.of cor. 4 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

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Chains. ¼ S 3 on W.face; and 3 on E.face.

40.00 Leave gently rolling bench; enter almost level alkali land and hummocks.

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

Land, level and gently rolling bench.

Soil, sandy and alkaline; 3d rate.

No timber. Sept.12, 1907.

Sept.12, 1907 at the standard cor.of secs.33 and 34 on S. bdy.of Tp., lat.40°46'04" N.; longitude 113° 53' 53" W. I set off 40° 46' on the lat.arc; 4° 23'N.on the decl arc; and at 4 h.57m.p.m.l.m.t. determine a meridian with the solar and mark a point thereof on a stone firmly set in the ground, 5 chs.N.of the cor.

At 8 h. 07 m.p.m.l.m.t.I observe Polaris at eastern elongation in accordance with Manual of Instructions and mark a point in the line thus determined on a peg driven in the ground 5 chs.N.of my station.

Sept.12, 1907.

Sept.13: At 6 h.30 m.a.m.l.m.t.I lay off the azimuth of Polaris 1° 35'to the west and mark the meridian thus determined by cutting a small groove in the stone set Sept.12, on which the meridian falls 0.4 ins.east of the mark determined by the solar.

At 6 h 56m.a.m.l.m.t.I set off 40° 46' on lat.arc; 4° 08'N. on decl.arc; and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs.N.of my station; this mark falls 0.4 ins. east of the meridian established by the Polaris observation.

The solar apparatus by p.m.and a.m.observations defines positions for meridians, respectively about 0' 21" we

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Chains. west and 0' 21" east of the meridian established by the Polaris observations; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 8 h.30m. a.m. is N.17° 28'W.; the angle thus determined gives the mag, decl. 17° 28'E.

From the standard cor. already described I run

N.0°02'W. bet. secs. 33 and 34,

Over level alkali land.

40.00 Deposit a quart of glass 12 ins. in the ground, for ¼ sed. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit.

In S. pit drive a pine stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked

¼ S 33 on W. face; and 34 on E. face.

80.00 Deposit a quart of glass, 12 ins. in the ground, for cor. of secs. 27, 28, 33, and 34; dig pits 18x18x12 ins. in each sec. 4 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high over deposit.

In SE. pit drive a pine stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked

T 1 N S 27 on NE.

R 18 W S 34 on SE.

S 33 on SW., and

S 28 on NW. face; with 1 notch on S. and 3 notches on E. edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor. of secs. 26, 27, 34, and 35, and run

East on a random line bet. secs. 27 and 34,

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Chains.	
40.00	Set temp.¼ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.26,27,34 and 35, Thence I run
	West on a true line bet.secs.27 and 34,
	Over level alkali land.
40.00	Deposit a quart of glass,12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 27 on N.face; and 34 on S .face.
80.00	The cor.of secs.27,28,33, and 34.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

N.0°02'W.bet.secs.27 and 28

	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 28 on W.face; and 27 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.21,22,27, and 28, dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	T 1 N S 22 on NE.

Chains.

R 18 W S 27 on SE.,

S 28 on SW., and

S 21 on NW.face; with 3 notches on E. and 2 notches on S.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs.22,23,26, and 27, and run

East on a random line bet.secs.22 nnd 27

40.00 Set temp.$\frac{1}{4}$ sec.cor.

80.00 Intersect N. and S.line at the cor.of secs.22,23,26, and 27. Thence I. run

West on a true line bet.secs.22 and 27,

Over level alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

$\frac{1}{4}$ S 22 on N.face; and 27 on S.face.

60.00 Enter hummocks.

80.00 The cor.of secs.21.22,27, and 28.

Land level, or covered with small hummocks.

Soil, alkaline; 3d rate.

No timber.

N.0°02'W.bet.secs.21 and 22,

Over nearly level land, with small hummocks.

40.00 Deposit a quart of glass, 12 ins.ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4

Chains.	
	ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 21 on W.face; and 22 on E.face.
59.50	Sheep road bears N.55° E. and S.55° W.
	Begin steep rough ascent of Silver Islet Range.
80.00	Set a quartzite stone 15x7x6 ins., 10 ins.in the ground, for cor.of secs.15,16,21, and 22, marked with 3 notches on E. and W.edges; and raise a mound of stone 2 ft. base, 1½ ft.high W.of cor.Pits impracticable.
	Land, level and mountainous.
	Soil, alkaline and stony; 3d rate.
	No timber.
	Mountainous land 20.50 chs.

	I sight a flag set at the cor.of secs.14.15,22, and 23, and run
	East on a random line bet.secs.15 and 22
40.00	Set temp.¼ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.14.15.22,and 23. Thence I run
	West on a true line bet.secs.15 and 22,
	Over level alkali land, with small hummocks.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 15 on N.face; and 22 on S.face.
65.40	Sheep road bears N.40° E. and S.40° W.
71.00	Foot of mountain bears N.35° E. and S.35° W.
	Ascend abruptly,

Chains.

80.00 The cor.of secs.15,16,21, and 22.

9.00 Land level and mountainous.

91.00 Soil, alkaline and stony; 3d and 4th rate.

No timber.

Mountainous land 9.00 chs.

Sept.13: Sky overcast, observation for lat.impossible.

N.0°02'W.bet.secs.15 and 16,

Over almost impassable broken mountainous land, along E.face of mountain.

20.00 Hollow, drains S.35° E.

40.00 Set a quartzite stone 14x8x6 ins. inmound of stone for ¼ sec.cor., marked ¼ on W.face; and raise a mound of stones 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.

This corner is on E.face of steep mountain.

80.00 Point for section corner falls on W.face of almost perpendicular cliff, on which

I cut a cross (X) at the exact point for cor.of secs.9, 10,15, and 16, marked 3 notches E. and 4 notches S. of cross, and raise a mound of stone 2 ft.base, 1½ ft. high on top of cliff 10 ft.above corner, as it was impossible to set it west.

Land, very rough and mountainous.

Soil, stony; 4th rate.

No timber.

Mountainous land 80.00 chs.

East on a random line bet.secs.10 and 15,

40.00 Set temp.¼ sec.cor.

80.06 Intersect N. and S.line at the cor.of secs.10,11,14, and 15. Thence I run

West on a true line bet.secs.10 and 15,

Over almost level, gently rolling sandy land and hum-

Chains.	
	mocks.
40.03	Set a quartzite stone 15x7x5 ins., 10 ins.in the ground for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ on N.face; and raise a mound of stone 2 ft.base, $1\frac{1}{2}$ ft.high N.of cor.Pits impracticable.
41.75	Sheep road bears N. and S.
50.00	Foot of steep mountain bears N. and S.
	Ascend.
79.67	Top of ridge bears N.15° W. and S.15° E.
80.06	The cor.of secs. 9,10,15, and 16.
	Land, gently rolling and mountainous.
	Soil, sandy and stone; 3d and 4th rate.
	No timber.
	Mountainous land 30.06 chs.
	Sept.13, 1907.

Sept.14:
At.6h: 56 m.a.m.l.m.t.I set off 40° 50'N.on lat.arc 3° 46'N.on decl.arc; and determine a meridian with the solar at the cor.of secs.9,10,15, and 16.

Thence I run

N.0°02'W.bet.secs.9 and 10,

Over very rough ground, along E.face of mountain.

2.00	Ridge, bears N.15° W. and S.15° E.
40.00	Set a quartzite stone 15x8x6 ins., in moundnof stone; and raise a mound of stone 2 ft.base, $1\frac{1}{2}$ ft.high S. of cor. Impossible to place mound west.
43.35	Hollow, drains S.35° E.
	Ascend.
50.00	Top of ascent 250 ft.above hollow, bears N.30° W. and S.30° E.
	Descend along E.face of mountain.
69.00	Foot of steep descent, bears, bears N.40° W. and S.40° E.
	Thence over rolling bench.
80.00	Set a quartzite stone 15x8x8 ins., 10 ins.in the ground

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Chains.

for cor.of secs.3,4,9, and 10, marked with 3 notches on E. and 5 notches on S.edge; and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.

Land, mountainous.

Soil, stony; 4th rate.

No timber.

Mountainous land 80.00 chs.

I sight a flag set at the cor.of secs.2,3,10, and 11, and run

S.89° 50'E.on random line bet.secs.3 and 10,

40.00 Set temp.¼ sec.cor.

79.96 Intersect N. and S.line at the cor.of secs.2,3,10, and 11. Thence I run

N.89° 50'W.on true linebet.secs.3 and 10,

Over gently rolling sandy and stony land.

39.98 Set a limestone 15x8x8 ins., 10 ins.in the ground for ¼ sec.cor., marked ¼ on N.face; and raise a mound of stone 2 ft.base, 1½ ft.high N.of cor. Pits impracticable.

65.00 Sheep road bears N.40° W. and S.40°E.

79.96 The cor.of secs.3,4,9, and 10.

Land, rolling.

Soil, stony and sandy; 3d rate.

No timber.

I sight a flag set at the cor.of secs.3,4,33, and 34, and run

North on a random line bet.secs.3 and 4,

40.00 Set temp.¼ sec.cor.

80.00 Intersect N.bdy.of Tp.at the cor.of secs.3,4,33, and 34, heretofore described. Thence I run

South bet.secs.3 and 4,

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Chains.	
	Over rolling stony ground.
40.00	Set a limestone 15x10x7 ins., 10 ins.in the ground, for ¼ sec.cor., marked ¼ on W.face; and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor.Pits impracticab e.
53.00	Sheep road bears N.45°W. and S.45° E.
80.00	The cor.of secs.3,4,9, and 10.
	Land, rolling and broken.
	Soil, stony; 3d and 4th rate.
	No timber.
	Sept.14: At this cor.I set off 3° 39'N.on decl.arc; and at 11h.56 m.a.m.l.m.t.observe the sun on the meridian the resulting lat.is 40° 50'

Sept.16:
At 6h.56m.a.m.l.m.t.I set off 40° 46' on lat.arc; 3 ° 0' N.on decl.arc; and determine a meridian with the solar at the standard cor.of secs.32 and 33, heretofore described. Thence I run

N.0°03'W.bet.secs.32 and 33.

Over level alkaliland.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 32 on W.face; and 33 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.28,29,32, and 33; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 28 on NE.

R 18 W S 33 on SE.

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Chains.	
	S 32 on SW., and
	S 29 on NW.face; with 1 notch on S. and 4 notches on E.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.27,28,33, and 34 and run
	East on a random line bet.secs.28 and 33,
40.00	Set temp. ¼ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.27,28,33, and 34. Thence I run
	West on a true line bet.secs.28 and 33.
	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W .of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 28 on N.face; and 33 on S.face.
80.00	The cor.of secs.28,29,32 , and 33.
	Land, level.
	Soil. alkaline; 3d rate.
	No timber.
	N.0°03'W.bet.secs.28 and 29
	Over level alkali land and hummocks.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

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Chains. In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 29 on W.face; and 2 8 on E.face.

80.00 Set a limestone 15x8x6 ins.; 10 ins.in the ground, for corner of sections 20, 21, 28, and 29, marked with 4 notches on E. and 2 notches on S.edge; and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor. Pits impracticable.

Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs.21,22,27, and 28, and run

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

40.00 Set temp.¼ sec.cor.

80.00 Intersect N. and S.line at the cor.of secs.21,22,27, and 28. Thence I run

West on a true line bet.secs.21 and 28,

Over gently rolling land, and hummocks.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W .of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 21 on N. face; and 28 on S.face.

80.00 The cor.of secs.20,21,28, and 29.

Land, level.

Soil, alkaline; 3d rate.

No timber.

SUBDIVISION OF T. 1 N., R. 18 W.

Chains.	
	N.0°03'W.bet.secs.20 and 21,
	Over gently rolling bench land, sloping to south.
14.50	Sheep road bears N.65° E. and S.65° W.
39.90	Wash drains S.45° E.
40.00	Set a limestone 12x8x8 ins., 8 ins.in the ground, for ¼ sec.cor., marked ¼ on W.face; and raise a mound of stone 2 ft.base, 1½ ft.high E.of cor. Would be in wash and not permamnent if set west.
50.00	Begin ascent of rough west face of Silver Islet Range, bearing N.15° W. and S.15° E.
80.00	Set a limestone 15x6x6 ins., 10 ins.in the ground, for cor.of secs.16,17,20, and 21, marked with 4 notches on E. and 3 notches on S.edge.; and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.
	Land, rolling and broken mountains.
	Soil, gravelly and stony; 3d rate.
	No timber.
	Mountainous land 30.00 chs.
	East on a random line bet.secs.16 and 21,
40.00	Set temp.¼ sec.cor.
80.06	Intersect N. and S.line at the cor.of secs.15,16,21, and 22. Thence I run
	West on true line bet.secs.16 and 21,
	Over very rough mountainous land; ascending.
7.00	Top of ascent of round quartzite dome.
	Begin steep descent.
20.00	Foot of steep descend bearing N. and S.
	Thence over undulating ground.
30.00	Begin ascent, bearing N.40° E. and S.40° W.
40.03	Set a limestone 18x7x6 ins., in moundnof stone in bed of slide rock, marked ¼ on N.face, and riase a mound of stone 2 ft.base, 1½ ft.high west of cor., as it

Chains.	
	would not stand north.
49.75	Top of steep ascent of ridge bearing N. and S.
	Descend.
80.06	The cor.of secs.16,17,20, and 21.
	Land, mountainous.
	Soil, stony; 4th rate.
	No timber.
	Mountainous land 80.06 chs.
	Sept.16: Sky overcast; no observation for latitude this day.
	N.0°03'W.bet.secs.16 and 17,
	Over rough mountainous land; ascending along E.side of large hollow.
40.00	Set a quartzite stone 15x10x5 ins.,10 ins.in the ground for ¼ sec.cor.; marked ¼ on W.face; and raise a mound of stones 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.
80.00	Set a limestone 18x8x7 ins., on stationary ledge in mound of stone, Mark cor of secs.8,9,16, and 17, marked with 4 notches on E. and S.edges; and raise a mound of stone 2 ft.base, 1½ ft.high south of corner; Would not stand on west side.
	Land, mountainous.
	Soil, stony; 4th rate.
	No timber.
	Mountainous land 80.00 chs.
	East on a random line bet.secs.9 and 16,
40.00	Set temp.¼ sec.cor.
80.08	Intersect W. and S line 7 lks.S.of the cor.of secs.9, 10,15, and 16. Thence I run
	S.89° 57'W.on true line bet.secs.9 and 16,

SUBDIVISION OF T. 1 N., R. 18 W.

Chains	
	Over very rough mountainous land.
10.00	Deep hollow, drains S.35° E. and ascend.
25.00	Top of ascent of ridge bearing N.40° W. and S.40° E. Descend.
36 00	Bottom of hollow, drains S.45° E. Ascend steep high mountain.
40.04	Set a limestone 18x8x7 ins., 12 ins.in the ground, for ¼ sec.cor., marked ¼ on N.face, and raise a mound of stone 3 ft.base, 1½ ft.high N.of cor.Pits impracticable. This corner is about 25 lks.E.of foot of high ledge.
47.50	Top of ascent of mountain peak, one of the highest in Silver Islet range, 1500 ft.above bench, bears N. and S. Begin very rough abrupt descent.
80.08	The cor.of secs.8,9,16, and 17. Land, mountainous. Soil, stony; 4th rate. No timber. Mountainous land 80.08 chs. Sept.16, 1907.

Sept. 18:
At. 7h. 54m.a.m.l.m.t.I set off 40° 50' on the lat. arc; 2° 11'N.on the decl.arc; and determine a meridian with the solar at the cor.of secs.8,9,16, and 17.
Thence I run
N.0°03'W.bet.secs.8 and 9,
Along west face of very rough broken mountain.

40.00	Set a limestone 18x7x5 ins., 12 ins.in the ground, for ¼ sec.cor., marked ¼ on W.face; and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor. This ¼ sec.cor.on west face of steep mountain.
41.00	Foot of limestone ledge 35 ft.high, top of which bears

SUBDIVISION OF T. 1 N., R. 18 W.

Chains.	
	N.70° W. and S.70° E. 1000 ft.above bench, top of Silver Islet Range.
	Thence over broken country.
69.50	Ridge bears N.20° W. and S.20° E.
	Descend.
80. 00	Set a limestone 15x8x6 ins. 10 ins.in the ground, for cor.of secs.4,5,8, and 9, marked with 4 notches on E. and 5 notches on S.edge; and raise a mound of stones 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.
	This corner is in head of large deep hollow, draining E.
	Land, mountainous.
	Soil, stony; 3d rate.
	No timber.
	Mountainous land 80.00 chs.

N.89° 57'E.on random line bet.secs.4 and 9,

40.00	Set temp.¼ sec.cor.
80.04	Intersect N. and S.line 7 lks.S.of the cor.of secs.3, 4, 9, and 10. Thence I run
	S.89° 54'W.on true line bet.secs.4 and 9,
	Over rough mountainous land; ascending gradually along south side of hollow, the bottom of which is about 3 chs.north and high mountain ridge bearing E. and W. about 20 chs.north
40.02	Set a limestone 15x8x5 ins., in mound of stone . for ¼ sec.cor., marked ¼ on N.face; and raise a mound of stone 2 ft.base, 1½ ft.high N.of cor. Pits impracticable.
51.00	Ascent becomes very steep and rough.
58.00	Top of abrupt ascent; ascend gradually along north face of mountain.
70.00	Ravine, drains N.60° E. Ascend abruptly.
80.04	The cor.of secs.4,5,8, and 9.

SUBDIVISION OF T. 1 N., R. 18 W.

Chains.	
	Land mountainous.
	Soil, stony; 3d and 4th rate.
	No timber.
	Mountainous land 80.04 chs.
	Sept.18 :At this cor.I set off 2° 07'N.on decl.arc; and at 11 h.54 m.a.m.l.m.t.observe the sun on the meridian; the resulting lat.is 40° 50'
	N.0°03'W.on random line bet.secs.4 and 5,
40.00	Set temp.¼ sec.cor.
79.90	Intersect N.bdy.of Tp. 5 lks.W.of the cor.of secs.4,5, 32, and 33, heretofore described. Thence I run S.0°01'E.on true line bet.secs.4 and 5,
	Over mountainous; descending over quartzite and porphyry boulders.
18.50	Wash, drains E. [illegible] drains E.
	Begin gradual ascent.
39.90	Foot of steep mountain bearing E. and W.
	Set a limestone 15x8x5 ins., 10 ins.in the ground, for ¼ sec.cor.; marked ¼ on W.face, and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.
	Ascend.
59.00	Top of limestone ridge, bears N.45° W. and S.45° E.
	Thence along head of rough swale drainins N.45° W.
	Ascending gradually.
72.00	Top of same ridge bears N.15° E. and S.15° W.
	Thence along E.face of same ridge.
79.90	The cor.of secs.4,5,8, and 9.
	Land mountainous.
	Soil, stony; 3d and 4th rate.
	No timber.
	Mountainous land 79.90 chs.
	Sept.18, 1907.

