BOOK-A-193

EPORT: 1883

iled 188

xamined by O E Salomon C C

ranscribed by

ompared by Salomon and Campe

FIELD NOTES

OF THE SURVEY OF THE

3rd Auxiliary Guide Meridian West through

OF

ownship No 30. 29. 28 and 27 South

ange No 17 & 18 W

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

T. G. Bailey

U. S. Deputy Surveyor,

Under his Contract No. 117

ated October 20th 1882

rvey commenced Nov. 25th 1882

rvey completed " 27th 1882

43-3

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BOOK-A-193

Township 30 South R 18 West

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

ANTS:

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xeman.

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lagman.

Auxiliary Guide Meridian West in T. 30 S. bet. Rs 17 & 18 W.

Survey commenced Nov 25th 1882, with a Burt's improved solar compass, which I tested on the meridian obtained from an observation on the Star Polaris, and found it correct.

The observed latitude being 38° 10' N.

From the standard cor. to Tps. 30 S. R. 17 & 18 W. which is a Red Granite 16 x 14 x 6 ins: with stone mound alongside.

Yours,

3d Auxiliary Guide Meridian Wi[illegible] T. 30[illegible]

chains	North bet. secs. 31 & 36 Var. 16° E.
	Along east slope
40.00	set Limestone 14 x 10 x 8 in 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised mound of stone along side.
80.00	Set Limestone 15 x 9 x 5 in 10 ins. in the ground for cor. to secs. 25, 30, 31 & 36, marked 5 notches on N. & 1 on S. Edge and raised a mound of stone alongside.
	Land Mountainous on 80 chs
	Soil 3d rate, rocky,
	Scattering cedar & Pinn

BOOK-A-

chains	No[illegible]
	Alo[illegible]
0.00	Set [illegible] 6 ins [illegible] for [illegible] on [illegible] mon[illegible] side [illegible]
	A pin[illegible] 10 lk[illegible]
00	set [illegible] 10 ins [illegible] cor. [illegible] marke[illegible] 2 on [illegible] a mon[illegible] side [illegible]
	Land [illegible]
	Soil [illegible]

BOOK-A-193

T. 30 S. bet. Rs 17 & 18 W. S. L. M.

North bet. secs. 25 & 30

Var. 16° E.

along East Slope.

Set Trachyte stone 16 x 8 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised a mound of stone along side, from which

A pinon 6 ins. dia. brs. west 10 lks. marked 1/4 S. B. T.

Set Limestone 15 x 14 x 6 ins. 10 ins. in the ground for cor. to secs. 19. 24, 25 & 30, marked 4 notches on N. & 2 on S. Edges, and raised a mound of stone along side.

Land Mountainous on 80chs.

Soil 3d rate rocky

3d Auxiliary Guide Meridian West

chains		
	Scattering cedar & pinion.	
	"	
	North bet. Secs. 19 & 24 Var. 16° E. Along East slope.	
40.00	Set Trachyte stone 14 x 11 x 8 ins. 9 ins. in the ground for ¼ sec. cor. Marked ¼ on W. face, and raised mound of stone along side.	40.0
50.60	Ravine drains N E.	
80.00	Set Trachyte stone 16 x 12 x 9 ins. 10 ins. in the ground for cor. to secs. 13. 18. 19 & 24, Marked 3 notches on N. & S. Edges, & raised a mound of stone alongside.	80.0

BOOK-A-193

in T. 30 S. Bet. Rs 17 & 18 W. S. L. M.

	chains	Land mountainous & rocky, soil 3d rate rocky, scattering cedar & pinon —
		"
		North bet. Secs. 13 & 18 Var. 16° E.
		Along E. slope of mountain.
	4.00	Set Granite 18 x 10 x 7 ins. 12 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face, and raised mound of stone alongside, from which
		A Pinon 6 ins. dia. bs. N 45° E. 14 lks. marked 1/4 S. B. T.
	5.00	Set Granite 15 x 13 x 6 ins. 10 ins. in the ground for cor. to Secs. 7, 12, 13 & 18, marked

3d Auxiliary Guide Meridian at T. 30 S.

chains	2 notches on N. & 4 on S. Edge and raised mound of stone alongside, from W. A pinon 7 ins. dia. brs. S 15° E. 4 marked T. 30 S. R. 17 W. S. 18 B. T. Land mountainous on 80 Soil 2d & 3d rate Scattering cedar & pinon
	North bet. Secs. 7 & 12 Var. 16° E.
20.18	Ravine drains N.
40.00	On E. Slope Set Granite 14 x 11 x 6 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised mound of stone

chains	alon
0.00	On
	16 x 1
	the
	secs.
	1 not
	Edge
	Mou
	Land
	Soil
	Scatt
	North
.60	Rain
.00	Set G
	12 ins
	for 1/4

...dian ... T. 30 S. R. 17 & 18 W. S. L. M.