Chains	
	Sept.19:
	At 7h.54 m.a.m.l.m.t.I set off 40° 46' on the lat. arc; 1° 48'N.on decl.arc; and determine a meridian with the solar at the standard cor.of secs.31 and 32 on S.bdy.of Tp., eastablished by myself and heretofore described. Thence I run
	N.0°04'W.bet.secs.31 and 32,
	Over level alkali flat.
40. 00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins. E. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 31 on W.face; and 32 on E.face.
80.00	Set a redwood post 3 ft.long, 4 ins.square, with quart of glass deposit, 24 ins.in the ground, for cor.of secs.29,30,31, and 32, marked
	T 1 N S 29 on NE.
	R 18 W S 32 on SE.
	S 31 on SW., and
	S 30 on NW .face; with 1 notch on S. and 5 notches on E.edge; dig pits 18x18x12 ins.in each sec.5½ ft. dist.; and raise a mound of earth 4 ft.base, 2 ft. high W.of cor.
	From this cor.a fine spring, slightly saline, heads N. 45° 55'E. 23.57 chs.dist.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.28,29,32 and 33 and run
	N.89° 55'E.on random line bet.secs.29 and 32
40.00	Set temp.¼ sec.cor.

SUBDIVISION OF T. 1 N., R. 18 W.

Chains.	
80.02	Intersect N. and S. line at the cor. of secs. 28, 29, 32, and 33. Thence I run S.89° 55' W. on true line bet. secs. 29 and 32,
	Over almost level alkali land.
32.00	Stream, 3 lks. wide, 3 ins. deep, water saline, flows S. 50' E.
40.01	Deposit a quart of glass 12 ins. in the ground, for ¼ sec. cor.; dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit.
	In E. pit drive a pine stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked ¼ S 29 on N. face; and 32 on S. face.
80.02	The cor. of secs. 29, 30, 31, and 32.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

	I sight a flag set at the cor. of secs. 25, 30, 31, and 36 and run N.89° 58' W. on random line bet. secs. 30 and 31,
40.00	Set temp. ¼ sec. cor.
79.92	Intersect W. bdy. of Tp. at the cor. of secs. 25, 30, 31, and 36, heretofore described. Thence I run S.89°58' E. on true line bet. secs. 30 and 31,
	Descending over mountainous land.
18.92	Foot of steep mountain bearing N.38° E. and S.38° W.
39.92	Set a quartzite stone 15x7x5 ins., 10 ins. in the ground for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone 2 ft. base, 1½ ft. high N. of cor. Pits impracticable.
	Thence along rolling gravelly bench.
51.50	Leave gravelly bench; enter alkali land and hummocks.

See Corrective Notes Book 2 Page 1.

Chains.

54.92 Sheep road bears N.50° E. and S.50° W.

79.92 The cor.of secs.29.30.31, and 32.

Land, level, rolling, and mountainous.

Soil, gravelly, stony, and alkaline; 2d, 3d, and 4th rates.

No timber.

Mountainous land 18.92 chs.

N.0°04'W.bet.secs.29 and 30,

Over almost level alkali land and hummocks.

16.30 Sheep road, beasr E. and W.

37. 00 Leave level alkali land and hummocks, bearing E. and W. enter gently rolling bench land; ascending gradually.

40.00 Set a limestone 15x8x6 ins., 10 ins.in the ground, for ¼ sec.cor., marked ¼ on W.face; and raise a mound of stones 2 ft.base, 1½ ft.high W.of cor. Pits impracticable.

80.00 Set a limestone 14x9x7 ins., 9 ins.in the ground, for cor.of secs.19,20,29, and 30, marked with 5 notches on E. and 2 notches on S.edges; and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.

Land, level and gently rolling.

Soil, alkaline and gravelly; 3d rate.

No timber.

Sept. 14 : At this cor.I set off 1°44' N.on decl.arc; and at 11 h.54m.a,m.l.m.t.observe the sun on the meridian; the resulting lat.is 40° 48'N.

I sight a flag set at the cor.of secs.20,21,28, and 29, and run

East on a random line bet.secs.20 and 29,

SUBDIVISION OF T. 1 N., R. 18 W.

Chains.	
40.00	Set temp.¼ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.20,21,28, and 29. Thence I run
	West on a true line bet.secs.2 0 and 29,
	Over gently rolling land.
31.53	Sheep road bears NE. and SW .
40.00	Set a limestone15x8x7 ins.,, 10 ins.in the ground, for ¼ sec.cor. marked ¼ on N.face; dig pits 18x18x12 ins. E. and W.of stone 3 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high N.of cor.
80.00	The cor.of secs.19,20,29, and 30.
	Land, gently rolling.
	Soil, gravelly; 3d rate.
	No timber.
	N.89° 58'W.on random line bet.secs.19 and 30,
40.00	Set temp.¼ sec.cor.
79.81	Intersect W.bdy.of Tp.5 lks.N.of the cor.of secs.19,24, 25, and 30, Heretofore described. Thence I run
	East on a true line bet.secs.19 and 30,
	Over broken mountainous and bench land; descending gently.
39.81	Set a limestone 16x10x8 ins., 11 ins.in the ground, for ¼ sec.cor., marked ¼ on N.face; and raise a mound of stones 2 ft.base, 1½ ft.high N.of cor.Pits impracticable.
48.50	Foot of descent; begin ascent of limestone ridge, bearing, northerly and southerly.
52.20	Top of ascent 100 ft.high; descend abruptly, bearing N. and S.
57.00	Foot of descent bearing N. and S.; thence over gently rolling bench.
79.81	The cor.of secs.19.20,29, and 30.

Chains. Land, rolling and mountainous.

Soil, stony and gravelly: 3d and 4th rate.

No timber.

Mountainous land 57.00 chs.

N.0°04'W.bet.secs.19 and 20,

Over rolling bench or mountainous land; ascending.

40.00 Set a limestone 14x8x6 ins., 9 ins.in the ground, for ¼ sec.cor., marked ¼ on W.face; and raise a mound of stone 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.

80.00 Set a limestone 18x8x4 ins., 12 ins.in the ground, for cor.of secs.17,18,19, and 20; marked with 5 notches on E. and 3 notches on S.edge; and raise a mound of stones 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.

Land, rolling and mountainous.

Soil, gravelly and stony; 3d rate.

No timber.

Mountainous land 80.00 chs. Sept. 19, 1907.

Sept.20:At $7^{h}\ 54^{m}$ a.m.l.m.t.I set off 40° 49' on lat.arc; 1° 25' N.on decl.arc; and determine a meridian with the solar at the cor.of secs.17, 18, 19, and 20.

Thence I run

East on a random line bet.secs.17 and 20,

40.00 Set temp.¼ sec.cor.

70.08 Intersect N. and S.line 4 lks.N.of the cor.of secs.16,17, 20, and 21. Thence I run

N.89° 58'W.on true line bet.secs.17 and 20.

Over broken mountainous land; descending.

8.00 Foot of descent bearing N. and S.; thence across hollow

SUBDIVISION OF T. 1 N., R. 18 W.

Chains.	
13.00	Wash, drains south. ft. wide, ft. deep.
18.00	Opposite side of hollow, ft.deep, drains
29.00	Top of limestone ridge 150 ft.above wash, bears N. and S.; thence over broken country.
39.99	Set a quartzite stone 18x7x4 ins., 12 ins.in the ground for ¼ sec.cor., marked ¼ on N.face; and raise a mound of stones 2 ft.base, 1½ ft.high N.of cor.Pits impracticable.
50.00	Begin gentle descent over clay hills and rolling bench, bearing NW. and S.
79.98	The cor.of secs.17,18,19, and 20.
	Land, mountainous.
	Soil, stony, clay, and gravelly; 3d rate.
	No timber.
	Mountainous land 79.98 chs.

West on a random line bet.secs.18 and 19,

40.00	Set temp.¼ sec.cor.
79.69	Intersect W.bdy.of Tp. 5 lks.N.of the cor.of secs.13, 18,19, and 24, heretofore described. Thence I run S.89° 58'E.on true line bet.secs.18 and 19,
	Over very rough mountainous land; ascending.
4.35	Top of Silver Islet Range, bearing N. and S., 1000 ft. above bench land; descend.
39.69	Set a limestone 18x6x6 ins., 12 ins.in the ground, for ¼ sec.cor., marked ¼ on N.face, and raise a mound of stones 2 ft.base, 1½ ft.high N.of cor.Pits impracticable.
41.00	Foot of steep mountain; thence over broken country.
51.00	Begin ascent bearing N. and S.
57.20	Top of limestone ridge, 100 ft.high bears N. and S. Descend.
60.70	Foot of descent bearing N. and S.

Chains.	
	Ascend.
79.69	The cor.of secs.17,18,19, and 20.
	Land, mountainous.
	Soil, stony; 3d and 4th rate.
	No timber.
	Mountainous land 79.69 chs.
	N.0°04'W.bet.secs.17 and 18,
	Over mountainous land; ascending.
40.00	Set a quartzite stone 15x7x6 ins., 10 ins.in the ground for $\frac{1}{2}$ sec.cor., marked $\frac{1}{4}$ on W.face; and raise a mound of stones 2 ft.base, $1\frac{1}{2}$ ft.high W.of cor.Pits impracticable.
50.00	Top of ascent; low pass in Silver Islet Range, 500 ft. above bench, bears E. and W.
	Descend over rough broken country.
80.00	Set a quartzite stone 18x6x5 ins., 12 ins.in the ground for cor.of secs.7,8,17, and 18, marked with 5 notches on E. and 4 notches on S.edge; and raise a mound of stones 2 ft.base, $1\frac{1}{2}$ ft.high W.of cor.Pits impracticable.
	Land, mountainous.
	Soil, stony; 4 th rate.
	No timber.
	Mountainous land 80.00 chs.
	Sept.20: At this cor.I set off 1°20' N.on decl.arc; and at 11 h.54 m. m., l.m.t.observe the sun on the meridian; the resulting lat.is 40° 50'
	S.89° 58' E.on random line bet.secs.8 and 17,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.02	Intersect N. and S.line at the cor.of secs.8,9,16, and 17. Thence I run

SUBDIVISION OF T. 1 N., R. 18 W.

Chains.	
	N.89° 58'W.on true line bet.secs.8 and 17,.
	Over very rough mountainous land; descending.
20.00	Foot of steep descent bearing N. and S.; thence across hollow, draining south
	Thence over rolling land.
32.50	Wash, draining south. Begin gentle ascent.
39.00	Ascent becomes steep.
40.01	Set a limestone 18x12x4 ins., 12 ins.in the ground, for ¼ sec.cor., marked ¼ on N.face; and raise a mound of stones 3 ft.base, 1½ ft.high N.of cor.Pits impracticable.
56.80	Top of Silver Islet Range, 800 ft.high above bench, bears N.30° E. and S.30° W.
	Descend over steep, broken west face of mountain.
80.02	The cor.of secs.7,8,17, and 18.
	Land, mountainous.
	Soil, stony; 4th rate.
	No timber.
	Mountainous land 80.02 chs.

	N.89° 58'W.on random line bet.secs.7 and 18
40. 00	Set temp.¼ sec.cor.
79.58	Intersect W.bdy.of Tp.5 lks.N.of cor.of secs. 7,12,13, and 18 heretofore described. Thence I run
	East on true line bet.secs.7 and 18,
	Over broken, mountainous country.
39.58	Set a quartzite stone 15x8x5 ins., 10 ins.in the ground for ¼ sec.cor., marked ¼ on N.face; and raise a mound of stones 3 ft.base, 1½ ft.high N.of cor.Pits impracticable.
79.58	The cor.of secs.7,8,17, and 18.
	Land, mountainous.
	Soil, stony; 3d and 4th rate.
	No timber.

SUBDIVISION OF T. 1 N., R. 18 W.

Chains.	
	Mountainous land 79.58 chs.
	Sept.20, 1907.
	Sept.21:
	At 7h 53m a.m.l.m.t. I set off 40° 50' on lat. arc 1° 02'N.on decl.arc; and determine a meridian with the solar; at the cor.of secs.7,8,17, and 18.
	Thence I run
	N.0°04'W.bet.secs.7 and 8,
	Over broken mountainous land; descending gently.
40.00	Set a limestone 12x12x8 ins., 8 ins.in the ground, for ¼ sec.cor., marked ¼ on W.face; and raise a mound of stones 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.
80.00	Set a white quartzite stone 15x7x5 ins., 10 ins.in the ground, for cor.of secs.5,6,7, and 8, marked with 5 notches on S. and E.edges; and raise a mound of sto stones 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.
	Land, mountainous.
	Soil, stony; 3d and 4th rate.
	No timber.
	Mountainous land 80.00 chs.
	S.89° 58'E.on random line bet.secs.5 and 8,
40.00	Set temp.¼ sec.cor.
79.90	Intersect N. and S.line 4 lks.N.of the cor.of secs. 4, 5,8, and 9. Thence I run
	N.89° 56'W.on true line bet.secs.5 and 8,
	Over rough, broken mountains; ascending.
1.50	Top of Silver Islet Range bearing N. and S. 975 ft. above bench; descend over rough broken mountainous land.

SUBDIVISION OF T. 1 N., R. 18 W.

Chains.	
39.95	Set a limestone 12x12x6 ins., 8 ins.in the ground, for ¼ sec.cor., marked ¼ on N.face; and raise a mound of stone 2 ft.base, 1½ ft.high N.of cor.Pits impracticable.
79.90	The cor.of secs.5,6,7, and 8.
	Land, mountainous.
	Soil, stony; 4th rate.
	No timber.
	Mountainous land 79.90 chs.
	Sept.21: At this cor.I set off 0° 57'N.on decl.arc; and at 11 h.53 m. a.m.l.m.t.observe the sun on the - meridian; the resulting lat.is 40° 51'
	West on a random line bet.secs.6 and 7,
40.00	Set temp.¼ sec.cor.
79.49	Intersect West bdy.of Tp.at the cor.of secs.1,6,7, and 12, heretofore described. Thence I run
	East on a true line bet.secs.6 and 7,
	Over broken mountainous land.
39.49	Set a limestone 12x12x8 ins., 8 ins.in the ground, for ¼ sec.cor., marked ¼ on N.face; and raise a mound of stones 2 ft.base, 1½ ft.high N.of cor.Pits impracticable.
79.49	The cor.of secs.5,6,7, and 8.
	Land, mountainous.
	Soil, stony; 3d rate.
	No timber.
	Mountainous land 79.49 chs.
	N.0°04'W.on random line bet.secs.5 and 6,
40.00	Set temp.¼ sec.cor.
79.85	Intersect N.bdy.of Tp., 9 lks.E.of the cor.of secs. 5 6,31, and 32 heretofore described. Thence I run

SUBDIVISION OF T. 1 N., R. 18 W.

chains. S.0°08'E.on true line bet.secs.5 and 6, Over broken, mountainous land.

39.85 Set a limestone 16x7x6 ins., 11 ins.in the ground, for ¼ sec.cor., marked ¼ on W.face; and raise a mound of stones 2 ft.base, 1½ ft.high W.of cor.Pits impracticable.

79.85 The cor.of secs.5,6,7, and 8.

Land, mountainous.

Soil, stony; 4th rate.

No timber.

Mountainous land 79.85 chs.

Sept.21, 1907.

GENERAL DESCRIPTION.

This township is composed of alkali flat, rolling bench, and mountains. The southern and eastern parts consist of an almost level alkali flat. Secs.24,25,26 34,35 and 36 in whole or in part are covered with salt. The remainder of the alkali portion affords little or no vegetation, and is dotted with small conical clay mounds or hummocks.

Adjacent to the alkali flat we find the rolling bench; while the northwestern part is mountainous.

The mountainous land affords a fair growth of bunch grass and scattering low shrubs, but no timber; while the bench is covered with a scattering growth of sagebrush and greasewood undergrowth.

In secs.4,8,9,16 and 17 I found iron croppings and some evidence of copper, but not sufficient to return as mineral land.

In section 22 there is a fair sized spring, the only one in the township. Its water, while used for stock watering purposes, is too salty to be used for

culinary purposes.

There are no settlers in this township.

Alonzo J. Stookey

U.S. Deputy Surveyor.

Volume
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R0345

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PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

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

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

.....

showing the respective capacities in which they acted:

or list of names and final oaths of assistants see book ....., *Chainman.*

"Z⁴" T. 1 N., R. 16 W. ....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

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

.....

.....

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

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

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

Subscribed and sworn to before me this .....
day of ....., 190

.....

SEAL

.....

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BOOK A-345

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, bearing date of the United States Surveyor General for _____ day of _____, 190 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

For final affidavit see book "Z⁴" T. 1 N., R. 16 W.

_____ of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

_____

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me this _____ day of _____, 190

SEAL

_____

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, May 8, 190 8

The foregoing field notes of the survey of the subdivisional lines of Township No.1 North, Range No. 18 West of the Salt Lake Base and Meridian, Utah,

executed by Alonzo J.Stookey under his contract No. 296, dated March 21, 190 7, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Thomas Lee

United States Surveyor General.

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

_____

United States Surveyor General.

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BOOK A-345
2.

CORRECTIVE

FIELD NOTES

To Book "Y" Original Notes
OF THE SURVEY OF THE

Subdivisions
of
Sec 1 Sh Rg 18 W

Of the Salt Lake Basin and Meridian,
Utah

AS SURVEYED BY

Alonzo Stookey, United States Deputy Surveyor,

under his Contract No. 276, dated March 21, 1907

Survey commenced July 14, 1908

Survey completed July 14, 1908

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BOOK A-345

NAMES AND DUTIES OF ASSISTANTS.

David Wark Jr	Blacksmith
Lionel Stookey	Blacksmith
Lionel Stookey	Horseshoer

BOOK A-345

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BOOK A-345

PRELIMINARY OATHS OF ASSISTANTS.

We, David Sharp Jr and Lionel J Stookey do solemnly swear that we will well and faithfully execute the duties of chainmen, that we will level th chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; tha we will report the true distances to all notable objects, and the true lengths of all lines that we assist i measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey o the subdivisions of T 1 North Rg 1 West Salt Lake Base and Meridian

David Sharp Jr, Chainman

Lionel J Stookey, Chainman

Subscribed and sworn to before me this 14 day of July, 1908

SEAL

Lionel J Stookey
U.S. Deputy Surveyor

We, J. Lionel J Stookey and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishme of corners, according to the instructions given us, to the best of our skill and ability, in the survey the subdivisions of T 1 N Rg 1 W of the Salt Lake Base and Meridian

Lionel J Stookey, Moundman

, Moundman

Subscribed and sworn to before me this 14 day of July, 1908

SEAL

Lionel J Stookey
U.S. Deputy Surveyor

We, and

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

, Axman

, Axman

Subscribed and sworn to before me this day of , 190

SEAL

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

, Flagman

Subscribed and sworn to before me this day of , 190

SEAL

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Connection Notes
Subdivision 1 N. 18 W.

July 14, 1908.

I begin at the cor. of Secs. 29, 30, 31 and 32, set by me and heretofore described and at 2^h 36 m P. M. l.m.t. I set off 21° 40' N. one decl. arc., 40 degrees 47' on lat. arc and dtermine a meridan with the solar.

Thence I run

N. 89 degress 47' W. bet. Secs. 30 and 31 for Cor. of Secs. 25, 30, 31 and 36, which is plainly visible.

40,00 Set a quartzite stone 15 x 8 x 5 ins. 10 ins. in the ground for ¼ Sec. cor. marked 1/4 on N. face; and raise a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Original ¼ cor. bears S 20 lks dist.

I destroy all traces of same.

The ¼ Sec. Cor. bet Secs. 31 and 36 on W. bdy. of T. 1 N. R. 18 W. was set wrong.

I therefore destroy all traces of same and set a lime stone 15 x 10 x 7 ins. 10 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on W. Face; and faise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.

See original notebook page

July 14, 1908.

Alonzo J. Stookey
U. S. Dep. Surveyor.

Note:

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

Alonzo J. Stookey
U. S. Dep. Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Lionel J. Stookey, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the corrective Subdivisions of Sec. 1 N. R 18 W Salt Lake Base and Meridian showing the respective capacities in which they acted:

David Sharp Jr, *Chainman.*
Lionel J. Stookey, *Chainman.*
Lionel J. Stookey, *Moundman.*
, *Moundman.*
, *Axman.*
, *Axman.*
, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Lionel J. Stookey, United States Deputy Surveyor, in surveying all those parts or portions of the corrective survey of the subdivisions of Sec. 1 N. Rg 18 W. of the Salt Lake Base and corrective meridian, State of Utah, which are represented on the foregoing corrective 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.

David Sharp Jr, *Chainman.*
Lionel J. Stookey, *Chainman.*
Lionel J. Stookey, *Moundman.*
, *Moundman.*
, *Axman.*
, *Axman.*
, *Flagman.*

Subscribed and sworn to before me this 14 day of June, 1907.

SEAL

Lionel J. Stookey
U.S. Deputy Surveyor.

BOOK A-345

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Clarence J. Starkey, a United States Deputy Surveyo, solemnly swear that, in pursuance of a contract received from Thomas Hall, United States Surveyor General for Utah, bearing date of the 21 day of March, 1907, I have well, faithfully, and truly, in my o proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of t United States, surveyed all those parts or portions of the Corrective survey of Su Tps. 1 No. Rg. 1 W. of the Salt Lake meridian, in the State of Utah, which are represented in t foregoing field notes as having been surveyed by me, and under my direction; and I do further solemn swear that all the corners of said Corrective survey have been established and perpetuated in strict accordance w the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah and in the specific manner described in the field notes, and th the foregoing are the original field notes of such Corrective survey.

Clarence J. Starkey
United States Deputy Survey

Subscribed by said Clarence J. Starkey, and sworn to before me this 3rd day of December, 1907.

SEAL

Thomas Hall
U. S. Surveyor General for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 4, 19

The foregoing field notes of the survey of Corrective the subdivisions of Township No. 1 North Range No. 1 West of the Salt Lake Base and Meridian, Utah

executed by Clarence J. Starkey under his contract No. 296, dated March 21, 1907, having b critically examined, and the necessary corrections and explanations made, the said field notes, and Corrective surveys they describe, are hereby approved.

Thomas Hall
United States Surveyor Gene

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

_____
United States Surveyor Gene

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BOOK A-345

Z

FIELD NOTES

OF THE SURVEY OF THE

GUIDE MERIDIAN

THROUGH

TOWNSHIP NO. 1 NORTH

BETWEEN

RANGES 16 and 17 WEST

Of the SALT LAKE BASE AND *Meridian,*

U T A H.

AS SURVEYED BY

Alonzo J. Stookey, *United States Deputy Surveyor,*

Under his Contract No. 396, *dated* March 21, 1907.

Survey commenced September 22, 1907.

Survey completed September 23, 1907.

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BOOK A-345

NAMES AND DUTIES OF ASSISTANTS.

Ralph Gentry,	Chainman.
Richard Orr,	Chainman.
Asael Tanner,	Chainman.
Lionel J.Stookey,	Chainman.
Richard Orr,	Moundman.
Lionel J.Stookey,	Moundman.
Warren Eyman,	Flagman.

For preliminary affidavits see book "T" Tp.1 S., Rs.16 and 17 W.

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INDEX DIAGRAM.

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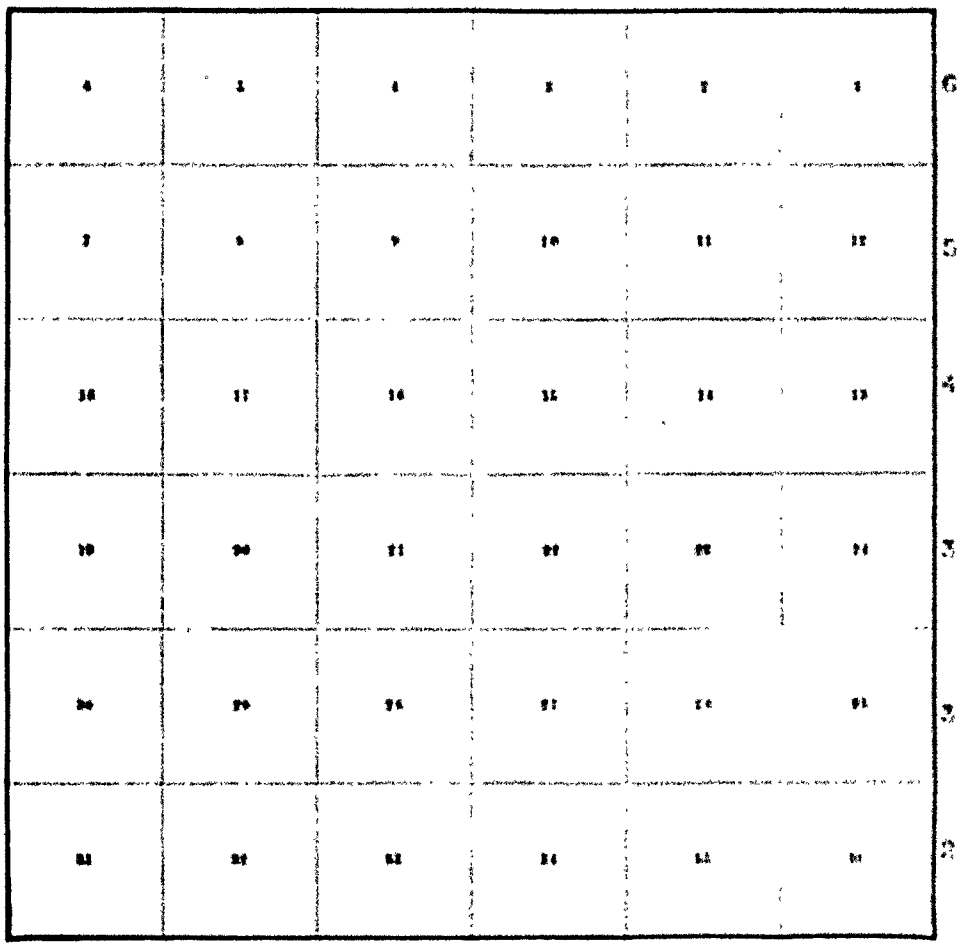

Meanders Page ....

PRELIMINARY OATHS OF ASSISTANTS.

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

_____, C.

_____, C.

Subscribed and sworn to before me this _____
day of _____, 190

_____

SEAL

_____

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

_____, Mound

_____, Mou

Subscribed and sworn to before me this _____
day of _____, 190

_____

SEAL

_____

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

_____, A

_____, A

Subscribed and sworn to before me this _____
day of _____, 190

_____

SEAL

_____

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

Subscribed and sworn to before me this _____
day of _____, 190

_____

SEAL

_____

GUIDE MERIDIAN THROUGH T. 1 N.,BET.RS.16 and 17 W.

Survey commenced Sept.22, 1907, and executed with the instrument described in book "A" of this survey.

At the standard cor.of Tp.1 N., Rs.16 and 17 W.; lat. 40° 46' 04" N.; longitude 113° 43' 35" W. I set off 40° 46' on lat.arc;0° 31'N.on decl.arc; and at 3 h. 53 m.p.m.l.m.t.determine with the solar a meridian and mark a point thereof on a stone firmly set in the ground 5 chs.N.of the cor.

At 7 h.29 m.p.m.l.m.t.I observe Polaris at eastern elongation in accordance with Manual of Instructions and mark a point in the line thus determined on a peg driven in the ground 5 chs.N.of my station.

Sept.22, 1907.

Sept.23: At 7 a.m.l.m.t.I lay off the azimuth of Polaris 1° 34' to the west and mark the meridian thus determined, by cutting a small groove in the stone set Sept.22, on which the meridian falls 0.4 ins.east of the mark determined by the solar.

At 7 h. 23m.a.m.l.m.t.I set off 4.0° 46' on lat.arc; 0° 16'N.on the decl.arc; and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs.N.of my station; this mark falls 0.4 ins.east of the meridian established by the Polaris observation.

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

The magnetic bearing of the true meridian st 8 h. 0 m.a.m. is 17° 28'W.; the angle thus determined gives the mag.decl.17° 28'E.

GUIDE MERIDIAN THROUGH T.1 N., BET.RS.16 and 17 W.

Chains.	
	From the standard cor.already described, I run North bet.secs.31 and 36,
	Over level alkali land, covredwwith a thin scale of salt.
	Difference bet.measurements of 40.00 chs.by two sets of chainmen is 1 lk; position of middle point
	By 1st set 40.00½chs.
	By 2d set 39.99½chs.; the mean of which is
40.00	Deposit a quart of glass, 12 inslin the ground, for ¼ sec.cor., dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 36 on W.face; and 31 on E.face.
	Difference bet.measurement of 80.00 chs.by two sets of chainmen is 1 lk.; position of middle ppoint,
	By 1st set 80.00½chs.
	By 2d set 79.99½chs., the mean of which is
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.25,30,31, and 36; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12ins.in the ground, marked
	T 1 N S 30 on NE.
	R 16 W S 31 on SE.
	R 17 W S 36 on SW., and
	S 25 on NW.face, with 1 notch on S. and 5 notches o on N.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

GUIDE MERIDIAN THROUGH T. 1 N., BET.RS.16 and 17 W.

Chains.	
	North bet.secs.25 and 30,
	Over level alkali land, covered with thin scale of salt.
	Difference bet.measurements of 40.00 chs.by two sets of chainmen is 1 lk.; position of middle point,
	By 1st set 39.99½chs.
	By 2d set 40.00½chs.; the mean of which is
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 25 on W.face; and 30 on E.face.
	Difference in measurement of 80.00 chs.by two sets of chainmen is 2 lks:; position of middle point,
	By 1st set 80.01 chs.
	By 2d set 79.99 chs.; the mean of which is
80.00	Deposit a quart of glass 12 ins.in the ground, for cor. of secs.19,24,25 and 30; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	T 1 N S 19 on NE.
	R 16 W S 30 on SE.
	R 17 W S 25 on SW. and
	S 24 on NW.face; with 2 notches on S. and 4 notches on N.edge.
	Land, level.
	Soil, alkaline and salt; 4th rate.
	No timber.

North bet.secs.19 and 24,

Over level alkali land, covered with thin scale of salt.

GUIDE MERIDIAN THROUGH T. 1 N., BET.RS.16 and 17 W.

Chains. No difference in measurement of 40.00 chs.by two sets of chainmen,

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 24 on W.face; and 19 on E.face.

Difference bet.measurement of 80.00 chs.by two sets of chainmen is 1 lk.; position of middle point,

By 1st set 80.00½chs.

By 2d set 79.99½chs.; the mean of which is

80.00 Deposit a quart of glass.12 ins.in ground,for cor.secs. 13,18,19, and 24; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 18 on NE.

R 16 W S 19 on SE.

R 17 W S 24 on SW., and

S 13 on NW .face; with 3 notches on N. and S.edges

Land, level.

Soil, alkaline with salt crust; 4th rate.

No timber.

North bet.secs.13 and 18,

Over level alkali land,covered with thin scale of salt.

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

By 1st set 39.99 chs.;

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

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft.

GUIDE MERIDIAN THROUGH T. 1 N., BET.RS.16 and 17 W.

Chains.

dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

½ S 13 on W.face; and 18 on E.face.

Salt scale increases in thickness.

No difference bet.measurements of 80.00 chs.by two sets of chainmen,

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.7,12,13, and 18; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 7 on NE.

R 16 W S 18 on S E.

R 17 W S 13 on SW., and

S 12 on NW.face; with 2 notches on N. and 4 notches on S.edge.

Land, level.salt bed. No timber.

Sept.23: At this cor.I set off 0° 10' E.on decl.arc; and at 11h.53m.a.m.l.m.t.observe the sun on the meridian; the resulting lat.is 40° 50'

North bet.secs.7 and 12,

Over level alkali land, covered with scale of salt about 1½ ins.thick.

No difference in measurements of 40.00 chs.by two sets of chainmen.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins. in the ground, marked

GUIDE MERIDIAN THROUGH T. 1 N., BET.RS.16 and 17 W.

Chain.. ¼ S 12 on W.face; and 7 on E.face.

Difference in measurement of 80.00 chs.by two sets of chainmen is 2 lks; position of middle point,

By 1st set 80.01 chs.

By 2d set 79.99 chs., the mean of which is

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.1,6,7, and 12; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 6 on NE.

R 16 W S 7 on SE.,

R 17 W S 12 on SW., and

S 1 on NW.face; with 5 notches on S. and 1 notch on N.edge.

Land, level salt bed.

No timber.

North bet.secs.1 and 6,

Over level salt bed.

Difference bet.measurement of 40.00 chs.by two sets of chainmen is 1 lk.; position of middle point,

By 1st set40.00½chs.

By 2d set 39.99½chs.; the mean of which is

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S .of cor.4ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 1 ins.in the ground, marked

¼ S 1 on W.face; and 6 on E.face.

Difference bet.measurements of 80.00 chs. by two sets of chainmen is 2 lks.; position of middle point

GUIDE MERIDIAN THROUGH T. 1 N., BET.RS.16 and 17 W.

Chains.

By 1st set 80.01 chs.

By 2d set 79.99 chs.; the mean of which is

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor.of Tps.1 and 2 N., Rs.16 and 17 W.; dig pits 24 x24x12 ins.on each line, N., S., E., and W.of cor.5 ft.dist.; and raise a mound of earth 5 ft.base, 2½ ft.high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 2 N S 31 on NE.

R 16 W S 6 on SE.

T 1 N S 1 on SW., and

R 17 W S 36 on NW.face; with 6 notches on each edge.

Land, level salt bed.

No timber.

From the Tp.corner prominent peaks in Silver Islet Ra Range bear as follows:

Peak No.1 bears N.3° 30'W.

Peak No.2, bears N.28° 38'W.

Peak No.3, bears N.60° 45'W.

Sept.23, 1907.

For general description see notes of subdivision of this township.

U.S.Deputy Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Alonzo J.Stookey

, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the Guide Meridian, through Tps.1 N., and 1 S., between Rs.16 and 17 W.of the S.L.B. and M., Utah.

showing the respective capacities in which they acted:

Ralph Gentry,Richard Orr, Chainmen.

Asael Tanner,Lionel J.Stookey, Chainmen.

Richard Orr, Moundman.

Lionel J.Stookey, Moundman.

, Axman.

, Axman.

Warren Eyman, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Alonzo J.Stookey

, United States Deputy Surveyor, in surveying all those parts or portions of the the Guide Meridian, through Townships 1 North and 1 South, between Ranges 16 and 17 West

of the Salt Lake Base and meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by him 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

Asael Tanner Lionel J. Stookey, Chainman.

Ralph Gentry Richard Orr, Chainman.

Lionel J. Stookey, Moundman.

Richard Orr, Moundman.

, Axman.

, Axman.

Warren Eyman, Flagman.

Subscribed and sworn to before me this 7th day of October, 1907.

SEAL

U.S.Deputy Surveyor.

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FINAL OATH OF UNITED STATES DEPUTY

I, Alonzo J.Stookey, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from Thomas Hull, United States Surveyor General for Utah, bearing date of 21st day of March, 1907, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States General for Utah, the Manual of Surveying Instructions, and the laws of United States, surveyed all those parts or portions of the Guide Meridian, through ships 1 North and 1 South, between Ranges 16 and 17 West

of the Salt Lake Base and Meridian, in the State of Utah, which are represented in t foregoing field notes as having been surveyed by me, and under my directions; and I do further solem swear that all the corners of said survey have been established and perpetuated in strict accordance the Manual of Surveying Instructions, and the special written instructions of the United States Surv General for Utah and in the specific manner described in the field notes, and t the foregoing are the original field notes of such survey.

In books T. and 7.

United States Deputy Surveyor

Subscribed by said Alonzo J.Stookey and sworn to before me this 2d day of January, 1908.

U.S.Surveyor-General for Utah.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Salt Lake City, Utah, May 8, 1908

The foregoing field notes of the survey of the Guide Meridian, through Township No.1 North, between Ranges 16 and 17 West of the Salt Lake Base and Meridian, Utah,

executed by Alonzo J.Stookey under his contract No. 296, dated March 21, 1907, having t critically examined, and the necessary corrections and explanations made, the said field notes, and t surveys they describe, are hereby approved.

United States

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

United States Surveyor

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BOOK A-345
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FIELD NOTES

OF THE SURVEY OF THE

NORTH BOUNDARY

O F

TOWNSHIP NO. 1 NORTH

RANGE NO. 17 WEST

Of the SALT LAKE BASE AND *Meridian,*

U T A H

AS SURVEYED BY

Alonzo J.Stookey, *United States Deputy Surveyor,*

nder his Contract No. 296, *dated* March 31, *190*7.

rvey commenced September 24, *190*7.

rvey completed September 24, *190*7.

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Surv. 5-79-84

NAMES AND DUTIES OF ASSISTANTS.

Ralph Gentry, Chainman.

Asael Tanner, Chainman.

Richard Orr, Moundman.

Lionel J.Stookey, Moundman.

Warren Eyman, Flagman.

For preliminary affidavits see book "O "T.1 S., R. 18 W.

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INDEX DIAGRAM.

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BOOK A-345

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 _____, 190

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 o

_____

_____, *Moundman*

_____, *Moundman*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

_____

_____

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

_____

_____, *Axman*

_____, *Axman*

Subscribed and sworn to before me this _____
day of _____, 190

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 _____

_____, *Flagman*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

_____

_____

NORTH BOUNDARY T. 1 N., R. 17 W.

Chains. Survey commenced Sept.24, 1907 , and executed with the instrument described in book "A" of this survey.

At 7 h.23m.a.m.l.m.t.I set off 40° 51'N.on lat.arc; 0° 2' S on decl.arc; and determine a meridian with the solar at the cor.of Tps.1 and 2 N., Rs.16 and 17 W. heretofore described.

I sight a flag set at the cor.of Tps.1 and 2 N., Rs.17 and 18 W., heretofore described, and run

West on a random line along N.bdy.of Tp., setting temp. ¼ sec.and sec.cors.at intervals of 40.00 chs.; and at 479.84 chs.intersect the cor.of Tps.1 and 2 N., Rs.17 and 18 W.. Thence I run

East bet.secs.6 and 31,

Over nearly level land, with hummocks; slopes gently SE.

39.84 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 31 on N.face; and 6 on S.face.

79.84 Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.5,6,31, and 32; dig pits 1 x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 2 N S 32 on NE.

R 17 W S 5 on SE.

T 1 N S.6 on SW.. and

S 31 on NW.face; with 1 notch on W.and 5 notches on E.edge.

Land, almost level, sloping gently to SE.

Soil, alkaline;3d rate. No timber.

Sept.24: Sky overcast at noon hour, obs.for lat.impossible.

NORTH BOUNDARY T. 1 N., R. 17 W.

Chains.	
	East bet.secs.5 and 32,
	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 32 on N.face; and 5 on S.face.
80.00	Deposit a quart of glass, 12 ins.in the ground for cor. of secs.4,5,32, and 33; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked T 2 N S 33 on NE. R 17 W S 4 on SE. T 1 N S 5 on SW., and S 32 on NW.face; with 2 notches on W. and 4 notches on E.edge.
	Land, level,
	Soil, alkaline; 3d rate.
	No timber.
	East bet.secs.4 and 33,
	Over level alkali land.
39.65	Prominent peaks in Silver Islet Range observed at cor. of Tps.1 and 2 N., Rs.16 and 17 W.bear as follows: Peak No.1 bears N.25° 55'E. Peak No.2 bears N.1° 50'E. Peak No.3 bears N.30° 56'W.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft.

Chains.	
	high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 33 on N.face, and 4 on S.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.3,4,33, and 34; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	T 2 N S 34 on NE.
	R 17 W S 3 on SE.
	T 1 N S 4 on SW. and
	S 33 on NW.face; with 3 notches on E. and W.edges.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	East bet.secs.3 and 34,
	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 34 on N.face; and 3 on S.face.
60.00	Leave alkali land; enter land covered with thin crust of salt.
80.00	Deposit a quart of charcoal, 12 ins.in the ground, for cor.of secs.2,3,34, and 35; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square,

Chains. 12 ins.in the ground, marked

T 2 N S 35 on NE.

R 17 W S 2 on SE..

T.1 N S 3 on SW., and

S 34 on NW.face; with 2 notches on E. and 4 notches on W.edge.

Land, level.

Soil, alkaline;3d rate; and saline 4th rate.

No timber.

East bet.secs.2 and 35,

Over level salt bed; salt about 1½ ins.thick.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 35 on N.face; and 2 on S.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.1,2,35, and 36; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 2 N S 36 on NE.

R 17 W S 1 on SE.

T 1 N S 2 on SW., and

S 35 on NW .face; with 1 notch on E. and 5 notdhes on W.edge.

Land, level.salt bed.

No timber.

NORTH BOUNDARY T. 1 N., R. 17 W.

Chains.

East bet.secs.1 and 36,

Over level salt bed; salt from 1½ to 2 ins.thick.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft. long, 2 ins.square, 12 ins.in the ground, marked

¼ S 36 on N.face; and 1 on S.face.

80.00 The cor.of Tps.1 and 2 N., Rs.16 and 17 W.

Land, level salt bed.

No timber.

September 24,1907.

For general description see notes of subdivision of this township.

Geo. J. Stanley

U.S.Deputy Surveyor.

BOUNDARIES OF T. 1 N., R. 17 W.

LATITUDES, DEPARTURES, AND CLOSING ERRORS.

Lines Designated,	True Bearing	Dist. chs.	Latitudes, N. chs.	Latitudes, S. chs.	Departures, E. chs.	Departures, W. chs.
North Boundary,	East	479.84	.....	.....	479.84	.....
East Boundary,	South	480.00	.....	480.00	.....	.....
South Boundary	West	480.00	.....	.....	.....	480.00
West Boundary,	North	480.00	480.00	.....	.....	.....
Convergency,					.63	
Totals,			480.00	480.00	480.47	480.00
Error in departure,					480.00	
					.47	

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

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

_____

showing the respective capacities in which they acted:

For list of names and final oaths of assistants see book "Z^3" T. 1 N., R. 16 W.

_____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

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

_____

_____

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

_____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

_____

Subscribed and sworn to before me this _____ day of _____, 190

_____

SEAL

_____

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BOOK A-345

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____ United States Surveyor General for _____, bearing date of the _____ day of _____, 190 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

For final affidavit see book "Z" " T. 1 N.. R. 16 W.

_____ of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

_____

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me this _____ day of _____, 190

SEAL

_____

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, May 8, 1908.

The foregoing field notes of the survey of the North Boundary of Township No. 1 North, Range No. 17 West of the Salt Lake Base and Meridian, Utah;

executed by Alonzo J. Stookey under his contract No. 296, dated March 21, 1907, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Thomas Hall

United States Surveyor General.

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

_____

United States Surveyor General.

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4—679.

BOOK A-345

Z^2

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION

OF

TOWNSHIP NO. 1 NORTH

RANGE NO. 27 WEST

Of the SALT LAKE BASE AND *Meridian,*

UTAH,

AS SURVEYED BY

FRANK J. STOKOE, *United States Deputy Surveyor,*

under his Contract No. 29, *dated* March 21, *1907.*

Survey commenced September 25, *1907*

Survey completed September 30, *1907.*

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BOOK A-345

NAMES AND DUTIES OF ASSISTANTS.

Ralph Gentry, Chainman.

Asael Tanner, Chainman.

Richard Orr, Moundman.

Lionel J.Stookey, Moundman.

Warren Eyman Flagman.

For preliminary affidavits see book "F" T. 10 S., R. 5 W.

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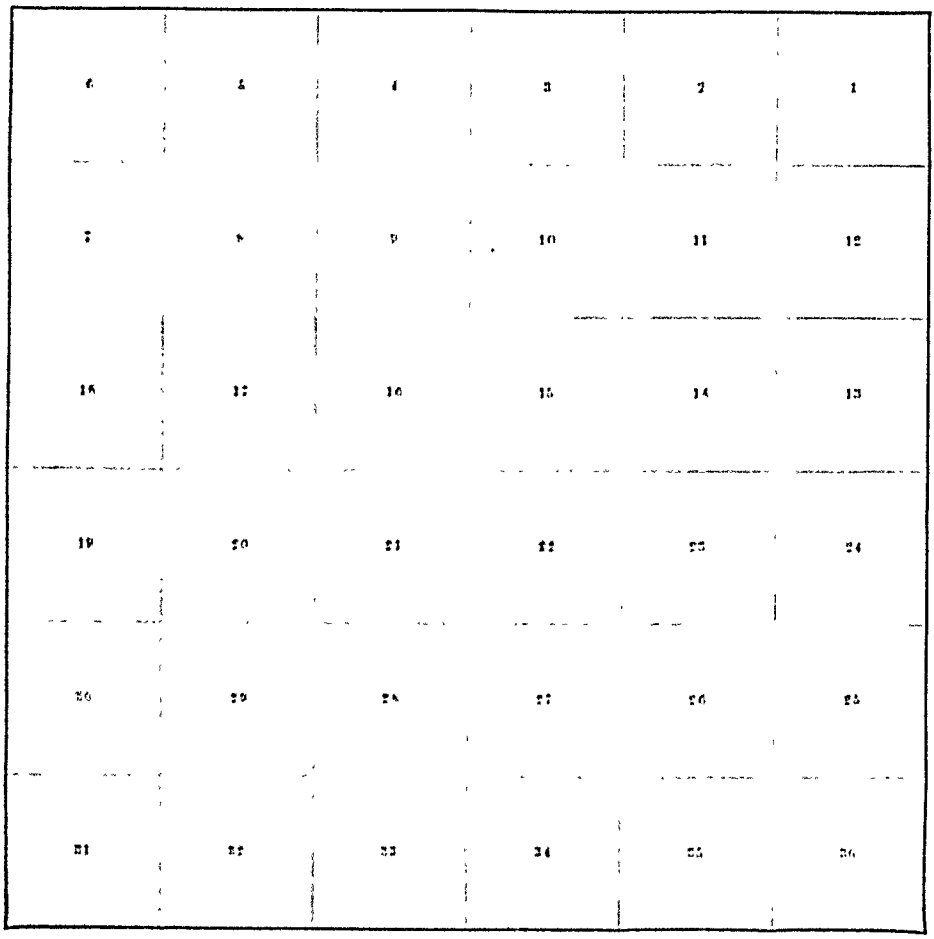
BOOK A-345

INDEX DIAGRAM.

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



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BOOK A-345

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 _____, 190

_____

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 _____, 190

_____

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 _____, 190

_____

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 _____, 190

_____

SEAL

_____

SUBDIVISION OF T. 1 N., R. 17 W.

Survey commenced Sept.25, 1907, and executed with the instrument described in book "A" of this survey.

At 7 h. 22 m.a.m.l.m.t.I set off 40° 46' on the lat. arc; 0° 31'S.on decl.arc; and determine a meridian with the solar at the standard cor.of secs.35 and 36 on S.bdy.of Tp., established by myself and heretofore described. Thence I run

N.0°01'W.bet.secs.35 and 36,

Over level land.

40.00 Deposit a quart of charcoal, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 f ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square,12 ins.in the ground, marked

¼ S 35 on W.face.; and 36 on E.face.

80.00 Deposit a quart of charcoal, 12 ins.in the ground, for cor.of secs.25,26,35, and 36; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.

In S E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 25 on NE.

R 17 W S 36 on SE.

S 35 on SW., and

S 26 on NW.face; with 1 notch on S.and E.edges.

Land, level.

Soil, saline.

No timber.

I sight a flag set at the cor.of secs.25,30,31, and 36 and run

S.89° 54'E.on a random line bet.secs.25 and 36,

40.00 Set temp.¼ sec.cor.

SUBDIVISION OF T. 1 N., R. 17 W.

Chain.
80.00 Intersect Guide Meridian at the cor. of secs. 25, 30, 31, and 36, heretofore described.

Thence I run

N. 89° 54' W. on true line bet. secs. 25 and 36,

Over level land.

40.00 Deposit a quart of glass, 12 ins. in the ground, for ¼ sec. cor.; dig pits 18 x 18 x 12 in. E. and W. of cor. 4 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit.

In E. pit drive a pine stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked

¼ S 25 on N. face; and 36 on S. face.

80.00 The cor. of secs. 25, 26, 35, and 36.

Land level.

Soil, saline; 4th rate.

No timber.

N. 0° 01' W. bet. secs. 25 and 26,

Over level salt land.

40.00 Deposit a quart of charcoal 12 ins. in the ground, for ¼ sec. cor.; dig pits 18 x 18 x 12 ins. N. and S. of cor. 4 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit.

In S. pit drive a pine stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked

¼ S 26 on W. face; and 25 on E. face.

80.00 Deposit a quart of charcoal, 12 ins. in the ground, for cor. of secs. 23, 24, 25, and 26; dig pits 18 x 18 x 12 ins. in each sec. 4 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high over deposit.

In SE. pit drive a pine stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked

T 1 N S 24 on NE.

SUBDIVISION OF T. 1 N., R. 17 W.

Chains	
	R 17 W S 25 on SE.
	S.26 on SW., and
	S 23 on NW.face; with 2 notches on S. and 1 notch on E.edge.
	Land, level salt bed.
	No timber.

	I sight a flag set at the cor.of secs.19,24,25, and 30 and run
	S.89° 54'E.on a random line bet.secs.24 and 25,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
79.99	Intersect Guide Meridian at the cor.of secs.19,24,25, and 30, heretofore described.
	Thence I run
	N.89° 54'W.on true line bet.secs.24 and 25,
	Over level salt bed.
39.99½	Deposit a quart of charcoal 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 24 on N.face; and 25 on S.face.
79.99	The cor.of secs.23,24,25, and 26.
	Land, level salt bed.
	No timber.

	N.0°01'W.bet.secs.23 and 24,
	Over level salt land.
40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor.

SUBDIVISION OF T. 1 N., R. 17 W.

Chains.	
	marked $\frac{1}{4}$ S 23 on W.face; and 24 on E.face.
80.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for cor.of secs.13, 14,23, and 24, marked T 1 N S 13 on NE. R 17 W S 24 on SE. S 23 on SW ., and S 14 on NW.face, with 1 notch on E. and 3 notches on S.edge.
	Land, level salt bed.
	No timber.
	I sight a flag set at the cor.of secs.13,18,19. and 24 and run S.89° 59'E.on a random line bet.secs.13 and 24,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
79.99	Intersect Guide Meridian at the cor.of secs.13,18,19, and 24, heretofore described. Thence I run N.89° 59'W.on true line bet.secs.13 and 24,
	Over level salt land; salt about 1 in.thick.
10.00	Salt becomes thinner.
39.99½	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked $\frac{1}{4}$ S 13 on N.face; and 24 on S.face.
79.99	The cor.of secs.13,14,23, and 24.
	Land, level salt bed.
	No timber.

SUBDIVISION OF T. 1 N., R. 17 W.

Chains. Sept.25: At this cor.I set off 0° 36'S.on accl.arc and at 11 h.52 m.a.m.l.m.t.observe the sun on the meridian the resulting lat.is 40° 49'

N.0°01'W.bet.secs.13 and 14,

Over level salt land.

40.00 Drill a hole 4 ins.square, 12 ins.in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass around it, for ¼ sec.co cor., marked

¼ S 14 on W.face; and 13 on E.face.

80.00 Drill a hole 4 ins.square, 12 ins.in the salt bed, in which I set a pine stake 2 ft.long, 2ins.square, 12 ins.deep, with quart of glass around it, for cor.of secs.11,12,13, and 14, marked

T 1 N S 12 on NE.

R 17 W S.13 on SE.

S 14 on SW.; and

S 11 on NW.face; with 1 notch on E. and 4 notches on S.edge.

Land, level salt bed.

No timber.

I sight a flag set at the cor.of secs.7,12,13, and 18 and run

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

40.00 Set temp.¼ sec.cor.

80.00 Intersect Guide Meridian at the cor.of secs.7,12,13, and 18, heretofore described. Thence I run

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

Over level salt land.

40.00 Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square,

SUBDIVISION OF T. 1 N., R.17 W.

Chains.	
	12 ins.deep, with quart of glass around it, for ¼ sec.cor., marked
	¼ S 12 on N.face; 13 on S.face.
80.00	The cor.of secs.11,12,13, and 14.
	Land, level salt bed.
	No timber.

N.0°01'W.bet.secs.11 and 12,

Over level salt land.

40.00 Drill a hole 4 ins.square, 12 ins.deep in salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor.marked ¼ S 11 on W.face; and 12 on E.face.

80.00 Drill a hole 4 ins.square, 12 ins.deep in salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for cor.of secs. 1,2, 11, and 12, marked

T 1 N S 1 on NE.

R 17 W S 12 on S E.

S 11 on SW, and

S 2 on NW.face; with 1 notch on E. and 5 notches on S'edge.

Land, level salt bed.

No timber.

I sight a flag set at the cor.of secs.1,2,11, and 12, and run

East on a random line bet.secs.1 and 12

40.00 Set temp.¼ sec.cor.

79.98 Intersect Guide Meridian at the cor.of secs.1,6,7, and 12 heretofore described. Thence I run

West on a true line bet.secs.1 and 12,

Over level salt bed.

SUBDIVISION OF T. 1 N., R 17 W

Chains.

39.99 Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor., marked ¼ S 1 on N.face; and 12 on S.face.

79.98 The cor.of secs.1,2,11, and 12.

Land, level salt bed.

No timber.

I sight a flag set at the cor.of secs.1,2,35 and 36 on N.bdy.of the Tp., and run

N.0°07'W.on a random line bet.secs.1 and 2,

80.02 Intersect N.bdy.of Tp. at the cor.of secs.1,2,35, and 36 heretofore described. Thence I run

S.0°07'E.on true line bet.secs.1 and 2,

Over level salt bed.

40.02 Drill a hole 4 ins.square, 12 ins.deep, in the salt bed in which I set a pine stake 2 ft.long, 2 ins.square 12 ins.deep, with quart of glass, for ¼ sec.cor. marked

¼ S 2 on W.face; and 1 on E.face.

80.02 The cor.of secs.1,2,11, and 12.

Land, level salt bed.

No timber. Sept.25, 1907.

Sept.26: At 7 h.22m.a.m.l.m.t.I set off 40° 46' on the lat.arc; 0 °54' S. on the decl.arc; and determine a meridian with the solar at the St.. cor.of secs,34, and 35 on S.bdy.of the Tp., heretofore described. Thence I run

N.0° 02'W.bet.secs.34 and 35,

Over level salt bed.

SUBDIVISION OF T. 1 N., R. 17 W.

Chains.	
40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor., mkd. ¼ S 34 on W.face; and 35 on E.face.
80.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for cor.of secs.26 27,34, and 35, marked T 1 N S 26 on NE. R 17 W S 35 on S E. S 34 on SW., and S 27 on NW .face; with 2 notches on E. and 1 notch on S.edge.
	Land, level salt bed.
	No timber.

I sight a flag set at the cor.of secs.25,26,35, and 36, and run

N.89° 52'E.on a random line bet.secs.26 and 35,

40.00	Set temp.¼ sec.cor.
80.02	Intersect N. and S.line at the cor.of secs.25,26,35, and 36. Thence I run S.89° 52'W.on true line bet.secs.26 and 35,
	Over level land.
40.01	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor. marked ¼ S 26 on N.face; and 35 on S.face.
80.02	The cor.of secs.26,27,34, and 35.
	Land, level salt bed.
	No timber.

N.0°02'W.bet.secs.26 and 27,

SUBDIVISION OF T. 1 N., R. 17 W.

Chains.	
	Over level salt bed.
40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor., marked ¼ S 27 on W.face, and 26 on E.face.
80.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for cor.of secs.22, 23,26, and 27, marked T 1 S S23 on NE. R 17 W S 26 on SE. S 27 on SW., and S 22 on NW.face; with 2 notches on S. and E.edges.
	Land, level salt bed.
	No timber.
	I sight a flag set at the cor.of secs.23,24,25, and 26, and run N.89° 52'E.on random line bet.secs.23 and 26
40.00	Set temp.¼ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.23,24,25, and 26. Thence I run S.89° 52'W.on true line bet.secs.23 and 26,
	Over level land.
40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass for ¼ sec.cor., marked ¼ S 23 on N.face; and 26 on S.face.
80.00	The cor.of secs.22,23,26, and 27.
	Land, level salt bed.
	No timber.

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Chains	
	N.0°02'W.bet.secs.22 and 23,
	Over level salt bed.
40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor., marked ¼ S 22 on W.face; and 23 on E.face.
80.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for cor.of secs. 14 15,22, and 23, marked T 1 N S 14 on NE. R 17 W S 23 on SE. S 22 on SW., and S 15 on NW.face; with 3 notches on S. and 2 notches on E.edge.
	Land, level salt bed.
	No timber.

I sight a flag set at the cor.of secs.13,14,23, and 24, and run

East on a random line bet.secs. 14 and 23,

40.00	Set temp.¼ sec.cor.
80.01	Intersect N. and S. line at the cor.of secs.13,14,23, and 24.aThence I run

West on a true line bet.secs.14 and 23,

	Over level salt bed.
40.00½	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor. marked ¼ S 14 on N.face; and 23 on S.face.
80.01	The cor.of secs.14,15,22, and 23,
	Land, level salt bed.

Chains. No timber.

Sept.26: At this cor.I set off 1° 0' S.on the decl.arc and at 11h.52m. a.m. l.m.t.observe the sun on the meridian; the resulting lat.is 40° 49'

N.0°02'W.bet.secs.14 and 15,

Over level salt bed.

40.00 Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor.; marked

¼ S 15 on W.face; and 14 on E.face.

80.00 Drill a hole 4 ins.square, 12 ins.deep in the salt bed in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep,ewith quart of glass, for cor.of secs.10, 11,14, and 15, marked

T 1 S S 11 on NE.

R 17 W S 14 on SE.

S 15 on SW., and

S 10 on NW.face. with 2 notches on E. and 4 notches on S.edge.

Land, level salt bed.

No timber.

I sight a flag set at the cor.of secs.11,12,13, and 14, and run

East on a random line bet.secs.11 and 14,

40.00 Set temp.¼ sec.cor.

80.02 Intersect N. and S.line at the cor.of secs.11,12,13, and 14. Thence I run

West on a true line bet.secs.11 and 14,

Over level salt bed.

40.01 Drill a hole 4 ins.square, 12 ins.deep in the salt bed

Chains. in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor., mk ¼ S 11 on N.face; and 14 on S.face.

80.02 The cor.of secs.10,11,14, and 15.

Land, level salt bed.

No timber.

N.0°02'W.bet.secs.10 and 11,

Over level salt bed.

40.00 Drill a hole 4 ins.square, 12 ins.deep, in salt bed, in w hich I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor., marked ¼ S 10 on W.face; and 11 on E.face.

80.00 Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for cor.of secs.2,3 10, and 11, marked

T 1 N S 2 on NE.

R 17 W S 11 on SE.

S 10 on SW., and

S 3 on NW.face; with 2 notches on E. and 5 notche on S.edge.

Land, level salt bed.

No timber.

I sight a flag set at the cor.of secs. 1,2,11, and 12, and run

S.89° 58'E.on a random line bet.secs.2 and 11,

40.00 Set temp.¼ sec.cor.

80.00 Intersect N. and S.line at the cor.of secs.1,2,11, and 12. Thence I run

N.89° 58'W.on true line bet.secs.2 and 11

Over level salt bed.

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Chains.	
40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor.,mkd. ¼ S 2 on N.face; and 11 on S.face.
80.00	The cor.of secs.2,3,10, and 11.
	Land, level salt bed.
	No timber.

I sight a flag set at the cor.of secs.2,3,34, and 35 and run

N.0°08'W.on random line bet.secs.2 and 3,

40.00	Set temp.¼ sec.cor.
80.04	Intersect N.bdy.of Tp.at the cor.of secs.2,3,34, and 35 heretofore described. Thence I run

S.0°08'E.on true line bet.secs.2 and 3,

	Over level salt bed.
40.04	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of charcoal, for ¼ sec.cor. marked

¼ S 3 on W.face; and 2 on E.face.

80.04	The cor.of secs.2,3,10, and 11.
	Land, level salt bed.
	No timber.

Sept.26, 1907.

Sept.26; At the standard cor.of secs.33 and 34 on S. bdy.of Tp., set by myself and heretofore described, latitude 40°46'04 N.; long.113°47' " W., I set off 40°46'on the lat.arc; 1°02' S..on the decl.arc; and at 4 h.52m.p.m.l.m.t.determine a meridian with the solar and mark a point thereof, on a stone firmly set in the ground 5 chs.N.of the cor.

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At 4 h.13m.p.m.l.m.t.I observe Polaris at eastern elongation, in accordance with Manual of Instructions, and mark a point in the line thus determined, on a peg driven in the ground 5 chs.N.of my station.

Sept.26,1907.

Sept.27:: At 7 a.m.l.m.t.I lay off the azimuth of Polaris 1° 34' to the west, and mark the meridian thus determined by cutting a small groove in the stone set Sept.26. on which the meridian falls 0.3 ins.east of the mark determined by the solar.

At 7 h.35m.a.m.l.m.t.I set off 40°40' on the lat.arc; 1° 17' S. on the decl.arc; and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs.N.of my station; this mark falls 0.3 ins.east of the meridian established by the Polaris observation.

The solar apparatus by p.m.and a.m.observations defines positions for meridians respectively about 0'16" W. and 0'16" E. of the meridian established by the Polaris observations; therefore, I conclude that the adjustments of the instrument aresatisfactory.

The magnetic bearing of the true meridian at 8h.0m.a.m. is N.17° 29' W. the angle thus determined gives the mag.decl. 17° 29' E.

From the standard cor.already descri.ed I run

N.0°02'W.bet.secs.33 and 34,

Over level salt land.

40.00 Drill a hole 4 ins.square, 12 ins.deep, in the salt bed in which I set a pine stake 2 ft long, 2 ins.square, 12 ins.deep, with quart of glass for ¼ sec.cor., mkd. ¼ S 33 on W.face; and 34 on E.face.

80.00 Drill a hole 4 ins.square, 12 ins.deep, in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square 12 ins.deep, with quart of glass, for cor.of secs.27,

Chains.	
	28,33, and 34, marked T 1 N S 27 on NE. R 17 W S 34 on SE. S 33 on SW., and S 28 on NW.face, with 1 notch on S. and 3 notches on E.edge. Land, level salt bed. No timber.
	I sight a flag set at the cor.of secs.26,27,34, and 35 and run S.89° 58'E.on random line bet.secs.27 and 34.
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.26,27,34, and 35. Thence I run N.89° 58'W.on true line bet.secs.27 and 34, Over level salt land.
40.00	Drill a hole 4 ins.square, 12 ins.in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor.,marked $\frac{1}{4}$ S 27 on N.face; and 34 on S.face.
80.00	The cor.of secs.27,28,33, and 34. Land, level salt bed. No timber.
	N.0°02'W.bet.secs.27 and 28, Over level salt bed.
40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, with quart of glass, 12 ins.deep, for $\frac{1}{4}$ sec.cor. marked $\frac{1}{4}$ S 28 on W.face; and 27 on E.face.
80.00	Drill a hole 4 ins.square, 12 ins.deep in salt bed, in

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Chains.	
	which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart or glass, for cor.of secs. 21,22, 27 and 28, marked T 1 N S 22 on NE. R 17 W S 27 on SE. S 28 on SW., and S 21 on NW.face; with 3 notches on E. and 2 notches on S.edge.
	Land, level salt bed.
	No timber.
	I sight a flag set at the cor.of secs.22,23,26, and 27, and run
	S.89° 57'E.on a random line bet.secs.22 and 27,
40.00	Set temp.¼ sec.cor.
80.02	Intersect N. and S.line at the cor.of secs.22,23,26, and 27. Thence I run
	N.89° 57'W.on true line bet.secs.22 and 27,
	Over level salt land.
40.01	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor.,mkd. ¼ S 22 on N.face; and 27 on S.face.
80.02	The cor.of secs.21,22,27, and 28,
	Land, level salt bed.
	No timber.
	N.0°02'W.bet.secs.21 and 22,
	Over level salt bed.
40.00	Drill a hole 4 ins.square, 12 ins.deep, in salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor.; mkd. ¼ S 21 on W.face; and 22 on E.face.

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Chains.

80.00 Drill a hole 4 ins.square, 12 ins.in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for cor.of secs.15,16, 21, and 22, marked

T 1 N S 15 on NE.,

R 17 W S 22 on SE.,

S 21 on SW .. and

S 16 on NW.face, with 3 notches on S. and E.edges.

Land, level salt bed.

No timber.

I sight a flag set at the cor.of secs.14,15, 22, and 23 and run

S.89° 58'E.on random line bet.secs.15 and 22,

40.00 Set temp.$\frac{1}{4}$ sec.cor.

80.00 Intersect N. and S.line at the cor.of secs,14,15,22, and 23. Thence I run

N.89° 58'W.on true line bet.secs.15 and 22,

Over level salt land.

40.00 Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor., marked

$\frac{1}{4}$ S 15 on N.face; and 22 on S.face.

80.00 The cor.of secs.15,16,21, and 22.

Land, level salt bed.

No timber.

N.0°02'W.bet.secs.15 and 16,

Over level salt bed.

40. 00 Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor.,mkd.

Chains.	
	¼ S 16 on W.face; and 15 on E.face.
80.00	Drill a hole 4 ins.square, 12 ins.deep, in the salt bed in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for cor.of secs.9, 10,15, and 16, marked.
	T 1 N S 10 on NE.
	R 17 W S 15 on SE.
	S 16 on SW. and
	S 9 on NW.face; with 3 notches on E. and 4 notches on S.edge.
	Land, level salt bed.
	No timber.
	I sight a flag set at the cor.of secs.10,11,14, and 15, and run
	S.89° 58'E.on random line bet.secs.10 and 15,
40.00	Set temp.¼ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.10,11,14 an 15. Thence I run
	N.89° 58'W.on true line bet.secs.10 and 15,
	Over level salt bed.
40.00	Drill a hole 4 ins.square, 12 ins.deep, in the salt be in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor., mkd.
	¼ S 10 on N.face; and 15 on S.face.
80.00	The cor.of secs.9,10,15, and 16.
	Land, level salt bed.
	No timber.
	Sept.27: At this cor.I set off 1°23' E.on the decl. arc: and at 11h.51m. a.m. l.m.t.observe the sun on the meridian; the resulting lat.is 40° 00'

N.0°02'W.bet.secs.9 and 10,

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Chains.	
	Over level salt bed.
40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square 12 ins.deep, with quart of glass, for ¼ sec.cor.mkd ¼ S 9 on W.face; and 10 on E.face.
80.00	Drill a hole, 4 ins.square, 12 ins.deep, in the salt bed, in which I set a pine stake 2 ft.long, 2 ins. square, 12 ins.deep, with quart of glass, for cor.of secs.3,4,9, and 10, marked T 1 N S 3 on NE. R 17 W S 10 on SE. S 9 on SW.; and S 4 on NW .face; with 3 notches on E. and 5 notches on S.edge.
	Land, level salt bed.
	No timber.
	I sight a flag set at the cor.of secs.2,3,10, and 11 and run East on a random line bet.secs.3 and 10,
40.00	Set temp.¼ sec.cor.
80.02	Intersect N. and S.line at the cor.of secs.2,3,10, and 11; thence I run West on a true line bet.secs.3 and 10,
	Over level salt bed.
40.01	Drill a hole 4 ins.square, 12 ins.in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor.,mkd. ¼ S 3 on N.face; and 10 on S.face.
80.02	The cor.of secs.3,4,9, and 10.
	Land, level salt bed.
	No timber.

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Chains. I sight a flag set at the cor.of secs.3,4,33, and 34, and run

N.0°05'W.on random line bet.secs.3 and 4,

40.00 Set temp.¼ sec.cor.

80.00 Intersect N.bdy.of Tp.at the cor.of secs.3,4,33, and 34, Heretofore described. Thence I run over level lan

S.0°05'E.bet.secs.3 and 4,

30.00 Enter salt land.

40.00 Drill a hole, 4 ins.square, 12 ins.deep, in the salt bed, in which I set a pine stake 2 ft.long, 2 ins. square, 12 ins.in the salt, with quart of glass, for ¼ sec.cor. marked

¼ S 4 on W.face, and 3 on E.face.

80.00 The cor.of secs.3,4,9, and 10.

Land, level.

Soil, alkaline 4th rate; and salt.

No timber. Sept.27, 1907.

Sept.28: At 7 h. 21 m.a.m.l.m.t.I set off 40° 46' on the lat.arc;1° 41'S.on decl.arc; and determine a meridian with the solar at the standard cor.of secs.32 and 33 on S.bdy.of Tp.,heretofore described.

Thence I run

N.0°03'W.bet.secs.32 and 33,

Over level salt bed.

40.00 Drill a hole, 4 ins.square, 12 ins.deep, in the salt in which I set a pine stake 2 ft.long, 2 ins.square 12 ins.deep, with quart of charcoal for ¼ sec.cor. mkd. ¼ S 32 on W.face; and 33 on E.face.

80.00 Drill a hole 4 ins.square, 12 ins.in the salt in which I set a pine stake 2 ft.long, 2ins.sq.12 ins.deep, with quart of charcoal for cor.of secs.28,29,32, and 33, marked T 1 N S 28 on NE.
R 17 W S 33 on SE.
S 32 on SW., and
S 29 on NW.face, with 1 notch on S. and

Chains.	4 notches on E.edge. Land, level. salt bed. No timber.
	I sight a flag set at the cor.of secs.27,28,33, and 34 and run S.89° 58'E.on random line bet.secs.28 and 33,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.04	Intersect N. and S.line at the cor.of secs.27,28,33, and 34. Thence I run N.89° 58'W.on true line bet.secs.28 and 33, Over level salt bed.
40.02	Drill a hole, 4 ins.square, 12 ins.in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of charcoal, for $\frac{1}{4}$ sec.cor.mkd. $\frac{1}{4}$ S 28 on N.face; and 33 on S.face.
80.04	The cor.of secs.28,29,32, and 33. Land, level salt bed. No timber.
	N.0°03'W.bet.secs.28 and 29, Over level salt bed.
40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft. long, 2 ins.square, 12 ins.deep, with quart of glass, for $\frac{1}{4}$ sec.cor.; mmked $\frac{1}{4}$ S 29 on W.face; and 28 on E.face.
80.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed in which I set a pine stake 2 ft.long, 2 ins.square 12 ins.deep, with quart of glass, for cor.of secs.20, 21,28, and 29, marked T 1 N S 21 on NE. R 17 W S 28 on SE.

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Chains. S 29 on SW., and

S 20 on NW.face; with 4 notches on E. and 2 notche on S.edge.

Land, level salt bed.

No timber.

I sight a flag set at the cor.of secs.21,22,27, and 28 and run

S.89° 58'E.on a random line bet.secs.21 and 28,

40.00 Set temp.$\frac{1}{4}$ sec.cor.

80.00 Intersect N. and S.line at the cor.of secs.21,22,27, and 28, Thence I run

N.89° 58'W.on true line bet.secs.21 and 28,

Over level salt bed.

40.00 Drill a hole 4 ins.square, 12 ins. deep in the salt bed in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of charcoal for $\frac{1}{4}$ sec.cor.; marked

$\frac{1}{4}$ S 21 on N.face; and 28 on S.face.

80.00 The cor.of secs.20,21,28, and 29.

Land, level salt bed.

No timber.

N.0°03'W.bet.secs.20 and 21,

Over level salt bed.

40.00 Drill a hole 4 ins.square,12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of charcoal, for $\frac{1}{4}$ sec.cor. marked

$\frac{1}{4}$ S 20 on W.face; and 21 on E.face.

80.00 Drill a hole 4 ins.square, 12 ins.deep in the salt bed in which I set a pine stake 2 ft.long, 2 ins.square,

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Chains.	
	12 ins.deep, with quart of glass; for cor.of secs.16 17,20, and 21, marked T 1 N S 16 on NE. R 17 W S 21 on SE. S 20 on SW., and S 17 on NW.face; with 4 notdhes on E. and 3 notches on S.edge. Land, level salt bed. No timber.
	I sight a flag set at the cor.of secs.15,16,21, and 22, and run East on a random line bet.secs.16 and 21,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
79.98	Intersect N.and S.line at the cor.of secs.15,16,21, and 22. Thence I run West on a true line bet.secs.16 and 21, Over level salt bed.
39.99	Drill a hole, 4 ins.square, 12 ins.deep, in the salt bed, in which I set a pine stake 2 ft.long, 2 ins. square, with quart of glass, 12 ins.deep, for $\frac{1}{4}$ sec. sec.cor. ; marked $\frac{1}{4}$ S 16 on N.face; and 21 on S.face.
79.98	The cor.of secs.16,17,20, and 21. Land, level salt bed. No timber.
	Sept.28:At this cor.I set Sun 1 °47'S..on the decl.arc and at 11h.5lm.a.m. l.m.t.observe the sun on the meridian; the resulting lat.is 40° 49'

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Chains.

N.0°03'W.bet.secs.16 and 17,

Over level salt bed.

40.00 Drill a hole 4 ins.square, 12 ins.deep in the salt bed in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor., marked

¼ S 17 on W.face; and 16 on E.face.

80.00 Drill a hole, 4 ins.square, 12 ins.deep in the salt be in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass for cor.of secs.8, 9,16, and 17, marked

T.1 N S 9 on NE.

R 17 W S 16 on SE.

S 17 on SW., and

S 8 on NW.face; with 4 notches on S. and E.edges.

Land, level salt bed.

No timber.

I sight a flag set at the cor.of secs.9,10,15, and 16 and run

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

40.00 Set temp.¼ sec.cor.

80.01 Intersect N. and S.line at the cor.of secs.9,10,15, an 16. Thence I run

N.89° 57'W.on true line bet.secs.9 and 16,

Over level salt bed.

40000½ Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of charcoal for ¼ sec.cor. marked

¼ S 9 on N.face; and 16 on S.face.

80.01 The cor.of secs.8,9,16, and 17.

Land, level salt bed.

No timber.

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Chains.	
	N.0°3'W.bet.secs.8 and 9,
	Over level alkali land.
40.00	Deposit a quart of charcoal, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 8 on W.face; and 9 on E.face.
80.00	Deposit a quart of charcoal, 12 ins.in the ground, for cor.of secs.4,5,8, and 9; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked T 1 N S 4 on NE; [illegible] R 17 W S 9 on SE., S 8 on SW., and S 5 on NW.face; with 4 notches on E.and 5 notches on S.edge.
	Land, level. [illegible]
	Soil, alkaline; 3d rate.
	No timber.

	I sight a flag set at the cor.of secs.3,4,9, and 10, and run S.89° 58'E.on a random line bet.secs.4 and 9
40.00	Set temp.¼ sec.cor.
80.02	Intersect N. and S.line at the cor.of secs.3,4,9, and 10. Thence I run N.89° 58'W.on true line bet.secs.4 and 9,
	Over level salt bed.
39.97	Leave salt; enter alkali land.
40.01	Deposit a quart of charcoal, 12 ins.in the ground, for

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Chains ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor. 4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 4 on N.face; and 9 on S.face.

80.02 The cor.of secs.4,5,8, and 9.

Land, level.

Soil, alkaline; 3d rate.; and salt.

No timber.

I sight a flag set at the cor.of secs.4,5,32, and 33 and run

N.0°02'W.on random line bet.secs.4 and 5.

40.00 Set temp.¼ sec.cor.

80.02 Intersect N.bdy.of Tp.at the cor.of secs.4,5,32, and 33, heretofore described. Thence I run

S.0°02'E.bet.secs.4 and 5,

Over level alkali land.

40.02 Deposit a quart of charcoal, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor. 4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼S 5 on W.face; and 4 on E.face.

80.02 The cor.of secs.4,5,8, and 9.

Land, level.

Soil, alkaline; 3d rate.

No timber.

Sept.28, 1907.

SUBDIVISION OF T. 1 N., R. 17 W.

Chains	
	Sept.30: At 9 h.20m.a.m.l.m.t.I set off 40° 46'on lat.arc; 2°27' S.on decl.arc; and determine a meridian with the solar at the standard cor.of secs.31 and 32, on S.bdy.of Tp.. heretofore described.
	Thence I run
	N.0°04'W.bet.secs.31 and 32,
	Over level salt bed.
40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square 12 ins.deep, with quart of charcoal for ¼ sec.cor. marked
	¼ S 31 on W.face, and 32 on E.face.
80.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of charcoal, for cor.of secs. 29,30,31, and 32, marked
	T 1 N S 29 on NE.
	R 17 W S 32 on SE.
	S 31 on SW ., and
	S 30 on NW.face: with 1 notch on S. and 5 notches on E.edge.
	Land, level salt bed.
	No timber.
	I sight a flag set at the cor.of secs.28,29,32, and 33 and run
	S.89° 59'E.on random line bet.secs.29 and 32,
40.00	Set temp.¼ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.28,29,32, and 33. Thence I run
	N.89° 59'W.on true line bet.secs.29 and 32,
	Over level salt bed.
40.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed,

Chains. in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quartof charcoal, for ¼ sec.cor. marked,

¼S 29 on N.face; and 32 on S.face.

80.00 The cor.of secs.29.30,31, and 32 .

Land, level salt bed.

No timber.

I sight a flag set at the cor.of secs.25,30,31, and 36 on W.bdy.of Tp., and run

N.89° 57'W.on random line bet.secs.30 and 31,

40.00 Set temp.¼ sec.cor..

79.98 Intersect W.bdy.of Tp. at the cor.of secs.25,30.31, and 36, heretofore described. Thence I run

S.89° 57'E.on true line bet.secs.30 and 31,

Over level salt bed.

39.98 Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of charcoal, for ¼ sec.cor. marked

¼ S 30 on N.face; and 31 on S.face.

79.98 The cor.of secs.29,30,31, and 32.

Land, level salt bed.

No timber.

N.0°04'W.bet.secs.29 and 30,

Over level salt bed.

40.00 Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of charcoal, for ¼ sec.cor., marked

¼ S 30 on W.face; and 29 on E.face.

SUBDIVISION OF T. 1 N., R. 17 W.

Chains.	
80.00	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of charcoal for cor.of secs. 19,20,29, and 30, marked T 1 N S 20 on NE. R 17 W S 29 on SE. S 30 on S W ., and S 19 on NW.face; with 5 notches on E. and 2 notches on S.edge. Land, level salt bed. No timber.
	I sight a flag set at the cor.of secs.20,21,28, and 29 and run East on a random line bet.secs.20 and 29,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
79.96	Intersect N. and S .line at the cor.of secs.20,21,28, and 29. Thence I run West on a true line bet.secs.20 and 29, Over level salt bed.
39.98	Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of charcoal for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 20 on N.face; and 29 on S.face.
79.96	The cor.of secs.19,20,29, and 30. Land, level salt bed. No timber.
	I sight a flag set at the cor.of secs.19,24,25 and 30, on W.bdy.of Tp., and run N.89° 56'W.on random line bet.secs.19 and 30,
40.00	Set temp.$\frac{1}{4}$ sec.cor.

Chains

80.00 Intersect W.bdy.of Tp.at the cor.of secs.19,24,25, and 30, heretofore described. Thence I run

S.89° 56'E.on true line bet.secs.19 and 30,

Over level salt bed.

40.00 Drill a hole 4 ins.square, 12 ins.deep in the salt bed in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of charcoal, for ¼ sec.cor., marked

¼ S 19 on N.face; and 30 on S.face.

80.00 The cor.of secs.19,20,29, and 30.

Land, level salt bed.

No timber.

N.0°04'W.bet.secs.19 and 20,

Over level salt bed.

40.00 Drill a hole 4 ins.square, 12 ins.deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of charcoal, for ¼ sec.cor., marked

¼ S 19 on W.face; and 2 0 on E.face.

80.00 Drill a hole 4 ins.square, 12 ins.deep, in the salt bed in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for cor.of secs.17, 18,19, and 20, marked

T 1 N S 17 on NE.

R 17 W S 20 on SE.

S 19 on SW., and

S 18 on NW.face; with 3 notches on S. and 5 notche on E.edge.

Land, level salt bed.

No timber.

) W (17 W.

Chains. I sight a flag set at the cor.of secs.16,17,20 and 21, and run

S.89° 58'E.on a random line bet.secs.17 and 20,

40.00 Set temp.¼ sec.cor.

80.02 Intersect N. and S.line at the cor.of secs.16,17,20, an 21. Thence I run

N.89° 58'W.on true line bet.secs.17 and 20,

Over level salt bed.

40.01 Drill a hole 4 ins.square, 12 ins. deep in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with quart of glass, for ¼ sec.cor. , marked

¼ S 17 on N.face; and 20 on S.face.

80.02 The cor.of secs.17,18,19, and 20.

Land, level salt bed.

No timber.

I sight a flag set at the cor.of secs.13,18,19, and 24 on W.bdy.of Tp., and run

N.89° 58'W.on random line bet.secs.18, and 19,

40.00 Set temp.¼ sec.cor.

80.04 Intersect W.bdy.of Tp.at the cor.of secs.13,18,19, and 24, heretofore described. Thence I run

S.89° 58'E.on true line bet.secs.18 and 19,

Over level alkali land.

32.04 Leave alkali; enter salt land. thin crust.

40.04 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E' and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 18 on N.face; and 19 on S.face.

SUBDIVISION OF T. 1 N., R. 17 W.

Chains.	
440.05	Salt increases in depth.
80.04	The cor.of secs.17,18,19, and 20.
	Land, level.
	Soil, alkaline;3d rate. and salt bed.
	No timber.
	Sept.30: At this cor.I set off 2°33' S.on decl.arc and at 11 h. 50m, a.m. l.m.t.observe the sun on the meridian the resulting lat.is 40° 49'
	North bet.secs.17 and 18,
	Over level salt.land.
30.00	Salt becomes thinner, about ½ in.in depth.
36.86	Leave salt; enter alkali.land.
40.00	Deposit a quart of charcoal 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 18 on W.face; and 17 on E.face.
80.00	Deposit a quart of charcoal, 12 ins.in the ground, for cor.of secs.7,8,17, and 18, dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In S E.pit drive a pine stake 2 ft.long , 2 ins.square, 12 ins.in the ground, marked
	T 1 N S 8 on NE.
	R 17 W S 17 on SE.
	S 18 on SW., and
	S 7 on NW.face; with 5 notches on E. and 4 notches on S.edge.
	Land, level.
	Soil, alkaline; 3d rate., and salt

SUBDIVISION OF T. 1 N., R.17 W.

Chains.	
	No timber.
	I sight a flag set at the cor.of secs.8,9,16, and 17, and run
	S.89° 58'E.on a random line bet.secs.8 and 17,
40. 00	Set temp.¼ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.8,9,16, and 17. Thence I run
	N.89° 58'W.on true line bet.secs.8 and 17,
	Over level salt bed.
40.00	Deposit a quart of charcoal 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 inE..and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 8 on N.face; and 17 on S.face.
42.00	Leave salt; enter alkali land.
80. 00	The cor.of secs.7,8,17, and 18.
	Land, level;
	Soil, alkaline,3d rate, and salt bed.
	No timber.
	I sight a flag set at the cor.of secs.7,12,13, and 18 on W.bdy.of Tp., and run
	N.89° 58'W.on random line bet.secs.7 and 18,
40.00	Set temp.¼ sec.cor.
79.98	Intersect W.bdy.of Tp.at the cor.of secs.7,12,.13, and 18, Thence I run
	S'89° 58'E.on true line bet.secs.7 and 18,
	Over level land.
39.98	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W .of cor.4

SUBDIVISION OF T. 1 N., R. 17 W.

Chains. ft.dist.; and raise a mound of earth 3½ ft.base, 1½ f
ft.high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square,
12 ins.in the ground, marked
¼ S 7 on N.face; and 18 on S.face.

79.98 the cor.of secs.7,8,17, and 18.

Land level.
Soil, alkaline;3d rate.
No timber.

North bet.secs.7 and 8,

Over level land.

40.00 Deposit a quart of charcoal, 12 ins.in the ground, for
¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4
ft.dist.; and raise a mound of earth 3½ ft.base, 1½ f
ft.high over deposit.

In S pit drive a pine stake 2 ft.long, 2 ins.square, 12
ins.in the ground, marked
¼ S 7 on W.face; and 8 on E.face.

80.00 Deposit a quart of charcoal 12 ins.in the ground, for
cor.of secs.5,6,7, and 8; dig pits 18x18x12 ins.in
each sec.4 ft.dist.; and raise a mound of earth 4 ft.
base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square,
12 ins.in the ground, marked
T 1 N S 5 on NE.
R 17 W S 8 on SE.,
S 7 on SW., and
S 6 on NW.face., with 5 notches on S.and E.edges

Land, level.

Soil alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs.4,5,8, and 9,

SUBDIVISION OF T. 1 N., R. 17 W.

Chains. and run

S.89° 58 'E.on random line bet.secs.5 and 8,

40.00 Set temp.¼ sec.cor.

80.02 Intersect N. and S.line at the cor.of secs.4,5,8, and 9. Thence I run

N.89° 58'W.on true line bet.secs.5 and 8,

Over level land.

40.01 Deposit a quart of charcoal 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 5 on N.face; and 8 on S.face.

80.02 The cor.of secs.5,6,7, and 8.

Land, level.

Soil, alkaline 3d rate.

No timber.

I sight a flag set at the cor.of secs.1,6,7, and 12 on W.bdy.of Tp, and run

N.89° 57'W.on random line bet.secs.6 and 7,

40.00 Set temp.¼ sec.cor.

80.00 Intersect W.bdy.of Tp.at the cor.of secs.1,6,7, and 12 heretofore described. Thence I run

S.89° 57'E.on true line bet.secs.6 and 7,

Over level land.

40.00 Deposit a quart of charcoal, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 6 on N.face; 7 on S.face.

SUBDIVISION OF T. 1 N., R. 17 W.

Chains.
80.00 The cor.of secs.5,6,7, and 8.

Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs.5,6,31, and 32 on N.bdy.of Tp., and run

N.0°10'W.on random line bet.secs.5 and 6,

40.00 Set temp.¼ sec.cor.

79.98 Intersect N.bdy.of Tp.at the cor.of secs.5,6,31, and 32 heretofore described. Thence I run

S.0°10'E.on true line bet.secs.5 and 6,

Over level land.

39.98 Deposit a quart of charcoal, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 6 on W.face; and 5 on E.face.

79.98 The cor.of secs.5,6,7, and 8.

Land, level.

Soil, alkaline; 3d rate.

No timber. Sept.30, 1907.

GENERAL DESCRIPTION.

This township is a vast level tract of alkali land, the greater portion of which is covered with salt of sufficient depth to be of commercial value. Just what the depth is I cannot tell, but it ranges from 1 inch to to 1 foot and in many places has the appearance of being much thicker. This salt bed covers all but a por-

tion in the northwestern corner, embracing in whole or in part the following secs.:- 3, 4, 5, 6, 7, 8, 9, 17, 18 and 19.

The township is destitute of vegetation, except a scattering growth of salt weed in sec.6

Many dead birds and some carcasses of wild animals were scattered over the township.

There is no mineral other than salt; no springs, and no settlers on the townships.

Alonzo J. Stookey

U.S. Deputy Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

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

_____

showing the respective capacities in which they acted:

For list of names and final affidavits of assistants see book _____, *Chainman.*

"Z4" T. 1 N., R. 16 W. _____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

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

_____

_____

_____ of the _____

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

_____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

_____

Subscribed and sworn to before me this _____ day of _____, 190 }

_____

SEAL

_____

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BOOK A-345

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date of the _____ day of _____, 190 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____ For final affidavit see book "Z[4]" T. 1 N., R. 16 W. _____ of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

_____

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me this _____ day of _____, 190

_____

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, May 8, , 190

The foregoing field notes of the survey of the Subdivisional lines of Township No.1 North, Range No.17 West of the Salt Lake Base and Meridian, Utah, _____ executed by Alonzo J.Stookey under his contract No. 296, dated March 21, 1907, having bee critically examined, and the necessary corrections and explanations made, the said field notes, and th surveys they describe, are hereby approved.

Thomas Bull

United States Surveyor Genera

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

_____

United States Surveyor Genera

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PAGE

329 32

4—679.

BOOK A-345

Z^3

FIELD NOTES

OF THE SURVEY OF THE

EAST AND NORTH BOUNDARIES

OF

TOWNSHIP NO. 1 NORTH

RANGE NO. 16 WEST

Of the SALT LAKE BASE AND *Meridian,*

UTAH,

AS SURVEYED BY

Alonzo J. Stookey, *United States Deputy Surveyor,*

Under his Contract No. 296, *dated* March 31, *1907.*

Survey commenced October 1, *1907.*

Survey completed October 2, *1907.*

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[illegible] 6-00-00

[illegible] 5-79-65

BOOK A-345

NAMES AND DUTIES OF ASSISTANTS.

Ralph Gentry,	Chainman.
Asael Tanner,	Chainman,
Richard Orr,	Moundman.
Lionel J.Stookey,	Moundman.
Warren Eyman,	Flagman.

For preliminary affidavits see book "Q" T. 1 S., R. 18 W.

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BOOK A-345

INDEX DIAGRAM.

Township 1 North, *Range* 16 West

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

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 ....., 190

SEAL

.....

.....

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

.....

....., *Moundman*

....., *Moundman*

Subscribed and sworn to before me this .....
day of ....., 190

SEAL

.....

.....

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

.....

....., *Axman*

....., *Axman*

Subscribed and sworn to before me this .....
day of ....., 190

SEAL

.....

.....

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

....., *Flagma*

Subscribed and sworn to before me this .....
day of ....., 190

SEAL

.....

.....

EAST BOUNDARY OF T. 1 N., R. 16 W.

Chains. Survey commenced Oct. 1, 1907, and executed with the instrument described in book "A" of this survey.

I begin at the standard cor.of Tp.1 N., Rs.15 and 16 W. as established by myself and heretofore described.

At 7 h.20m.a.m.l.m.t.I set off 40° 46' on the lat.arc 2°50' S'on the decl.arc; and determine a meridian with the solar . Thence I run

North bet.secs.31 and 36

Over level alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.;dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 36 on W.face; and 31 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.25,30,31, and 36; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 30 on NE.

R 15 W.S 36 on SE.

R 16 W S 36 on SW., and

S 25 on NW.face; with 1 notch on S. and 5 notches on N.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

North bet.secs.25 and 30,

Over level land.

EAST BOUNDARY T. 1 N., R. 16 W.

Chains.

40.00 Deposit a quart of glass 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.;and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 25 on W.face; and 30 on E.face.

80.00 Deposit a quart of glass 12 ins.in the ground, for cor. of secs.19.24.25. and 30; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 19 on NE.

R 15 W S 30 on SE.

R 16 W S 25 on SW., and

S 24 on NW.face; with 2 notches on S. and 4 notches on N.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

North bet.secs.19 and 24,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 24 on W.face; and 19 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.13.18.19, and 24; dig pits 18x18x12 ins.N.

Chains.	
	in each sec. 4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long 2 ins.square, 12 ins.in the ground, marked
	T 1 N S 18 on NE.
	R 15 W S 19 on SE,
	R 16 W S 24 on SW., and
	S 13 on NW.face; with 3 notches on N. and S.edges.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	North bet.secs.13 and 18,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 13 on W.face; and 18 on E.face.
80.00	Deposit a quart of glass. 12 ins.in the ground, for cor.of secs.7,12,13, and 18; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	T 1 N S 7 on NE.
	R 15 W S 18 on SE.
	R 16 W S 13 on SW., and
	S 12 on NW.face; with 2 notches on N. and 4 notches on S.edges.
	Land, level.
	Soil, alkaline; 3d rate.

EAST BOUNDARY T. 1 N., R. 16 W.

Chains	
	No timber.
	North bet.secs.7 and 12,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 12 on W.face; and 7 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.1,6,7, and 12; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked T 1 N S 6 on NE. R 15 W S 7 on SE. R 16 W S 12 on SW., and S 1 on NW.face ; with 1 notch on N. and 5 notches on S.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	North bet.secs.1 and 6,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

EAST BOUNDARY T. 1 N., R. 16 W.

Chains. In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

$\frac{1}{4}$ S 1 on W.face; and 6 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of Tps.1 and 2 N., Rs.15 and 16 W.; dig pits 24x24x12 ins. on each line, N., S., E. and W.of cor.5 ft.dist. and raise a mound of earth 5 ft.base, $2\frac{1}{2}$ ft.high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 2 N S 31 on NE.

R 15 W S 6 on SE.

T 1 N S 1 on SW., and

R 16 W S 36 on NW.face, with 6 notches on each edge.

Land, level.

Soil, alkaline, 3d rate.

No timber.

Oct.1 1907: At this cor.I set off 2° 57' S.on decl. arc; and at 11h.50m.a.m., l.m.t.observe the sun on the meridian; the resulting lat.is 40° 51'N.

NORTH BOUNDARY T. 1 N., R. 16 W.

A flag set at the corner of Tps.1 and 2 N., Rs.16 and 17 W.being plainly visible, I run for said cor.

West on a random line along N.bdy.of Tp.; setting temp..$\frac{1}{4}$ sec.and sec.cors.at intervals of 40.00 chs.; and at 479.65 chs.intersect the Guide Meridian at the cor.of Tps.1 and 2 N., Rs.16 and 17 W., as established by myself and heretofore described.

Thence I run

East bet.secs.6 and 31,

Over level salt bed.

NORTH BOUNDARY T. 1 N., R. 16 W.

Chains.	
39.65	Drill a hole 4 ins.square, 12 ins.in the salt bed, in which I set a pine stake 2 ft.long, 2 ins.square, 12 ins.deep, with deposit of glass around it, for ¼ sec. cor., marked [illegible].
	[illegible] ¼ S 31 on N.face; and 6 on S.face. [illegible]
79.65	Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.5,6,31, and 32; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	T 2 N S 32 on NE.
	R 16 W S 5 on SE.
	T 1 N S 6 on SW., and
	S 31 on NW.face, with 5 notches on E. and 1 notch on W.edge.
	Leave salt about 1½ ins.thick, bears N.45° E. and S.45° W.; enter alkali land.
	Land level salt bed.
	No timber. Oct.1, 1907.
	Oct.2 : At 7h.20m.a.m.l.m.t.I set off 40° 51' on the lat.arc; 3°14' S.on decl.arc; and determine a meridian with the solar at the cor.of secs.5,6,31, and 32,
	Thence I run
	East bet.secs.5 and 32,
	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins. E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square,

NORTH BOUNDARY T. 1 N., R. 16 W.

Chains.

12 ins.in the ground, marked

$\frac{1}{4}$ S 32 on N.face; and 5 on S.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.4,5,32, and 33; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2ins.square, 12 ins.in the ground, marked

T 2 N S 33 on NE.

R 16 W.S 4 on SE.

T 1 N S 5 on SW., and

S 32 on NW.face; with 2 notches on W. and 4 notches on E.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

East bet.secs.4 and 33,

Over level alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

$\frac{1}{4}$ S 33 on N.face; and 4 on S.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.3,4,33, and 34; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1
T 2 N S 34 on NE.

NORTH BOUNDARY T. 1 N., R. 16 W.

Chains.	
	R 16 W S 3 on SE.
	T 1 N S 4 on S W., and
	S 33 on NW.face; with 3 notches on E. and W.edges.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	East bet.secs.3 and 34,
	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W .of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 34 on N.face; and 3 on S.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.2,3,34, and 35; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	T 2 N S 35 on NE,
	R 16 W S 2 on SE.
	T 1 N S 3 on SW., and
	S 34 on NW.face; with 2 notches on E. and 4 notches on W.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	East bet.secs.2 and 35
	Over level alkali land.

NORTH BOUNDARY T. 1 N., R. 16 W.

Chains.	
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 35 on N.face; and 2 on S.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.1,2,35, and 36; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.
	In S E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked T 2 N S 36 on NE. R 16 W S 1 on SE. T 1 N S 2 on SW., and S 35 on NW.face; with 1 notch on E. and 5 notches on W.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

East bet.secs.1 and 36,

	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 36 on N.face; and 1 on S.face.
80.00	The cor.of Tps.1 and 2 N., Rs.15 and 16 W.

NORTH BOUNDARY T. 1 N., R. 16 W.

Land, level.

Soil, alkaline; 3d rate.

No timber.

Oct.2: : At this cor.I set off 3°20' S.on decl.arc; and at 11h.50m. a.m.,l.m.t.observe the sun on the meridian; the resulting lat.is 40° 51'

For general description see notes of subdivision of this township.

BOUNDARIES OF T. 1 N., R. 16 W.

LATITUDES, DEPARTURES, AND CLOSING ERRORS.

Line Designated	True Bearing	Dist.	Latitudes, N.	Latitudes, S.	Departures. E.	Departures. W.
		chs.	chs.	chs.	chs.	chs.
North Boundary	East	479.65	.....	.....	479.65	.....
East Boundary	South	480.00	.....	480.00	.....	.....
South Boundary	West	480.00	.....	.....	.....	480.00
West Boundary	North	480.00	480.00	.....	.....	.....
Convergency,					.63	
	Totals		480.00	480.00	480.28	480.00
					480.00	
Error in departure,					.28	

Alonzo J. Stanley
U.S.Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Alonzo J.Stookey

---, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the E.and S. Bdys.T.1 S.R.16 W.; S.and W.Bdys.T.1 S.Rs.17and 18 W.;E.and N.Bdys.T.1 N.R.16 W.; and W.and N.Bdys.T.1 N.Rs.17 and 18 W.of the Salt Lake Base and Meridian, Utah,
showing the respective capacities in which they acted:

Ralph Gentry, *Chainman.*

Asael Tanner, *Chainman.*

Lionel J.Stookey, *Moundman.*

Richard Orr, *Moundman.*

---, *Axman.*

---, *Axman.*

Warren Eyman, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Alonzo J.Stookey

---, United States Deputy Surveyor, in surveying all those parts or portions of the E.and S.Bdys.T.1 S .R.16 W.; S.and W.Bdys.T. 1 S. Rs.17 and 18 W.; E. and N.Bdys.T. 1 N.R.16 W.; and W.and N.Bdys.T.1 N. Rs.17 and 18 W.

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

Asael Tanner, *Chainman.*

Ralph Gentry, *Chainman.*

Lionel J. Stookey, *Moundman.*

Richard Orr, *Moundman.*

---, *Axman.*

---, *Axman.*

Warren Eyman, *Flagman.*

Subscribed and sworn to before me this 7th day of October, 1907.

Alonzo J. Stookey
U.S.Deputy Surveyor.

SEAL

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Alonzo J.Stookey, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Thomas Hull United States Surveyor General for Utah, bearing date of the 21st day of March, 190 7, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the East and South Bdys.T.1 S.R. 16 W.; South and West Bdys.T.1 S., Rs.17 and 18 W.; East and North Bdys.T.1 N.R.16 W.; and West and North Bdys.T. 1 N., Rs. 17 and 18 West [illegible], Utah, of the Salt Lake Base and Meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Alonzo J. Stookey
United States Deputy Surveyor.

Subscribed by said Alonzo J.Stookey, and sworn to before me this 2d day of January, 190 8.

Thomas Hull
U.S.Surveyor-General
for Utah.

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, May 8, 190

The foregoing field notes of the survey of the East and North Boundaries of Township No. 1 North, Range No.16 West of the Salt Lake Base and Meridian, Utah,

executed by Alonzo J.Stookey under his contract No. 296, dated March 21, 190 7, having bee critically examined, and the necessary corrections and explanations made, the said field notes, and th surveys they describe, are hereby approved.

Thomas Hull
United States Surveyor General

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

United States Surveyor General

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BOOK A-345

Z.4

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION

OF

TOWNSHIP NO. 1 NORTH

RANGE NO. 16 WEST

Of the SALT LAKE BASE AND *Meridian,*

UTAH,

AS SURVEYED BY

Alonzo J. Stookey, *United States Deputy Surveyor,*

Under his Contract No. 296, *dated* March 21, *1907.*

Survey commenced October 3, *1907.*

Survey completed October 7, *1907.*

6—151

Lines 59-77-91

BOOK A-345

NAMES AND DUTIES OF ASSISTANTS.

Ralph Gentry,	Chainman.
Asael Tanner,	Chainman.
Richard Orr,	Moundman.
Lionel J.Stookey,	Moundman.
Warren Eyman,	Flagman.

For preliminary affidavits see book "F" Tp.10 S., R. 5 W.

BOOK A-345

INDEX DIAGRAM.

Township 1 North, *Range* 16 West

6 41 5 31 4 23 3 15 2 7 1 41 40 30 23 14 7					
7 39 8 29 9 22 10 14 11 6 12 39 38 29 21 13 6					
18 37 17 28 16 21 15 13 14 5 13 37 36 27 20 12 4					
19 35 20 27 21 19 22 11 23 3 24 35 34 26 19 10 3					
30 34 29 25 28 18 27 9 26 2 25 33 32 25 17 9 2					
31 31 32 24 33 16 34 8 35 1 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 th
chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; tha
we will report the true distances to all notable objects, and the true lengths of all lines that we assist i
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey
_____

_____, *Chainma*

_____, *Chainma*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

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

_____, *Moundma*

_____, *Moundma*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

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

_____, *Axma*

_____, *Axma*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

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

_____, *Flagma*

Subscribed and sworn to before me this _____
day of _____, 190

SEAL

SUBDIVISION OF T. 1 N., R. 16 W.

Chains. Survey commenced Oct.3, , 1907, and executed with the instrument described in book "A" of this survey.

At 7 h.19m. a.m.l.m.t.I set off 40° 46' on the lat.arc 5 °37' S.on the decl.arc; and determine a meridian with the solar at the standard cor.of secs.35 and 36 on S.bdy.of Tp., heretofore described.

Thence I run

N.0°01'W.bet.secs.35 and 36,

Over level alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 35 on W.face; and 36 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.25,26,35, and 36; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft. high over deposit.

In SE pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 25 on NE.

R 16 W S 36 on SE.

S 35 on SW., and

S 26 on NW.face; with 1 notch on S.and E.edges.

Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs.25,30,31, and 36 and run

S.89° 58'E.on random line bet.secs.25 and 36.

40.00 Set temp.¼ sec.cor.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.

80.08 Intersect E.bdy.of Tp.at the cor.of secs.25,30,31, and 36, heretofore described. Thence I run

N.89° 58'W.on true line bet.secs.25 and 36,

Over level alkali land.

40.04 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 25 on N.face; and 36 on S.face.

80.08 The cor.of secs.25,26,35, and 36.

Land, level.

Soil, alkaline; 3d rate.

No timber.

N.0°01'W.bet.secs.25 and 26,

Over level alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S .of cor.4 ft dist.; and raise a mound of earth 3½ ft.base, 1½ ft high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 26 on W.face; and 25 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.23,24,25 and 26; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 24 on NE.

R 16 W S 25 on SE.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.	
	S 26 on SW., and S 23 on NW.face; with 1 notch on E. and 2 notches on S.edge. Land, level. Soil, alkaline; 3d rate. No timber.
	I sight a flag set at the cor.of secs.19,24,25, and 30 and run S.89° 57'E.on random line bet.secs.24 and 25,
40.00	Set temp.¼ sec.cor.
80.15	Intersect E.bdy.of Tp.at the cor.of secs.19,24,25, and 30, heretofore described. Thence I run N.89°57'W.on true line bet.secs.24 and 25, Over level alkali land.
40.07½	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft high over deposit. In N.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 24 on N.face; and 25 on S.face.
80.15	The cor.of secs.23,24,25, and 26. Land, level. Soil, alkaline; 3 d rate. No timber.
	N.0°01'W.bet.secs.23 and 24, Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.

Chains.	
	high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 23 on W.face; and 24 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.13,14,23, and 24; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	T 1 N S 13 on NE.
	R 16 W S 24 on S E.
	S 23 on SW ., and
	S 14 on NW.face; with 1 notch on E. and 3 notches on S.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.13,18,19, and 24 and run
	S.89° 58'E.on random line bet.secs.13 and 24,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.20	Intersect E.bdy.of Tp.at the cor.of secs.13,18, 19 and 24, heretofore described. Thence I run
	N.89° 58'W.on true line bet.secs.13 and 24,
	Over level alkali land.
40.10	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W .of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 13 on N.face; and 24 on S.face.

Chains.

80.20 The cor.of secs.13,14,23, and 24.

Land, level.

Soil, alkaline; 3d rate.

No timber.

Oct.3: : At this cor.I set off 3°43' S.on decl.arc; and at 11h.49m.,a.m.,l.m.t.observe the sun on the meridian; the resulting lat.is 40° 49'

N.0°01'W.bet.secs.13 and 14,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 14 on W.face; and 13 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.11,12,13, and 14; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 12 on NE.

R 16 W S 13 on SE.

S 14 on SW., and

S 11 on NW.face; with 1 notch on E. and 4 notches on S.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs 7,12,13, and 18, on

SUBDIVISION OF T. 1 N., R. 16 W.

Chains. and run

S.89° 56'E.on random line bet.secs.12 and 13,

40.00 Set temp.¼ sec.cor.

80.16 Intersect E.bdy.of Tp.at the cor.of secs.7,12,13, and 18, heretofore described. Thence I run

N.89° 56'W.on true line bet.secs.12 and 13,

Over level land.

40.08 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor. 4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 12 on N.face; and 13 on S.face.

80.16 The cor.of secs.11,12,13, and 14.

Land, level.

Soil, alkaline; 3d rate.

No timber.

N.0°01'W.bet.secs.11 and 12,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 11 on W.face; and 12 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor of secs.1,2,11, and 12; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base 2 ft.high over deposit.

In SE pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.	
	T 1 N S 1 on NE.
	R 16 W S 12 on SE.,
	S 11 on SW. and
	S 2 on NW.face; with 1 notch on E.and 5 notches on S.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.1,6,7, and 12, and run
	S.89° 57'E.on random line bet.secs.1 and 12,
+0.00	Set temp.¼ sec.cor.
80.07	Intersect E.bdy.of Tp.at the cor.of secs.1,6,7, and 12 heretofore described. Thence I run
	N.89° 57'W.on true line bet.secs.1 and 12,
	Over level land.
40.03½	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 1ax1ax12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 1 on N.face; and 12 on S.face.
80.07	The cor.of secs.1,2,11, and 12.
	Land .level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.1,2,35 and 36, and run
	N.0°02'W.on random line bet.secs.1 and 2,
40.00	Set temp.¼ sec.cor.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.	
80.03	Intersect N.bd.of the Tp.at the cor.of secs.1,2,35, an 36 heretofore described. Thence I run S.0°02'W.on true line bet.secs.1 and 2, Over level land.
40.03	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor. 4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit. In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 2 on W.face; and 1 on E.face.
80.03	The cor.of secs.1,2,11, and 12. Oct.3, 1907. Land, level. Soil,alkaline 3d rate. No timber.

Oct.4: At 7 h.19 m.a.m.l.m.t.I set off 40°46' on the lat.arc; 4° 0' S.on the decl.arc; and determine a mer with the solar at the standard cor.of secs.34 and 35 on S.bdy.of Tp. , established by myself and heretofore described.

Thence I run N.0°02'W.bet.secs.34 and 35, Over level land.

40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ seccor.; dig pits 18x18x12 ins.N. and S .of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit. In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 34 on W.face; and 35 on E.face.
80.00	Deposit a quart of glass 12 ins.in the ground, for cor. of secs.26,27,34, and 35; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit. In SE pit drive a pine stake 2 ft.long, 2 ins.square,

Chains.	
	12 ins.in the ground, marked T 1 N S 26 on NE. R 16 W S 35 on SE. S 34 on SW .. and S 27 on NW.face; with 2 notches on E. and 1 notch on S.edge. Land, level. Soil, alkaline; 3d rate. No timber.
	I sight a flag set at the cor.of secs.25,26,35, and 36, and run N.89° 56'E.on a random line bet.secs.26 and 35, Over level alkali land.
40.00	Set temp.¼ sec.cor.
79.92	Intersect N. and S.line at the cor.of secs.25,26,35, and 36. Thence I run S.89° 56'W.on true line bet.secs.26 and 35, Over level alkali land ,
39.96	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x18 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit. In N.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 26 on N.face; and 35 on S .face.
79.92	The cor.of secs.26,27,34, and 35. Land, level. Soil, alkaline; 3d rate. No timber.
	N.0°02'W.bet.secs.26 and 27, Over level alkali land.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.	
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 27 on W.face; and 26 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.22,23,26, and 27; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	T 1 N S 23 on NE.
	R 16 W S 26 on SE.
	S 27 on SW., and
	S22 on NW.face; with 2 notches on S.and E.edges.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

	I sight a flag set at the cor.of secs.23,24,25, and 26, and run
	N.89° 55'E.on random line bet.secs.23 and 26,
40.00	Set temp.¼ sec.cor.
79.84	Intersect N. and S.line at the cor.of secs.23,24,25, and 26. Thence I run
	S.89° 55'W.on true line bet.secs.23 and 26,
	Over level land.
39.92	Deposit a quart of glass, 12 ins. in the ground, for ¼ ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains. In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground,marked

$\frac{1}{4}$ S 23 on N.face; and 26 on S.face,

79.84 The cor.of secs.22,23,26, and 27.

Land, level,

Soil, alkaline; 3d rate.

No timber.

N.0°02'W.bet.secs. 22 and 23

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.: dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist., and raise a mound of earth 3$\frac{1}{2}$ ft.base, 1$\frac{1}{2}$ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

$\frac{1}{4}$ S 22 on W.face; and 23 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.14,15,22, and 23; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 14 on NE.

R 16 W S 23 on SE.

S 22 on SW., and

S 15 on NW.face; with 2 notches on E. and 3 notches on S.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.	
	I sight a flag set at the cor.of secs.13,14,23 and 24, and run
	N.89° 54'E.on random line bet.secs.14 and 23
40.00	Set temp.¼ sec.cor.
79.80	Intersect N. and S .line at the cor.of secs.13,14,23, and 24. Thence I run
	S.89° 54'W.on true line bet.secs.14 and 23,
	Over level land.
39.90	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 14 on N.face; and 23 on S.face.
79.80	The cor.of secs.14,15,22 and 23.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

N.0°02'W.bet.secs.14 and 15,

Over level land.

40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 15 on W.face; and 14 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.10,11,14, and 15; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square,

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.	
	12 ins.in the ground, marked T 1 N S 11 on NE. R 16 W S 14 on SE. S 15 on SW., and S 10 on NW .face; with 2 notches on E. and 4 notches on S.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	Oct.4: At this cor.I set off 4 ° 06' S.on the decl. arc; and at 11 h. 49 m. a.m.l.m.t.observe the sun on the meridian; the resulting lat.is 40° 50'
	I sight a flag set at the cor.of secs.11,12,13, and 14, and run N.89° 55'E.on random line bet.secs.11 and 14,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
79.85	Intersect N. and S.line at the cor.of secs.11,12,13, and 14. Thence I run S.89° 55'W.on true line bet.secs.11 and 14,
	Over level land.
39.92½	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked $\frac{1}{4}$ S 11 on N.face; and 14 on S.face.
79.85	The cor.of secs.10,11,14, and 15.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.

N.0°02'W.bet.secs.10 and 11,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S .of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 10 on W.face; and 11 on E.face

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.2,3,10, and 11; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base 2 ft.high over deposit.

In S E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 2 on NE.,

R 16 W S 11 on SE.

S 10 on SW., and

S 3 on NW.face; with 2 notches on E. and 5 notches on S.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs.1,2,11, and 12, and run

N.89° 54'E.on random line bet.secs.2 and 11,

40.00 Set temp.¼ sec.cor.

79.92 Intersect N. and S.line at the cor.of secs.1,2,11, and 12. Thence I run

S.89° 54'W.on true line bet.secs.2 and 11,

Over level land.

39.96 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.	
	dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 2 on N.face; and 11 on S .face.
79.92	The cor.of secs.2,3,10, and 11.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.2,3,34, and 35 and run
	North on a random line bet.secs.2 and 3,
40.00	Set temp.¼ sec.cor.
80. 8	Intersect N.bdy.of Tp.at the cor.of secs.2,3,34, and 35, heretofore described.
	Thence I run
	South on a true line bet.secs.2 and 3,
	Over level alkali land.
40.08	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 3 on W.face; and 2 on E.face.
80.08	The cor.of secs.2,3,10, and 11.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber. October 4, 1907.
	October 4: At the standard cor.of secs.33 and 34, on S.bdy.of Tp., established by myself and heretofore de-

Chains.

scribed; lat.40° 46' 04" N.; long.113°40'09" W.; I se off 40° 46'N.on lat.arc; 4 °08 ' S on the decl.arc; and at 4 h.49m.p.m.l.m.t.determine with the solar a meridian and mark a point thereof on a stone firmly set in the ground, 5 chs.N.of the cor.

At 6 h.41 m.p.m.l.m.t.I observe Polaris at eastern elongation, in accordance with Manual of Instructions,and mark a point in the line thus determined, on a peg driven in the ground, 5 chs.N.of my station.

October 4, 1907.

Oct.5: At 7 h.0 m.a.m.l.m.t.I lay off the azimuth of Polaris 1°34' to the west, and mark the meridian thus determined by cutting a small groove in the stone set Oct.4 , on which the meridian falls 0.4 ins. E. of the mark determined by the solar.

At 7 h.19m.a.m.l.m.t.I set off 40° 46' on lat.arc; 4° 23' S.on decl. arc; and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs.N.of my station; this mark falls 0.3 ins.east of the meridian established by the Polaris observation.

The solar apparatus by p.m.and a.m.observations defines positions for meridians, respectively about 0'21" W. and 0'16"E. of the meridian established by the Polaris observations; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 8 h.0 m. is N.17° 28'W., which gives the mag.decl.17°28'E.

From the standard cor.already described I run

N.0°02'W.bet.secs.33 and 34,

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.	
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S .of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square. 12 ins.in the ground, marked ¼ S 33 on W.face; and 34 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.27,28,33, and 34; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked T 1 N S 27 on NE. R 16 W S 34 on SE. S.33 on SW., and S 28 on NW.face; with 3 notches on E. and 1 notch on S.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

	I sight a flag set at the cor.of secs.26,27,34, and 35, and run
	N.89° 59'E.on random line bet.secs.27 and 34,
40.00	Set temp.¼ sec.cor.
79.98	Intersect N. and S.line at the cor.of secs.26,27,34, and 35. Thence I run
	S.89° 59'W.on true line bet.secs.27 and 34,
	Over level land.
39.99	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft.

Chains.	
	dist.; and raise a mound of earth 3½ ft.base, 1½ high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 27 on N.face; and 34 on S .face.
77.98	The cor.of secs.27,28,33, and 34.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

N.0°03'W.bet.secs.27 and 28.

Over level land.

40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 28 on W.face; and 27 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor of secs.21,22, 27, and 28; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and rai se a mound of earth 4 ft base, 2 ft.high over deposit.
	In S E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	T 1 N R 22 on NE.
	B 16 W S 27 on SE.
	S 28 on SW .. and
	S 21 on NW.face; with 2 notches on E. and 2 notches on S.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.	
	I sight a flag set at the cor.of secs.22,23.26, and 27, and run
	N.89° 59'E.on random line bet.secs.22 and 27,
40.00	Set temp.¼ sec.cor.
79.94	Intersect N. and S.line at the cor. of secs.22,23,26, and 27. Thence I run
	S.89° 59'W.on true line bet.secs.22 and 27,
	Over level land.
39.97	Deposit a quart of glass, 12 ins. in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 22 on N.face; and 27 on S.face.
79.94	The cor.of secs.21,22,27, and 28.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

	N.0°02'W.bet.secs.21 and 22,
	Over level land.
40.00	Deposit a quart of charcoal, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 21 on W.face; and 22 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.15,16,21, and 22; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square,

Chains. 12 ins.in the ground, marked

T 1 N S 15 on NE.

R.16 W S 22 on SE.

S 21 on SW., and

S 16 on NW.face; with 3 notches on S. and E.edges.

Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs.14,15,22, and 23 and run

N.89° 57'E.on random line bet.secs.15 and 22,

40.00 Set temp.¼ sec.cor.

79.92 Intersect N. and S.line at the cor.of secs.14,15,22, and 23. Thence I run

S.89° 57'W. on true line bet.secs.15 and 22,

Over level land.

39. 96 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S.15 on N.face; and 22 on S.face.

79.92 The cor.of secs .15,16,21, and 22.

Land, level.

Soil, alkaline; 3d rate.

No timber.

Oct.5: At this cor.I set off 4°30' E.on the decl. arc; and at 11 h.49m.a.m.l.m.t.observe the sun on the meridian; the resulting lat.is 40° 49'

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.	
	N.0°02'W.bet.secs.15 and 16,
	Over level land.
40.00	Deposit a quart of glass 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 16 on W.face; and 15 on E.face.
80.00	Deposit a quart of glass 12 ins.in the ground, for cor. of secs.9,10,15, and 16; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth ¾ ft.base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked T 1 N S 16 on NE. R 16 W S15 on SE. S 16 on SW., and S 9 on NW.face; with 3 notches on E. and 4 notches on S.edge.
	Land, level.
	Soil; alkaline; Sd rste.
	No timber.

	I sight a flag set at the cor.of secs.10,11,14, and 15, and run N.89° 56'E.on random line bet.secs.10 and 15,
40.00	Set temp.¼ sec.cor.
79.97	Intersect N. and S.line at the cor.of secs.10.11,14, and 15. Thence I run S.89° 56'W.on true line bet.secs.10 and 15,
	Over level land.
39.98½	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W .of cor.4 ft.

Chains. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit. In E.pit drive a pine stake 2 ft. long 2 ins.square,12 ins.in the ground,marked

¼ S 10 on N.face; and 15 on S.face.

79.97 The cor.of secs.9,10,15, and 16.

Land level. Soil, alkaline 3d rate.

No timber.

N.0°02'W.bet.secs.9 and 10,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 9 on W.face; and 10 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.3,4,9, and 10; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 3 on NE.

R 16 W S 10 on S E.

S 9 on SW., and

S 4 on NW.face; with 3 notches on E. and 5 notches on S.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains. I sight a flag set at the cor.of secs.2,3,10, and 11 and run

East on a random line bet.secs.3 and 10,

40.00 Set temp.¼ sec.cor.

79.98 Intersect N. and S.line at the cor.of secs.2,3,10, and 11. Thence I run

West on a true line bet.secs.3 and 10,

Over level land.

39.99 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 3 on N.face; and 10 on S.face.

79.98 The cor.of secs.3,4,9, and 10.

Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs.3,4,33, and 34 and run

North bet.secs.3 and 4 on random line

40.00 Set temp.¼ sec.cor.

80.29 Intersect N.bdy.of Tp.at the cor.of secs.3,4,33, and 34, heretofore described. Thence I run

South bet.secs.3 and 4 on true line

Over level land.

40.29 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square,

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.

12 ins.in the ground, marked

$\frac{1}{4}$ S 4 on W.face; and 5 on E.face.

80.29 The cor.of secs.3.4.9, and 10.

Land, level.

Soil, alkaline; 3d rate.

No timber. October 5, 1907.

Oct. 6: At 7 h.48m.a.m.l.m.t.I set off 40° 46' on the lat.arc; 4°48' S.on the decl.arc; and determine a meridian with the solar at the standard cor.of secs. 32 and 33, on S.bdy.of Tp., established by myself and heretofore described. Thence I run

N.0°03'W.bet.secs.32 and 33,

Over level land.

40.00 Deposit a quart of glass, 12 ins. in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

$\frac{1}{4}$ S 32 on W.face; and 33 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.28,29,32, and 33; dig pits 18x18x12 ins. in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 28 on NE.

R 16 W S 33 on SE.,

S 32 on SW., and

S 29 on NW.face; with 1 notch on S . and 4 notches on E.edge.

Land, level.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains. Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs.27,28,33, and 34 and run

S.89° 57'E.on a random line bet.secs.28 and 33,

40.00 Set temp.¼ sec.cor.

80.05 Intersect N. and S.line at the cor.of secs.27,28,33, and 34. Thence I run

N.89° 57'W.on true line bet.secs.28 and 33,

Over level land.

40.02½ Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W .of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 28 on N.face; and 33 on S.face.

80.05 The cor.of secs.28,29,32, and 33.

Land, level.

Soil, alkaline; 3d rate.

No timber.

N.0°03'W.bet.secs.28 and 29,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S .of cor. 4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

½ S 29 on W.face; and 28 on E.face.

Chains.	
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.20,21,28, and 29; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked T 1 N S 21 on NE. R 16 W S 28 on SE. S 29 on SW., and S 20 on NW .face; with 4 notches on E. and 2 notches on S.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.21,22,27, and 28, and run S.89° 58'E.on random line bet.secs.21 and 28,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
80.04	Intersect N. and S.line at the cor.of secs.21,22,27, and 28. Thence I run N.89° 58'W.on true line bet.secs.21 and 28,
	Over level land.
40.02	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked $\frac{1}{4}$ S 21 on N.face; and 28 on S.face.
80.04	The cor.of secs.20,21,28, and 29.
	Land, level.
	Soil, alkaline; 3d rate.

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Chains. No timber.

N.0°03'W.bet.secs.20 and 21,

Over level alkali land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor. 4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.sq.12 ins. in the ground, marked

¼ S 20 on W.face; and 21 on E.face.

Oct.6: At this cor.I set off 4 °53' S.on decl.arc; and at 11 h.48m.a. m. ..l.m.t.observe the sun on the meridian; the resulting lat.is 40° 48'

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.16,17,20, and 21; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 16 on NE.

R 16 W S 21 on SE.

S 20 on SW., and

S 17 on NW.face; with 4 notches on E. and 3 notches on S.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor.of secs.15,16,21, and 22 and run

S.89° 56'E.on a random line bet.secs.16 and 21.

40.00 Set temp.¼ sec.cor.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.

80.02 Intersect N. and S.line at the cor.of secs.15,16,21, and 22. Thence I run

S.89° 56'W.on true line bet.secs.16 and 21,

Over level land,

40.01 Deposit a quart of charcoal, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 16 on N.face; and 21 on S.face.

80.02 The cor.of secs.16,17,20, and 21.

Land, level. [illegible]

Soil, alkaline; [illegible]

Mos timber. [illegible]

N.0°03'W.bet.s ecs.16 and 17,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 17 on W.face; and 16 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.8,9,16, and 17; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground,marked

T 1 N S 9 on NE.

R 16 W S 16 on SE.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.	
	S 17 on SW .. and
	S 8 on W.face; with 4 notches on S. and E.edges.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.9.10,15, and 16, and run
	S.89° 57'E.on a random line bet.secs.9 and 16,
40.00	Set temp.¼ sec.cor.
80.02	Intersect N. and S.line at the cor.of secs.9,10,15, and 16. Thence I run
	N.89°57'W.on true line bet.secs.9 and 16,
	Over level land.
40.01	Deposit a quart of glass. 12 ins.in the ground for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W .of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 9 on N.face; and 16 on S.face.
80.02	The cor.of secs.8,9,16, and 17.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	N.0°03'W.bet.secs.8 and 9,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit;

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Chains.	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked, ¼ S 8 on W.face; and 9 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.4,5,8, and 9; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long. 2 ins.square, 12 ins.in the ground, marked T 1 N S 4 on NE. R 16 W S 9 on SE. S 8 on SW., and S 5 on NW.face; with 4 notches on E. and 5 notches on S.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.3,4,9, and 10, and run S.89° 58'E.on random line bet.secs.4 and 9,
40.00	Set temp.¼ sec.cor.
80.00	Intersect N.and S.line at the cor.of secs. 3,4,9, and 10. Thence I run N.89° 58'W.on true line bet.secs.4 and 9,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 4 on N.face; and 9 on S.face.
80.00	The cor.of secs.4,5,8, and 9.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains. Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the c or.of secs.4,5,32, and 33, and run

North on a random line bet.secs.4 and 5,

40.00 Set temp.¼ sec.cor.

80.12 Intersect N.bdy.of Tp at the cor.of secs.4,5,32, and 33 heretofore described. Thence I run

South on true line bet.secs.4 and 5,

Over level land.

40.12 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor. 4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the round, marked

¼ S 5 on W.face; and 4 on E.face.

80.12 The cor.of secs.4,5,8, and 9.

Land, level.

Soil, alkaline; 3d rate.

No timber.

October 6, 1907

October 7; at 6 h. 48 m.a.m.l. m.t.,
At the standard cor.of secs.31 and 32 on S. bdy.of Tp., established by myself and heretofore described, I set off 40° 46'on the lat.arc; 5 °07' S. on the decl.arc; and determine a meridian with the solar.

Thence I run

N.0°04'W.bet.secs.31 and 32,

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.	
	Over level alkali land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 31 on W.face; and 32 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.29,30,31, and 32; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.
	In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	T 1 N S 29 on NE.
	R 16 W S 32 on SE.
	S 31 on SW., and
	S 30 on NW.face; with 1 notch on S. and 5 notches on E.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.28,29,32, and 33 and run
	S.89° 57'E.on random line bet.secs.29 and 32,
40.00	Set temp.¼ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.28,29,32, and 33. Thence I run
	N.89° 57'W.on true line bet.secs.29 and 32,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E.and W.of cor.4 ft.
	S.;

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Chains.	
	dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 29 on N.face; and 32 on S.face.
80.00	The cor.of secs.29,30,31, and 32 .
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.25,30,31, and 36 and run S.89° 58'W.on random line bet.secs.30 and 31,
40.00	Set temp.¼ sec.cor.
79.95	Intersect W.bdy.of Tp.or Guide Meridian at the cor.of secs.25,30,31, and 36, heretofore described.
	Thence I run N.89° 58'E.on true line bet.secs.30 and 31,
	Over level land.
39.95	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 30 on N.face; and 31 on S.face.
79.95	The cor.of secs.29,30,31 , and 32.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.

N.0°04'W.bet.secs.29 and 30.

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor. 4ft dist.; and raise a mound of earth 3½ ft. base, 1½ ft high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 30 on W.face; and 29 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor of secs.19,20,29, and 30; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4½ ft base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 20 on NE.

R 16 W S 29 on SE.
S 30 on SW., and

S.19 on NW.face; with 5 notches on E. and 2 notches on S.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

I sight a flag set at the cor. 20,21,28, and 29 and run

East on a random line bet.secs.20 and 29,

40.00 Set temp.¼ sec.cor.

80.00 Intersect N. and S.line at the cor.of secs.20,21,28, and 29. Thence I run

West on true line bet.secs.20 and 29,

Over level land.

40.00 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W .of cor.4

Chains.	
	ft.dist'; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 30 on N.face; and 29 on S.face.
80.00	The cor.of secs.19,20,29, and 30.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.19,24,25 and 30 and run West on a random line bet.secs.19 and 30.
40.00	Set temp.¼ sec.cor.
79.89	Intersect Guide Meridian at the cor.of secs.19,24,25, and 30, heretofore described. Thence I run East on a true line bet.secs.19 and 30,
	Over level land.
39.89	Deposit a quart of glass, 18 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked ¼ S 19 on N.face; and 30 on S.face.
79.89	The cor.of secs.19,20,29, and 30.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	N.0°04'W.bet.secs.19 and 20.
	Over level land.
40.00	Deposit a quart of glass, 18 ins.in the ground, for ¼

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Chains. sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.

In S.pit drive a pine stake 2 ft.long.2 ins.square, 12 ins.in the ground, marked

¼ S 19 on W.face; and 2 0 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor. of secs.17,18,19, and 20; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft. high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 17 on NE.

R 16 W S 20 on S E.

S 19 on SW., and

S 18 on NW.face; with 5 notches on E. and 3 notches on S.edge.

Land, level.

Soil, alkaline; 3d rate.

No timber.

Oct.7: At this cor.I set off 5°16' S.on the decl. and at11h.48m.a.m.l.m.t.observe the sun on the meridian; the resulting lat.is 40° 48'

I sight a flag set at the cor.of secs.16,17,20, and 21, and run

S.89° 59'E.on random line bet.secs.17 and 20,

40.00 Set temp.¼ sec.cor.

80.04 Intersect N. and S.line at the cor.of secs.16,17,20, and 21. Thence I run

N.89° 59'W.on true line bet.secs.17 and 20,

Over level land.

40.03 Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.E. and W.of cor.4 ft.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.	
	dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 18 ins.in the ground, marked ¼ S 17 on N.face; and 20 on S.face.
80.04	The cor.of secs.17,18,19, and 20.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.13.18,19, and 24, and run
	N.89° 59'W.on random line bet.secs.18 and 19.
40.00	Set temp.¼ sec.cor.
79.83	Intersect the Guide Meridian at the cor.of secs.13,18, 19, and 24, heretofore described. Thence I run
	S.89° 59'E.on true line bet.secs.18 and 19
	Over level land.
39.83	Deposit a quart of glass, 18 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x18 ins.E. and W .of cor.4 ft. dist.; and raise a mound ofearth 3 ½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 18 ins.in the ground, marked ¼ S 18 on N.face; and 19 on S.face.
79.83	The cor.of secs.17,18,19, and 20.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	N.0°04'W.bet.secs.17 and 18,
	Over level land.

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.	
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square,12 ins.in the ground, marked ¼ S 18 on W.face; and 17 on E.face.
80.00	Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.7,8,17, and 18; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 3 ft.high over deposit.
	In SE.pit drive a pine stake 3 ft.long, 2 ins.square, 12 ins.in the ground, marked T 1 N S 8 on NE. R 16 W S 17 on SE. S 18 on SW., and S 7 on NW.face; with 4 notches on S. and 5 notches on E.edge.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

	I sight a flag set at the cor.of secs.8,9,16, and 17, and run
	East on a random line bet.secs.8 and 17,
40.00	Set temp.¼ sec.cor.
80.00	Intersect N. and S.line at the cor.of secs.8,9,16, and 17, thence I run
	West on a true line bet.secs.8 and 17,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.;dig pits 18x18x12 ins.E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft.

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Chains.	
	high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 8 on N.face; and 17 on S.face.
80.00	The cor.of secs.7,8,17, and 18.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	I sight a flag set at the cor.of secs.7,12,13, and 18 and run
	West on a random line bet.secs.7 and 18,
40.00	Set temp.$\frac{1}{4}$ sec.cor.
79.77	Intersect Guide Meridian at the cor.of secs.7,12,13, and 18, heretofore described.
	Thence I run
	East on a true line bet.secs.7 and 18,
	Over level land.
39.77	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins.N. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	$\frac{1}{4}$ S 7 on N.face; and 18 on S.face.
79.77	The cor.of secs.7,8,17, and 18.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.
	N.0°04'W.bet.secs.7 and 8,
	Over level land.
40.00	Deposit a quart of glass, 12 ins.in the ground, for $\frac{1}{4}$

Chains. sec.cor.; dig pits 18x18x12 ins.N. and S. of cor. 4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

¼ S 7 on W.face; and 8 on E.face.

80.00 Deposit a quart of glass, 12 ins.in the ground, for cor.of secs.5,6,7, and 8; dig pits 18x18x12 ins.in each sec.4 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high over deposit.

In SE.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

T 1 N S 5 on NE.

R 16 W S 8 on SE.

S 7 on SW., and

S 6 on NW.face; with 5 notches on S.and E.edges.

Land, level.

Soil, alkaline; 3d rate.

No timber.

I night in ring set at the cor.of secs.4,5,8, and 9 and run

East on a random line bet.secs.5 and 8,

40.00 Set temp.¼ sec.cor.

80.00 Intersect N. and S.line at the cor.of secs.4,5,8, and 9.

Thence I run

East on a true line bet.secs.5 and 8,

Over level land.

40.01½ Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and W.of cor.4 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high over deposit.

In W.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked

SUBDIVISION OF T. 1 N., R. 16 W.

Chains	
	¼ S 5 on N.face; and 8 on S.face.
80.03	The cor.of secs.5,6,7, and 8.
	Land, level.
	Soil, alkaline; 3d rate.
	No timber.

	I sight a flag set at the cor.of secs.1,6,7, and 12, and run
	West on a random line bet.secs. 6 and 7.
40.00	Set temp.¼ sec.cor.
79.91	Intersect Guide Meridian at the cor.of secs.1,6,7, and 12, heretofore described. Thence I run
	East on a true line bet.secs.6 and 7,
	Over level land.
39.91	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins. E. and W.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In E.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 6 on N.face; and 7 on S.face.
79.91	The cor.of secs.5,6,7, and 8.
	Land, level.
	Soil, alkaline, covered with thin crust of salt;4th rate.
	No timber.

	I sight a flag set at the cor.of secs.5,6,31 and 32 on N.bdy. of Tp. and run
	N.0°04'W.bet.secs.5 and 6, on random line,
40.00	Set temp.¼ sec.cor.
80.06	Intersect N.bdy.of Tp.at the cor.of secs.5,6,31, and 32 heretofore described. Thence I run

SUBDIVISION OF T. 1 N., R. 16 W.

Chains.	
	S.0.°04'E.on true line bet.secs.5 and 6,
	Over level land.
40.06	Deposit a quart of glass, 12 ins.in the ground, for ¼ sec.cor.; dig pits 18x18x12 ins.N. and S.of cor.4 ft. dist.; and raise a mound of earth 3½ ft.base, 1½ ft. high over deposit.
	In S.pit drive a pine stake 2 ft.long, 2 ins.square, 12 ins.in the ground, marked
	¼ S 6 on W.face and 5 on E.face.
80.06	The cor.of secs.5,6,7, and 8.
	Land, level salt bed.
	No timber. October 7, 1907.

GENERAL DESCRIPTION.

This township consists of a vast level tract of alkali land, entirely destitute of vegetation.

There is no salt of commercial value, except in secs.6,7,18,19,30, and 31; and there in no great depth.

Aside from the salt, there is no mineral in the township, except gypsum in a crystalized form.

There are no springs in the township, and no settlers.

Alonzo J. Stanley

U.S.Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Alonzo J.Stookey, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the subdivision of Tps.3 and 4 S., R. 19 W.; Tps.1 S. and 1 N. Rs.16,17, and 18 W. and fractional Tps.10 S., Rs.5 and 6 W.of the S.L.B.& M.,Utah showing the respective capacities in which they acted:

Ralph Gentry, *Chainman.*

Asael Tanner, *Chainman.*

Richard Orr, *Moundman.*

Lionel J.Stookey, *Moundman.*

_____, *Axman.*

_____, *Axman.*

Warren Eyman, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Alonzo J.Stookey, United States Deputy Surveyor, in surveying all those parts or portions of the the subdivisional lines of Townships 3 and 4 South Range 19 West; Townships 1 North and 1 South, Ranges 16,17, and 18 West; and fractional Townships 10 South, Ranges 5 and 6 West of the Salt Lake Base and meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by him 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

Asael Tanner, *Chainman.*

Ralph Gentry, *Chainman.*

Lionel J. Stookey, *Moundman.*

Richard Orr, *Moundman.*

_____, *Axman.*

_____, *Axman.*

Warren Eyman, *Flagman.*

Subscribed and sworn to before me this 7th day of October, 1907.

SEAL

Alonzo J. Stookey
U.S. Deputy Surveyor.

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Alonzo J. Stookey, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Thomas Hull United States Surveyor General for Utah, bearing date of the 21st day of March, 1907, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivisional lines in Townships 3 and 4 South, Range 19 West; Township 1 North, Ranges 16,17, and 18 West; Township 1 South, Ranges 16,17, and 18 West; and fractional Township 10 South, Ranges 5 and 6 West of the Salt Lake Base and meridian, in the State of Utah, which are represented in the foregoing field notes in books F.I.L.N.R.U.W.Y.Z² & Z³ as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Alonzo J. Stookey
United States Deputy Surveyor.

Subscribed by said Alonzo J. Stookey, and sworn to before me this 2d day of January, 1908.

Thomas Hull
U.S. Surveyor-General
for Utah.

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, May 8, 1908.

The foregoing field notes of the survey of the subdivisional lines of Township No.1 North, Range No.16 West of the Salt Lake Base and Meridian, Utah executed by Alonzo J. Stookey under his contract No. 296, dated March 21, 1907, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Thomas Hull
United States Surveyor General.

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

United States Surveyor General.