...r S. Ed... ...ains alongside.
...d of ... 0.00 On N.E. Slope: Set Granite
...from W... 16 x 14 x 7 ins. 10 ins. in
...15° E. 4... the ground for cor. to
...W. S. 18... secs. 1, 6, 7 & 12, marked
1 notch on N. & 5 on S.
...s on 80... Edges, and raised a
mound of stone alongside.
...Pinon Land Mountainous on 80 chs,
soil 3d rate rocky.
Scattering Cedar & pinon.

...12

North bet. Secs. 1 & 6
Var. 16° E.
...Granite Raine drains N.
...in the ...60 Set Granite 18 x 10 x 9 ins.
...cor. ...00 12 ins. in the ground
...face X for 1/4 sec. cor. marked 1/4
...of stone

3d Auxiliary Guide Meridian

chains	on N. fall, and raised a mound of stone along side.	chains
80.00	On East slope of Mountains Sec. Granite 2-3x14x12 ins. 17 ins. in the ground for cor. to Tps. 29 & 30 S. R. 17 & 18 W, marked 6 notches on S. E. S & W. edges, from which	15.00
	Cedar 10 ins. dia. brs. N. 7 W. 50 lks.	40.00
	" " 12 " " " S. 39° E. 20 "	
	" " 12 " " " S. 42° W. 70 "	
	" " 14 " " " N. 16° E. 10 "	
	Trees all marked with the proper T. R. Sec. as directed in the manual of May 5th 1881.	50.00
	Land Mountainous.	80.00
	Soil 2d rate	
	Timber, Cedar & Pine on 80 chs.	

in T. 29 S. Bet. Rs. 17 & 18 W. S.L.M.

Chains	
	North Bet. Secs. 31 & 36. Va 16° 10' E
15.00	Gulch drains N.E.
40.00	On S. slope of ridge Set granite 19 x 17 x 12 ins. 12 ins. in the ground, for 1/4 sec. Cor. marked 1/4 on W. face.
	From which.
	A cedar 7 ins. diam. bears N. 10° W. 50 lks. dist.
	A cedar 8 ins. diam. bears N. 15° E. 20 lks. dist.
	Both marked 1/4 S.B.T.
50.00	Ridge bears N.E. & S.W.
80.00	Set granite 25 x 15 x 12 ins. 15 ins. in the ground, for Cor. to Secs. 25, 30, 31 & 36, marked 1 notch on S. & 5 notches on N. edges, and made

BOOK-A-193

Township 29 South R. 18 West

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

3rd Auxiliary Guide Meridian We

Chains	a mound of stone along side.
	No trees suitable for marking at hand.
	Land mountainous
	Soil 3rd rate.
	Dense cedar on 80.00 ch
	North Bet. Secs. 25 + 3
	Va 16. 10' E.
25.00	Gulch drains N.E.
40.00	On ridge bears N.E. + S.W.
	Set granite 16 + 7 + 5 ins - 1 ins. in the ground, for 1/4 Sec. Cor. marked 1/4 on W. face, and raised a mound of stone along from which

BOOK-A-19

T. 29 S. R.

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	Indian
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	about
	North
	Alon

T. 29 S. Bet. Rs. 17 & 18 W. S. L. M.

A cedar bins. diam. bears
N. 10° E. 26. lks. dist
Marked 1/4 S. B. T.
Bance 1 lk wide mins East.
Set granite 14 x 9 x 5 ins - 9
ins. in the ground, for Cor.
to Secs. 19. 24. 25 & 30, mark=
ed 2 notches on S. & 4 notch=
es on N. edges, and rais=
ed a mound of stone
alongside, in Hollow drains E.
No trees suitable for marking
Land rolling
Soil 2nd rate.
Dense cedar & pinion pine.
on 8000 chs - from which corner
Indian Peak bears N. westerly about
2 1/2 miles, and Indian springs
about 60 chains.

North Bet. Secs 19 & 24
Va 16.° 10' E.
Along E. Hope

3d Auxiliary Guide Meridian West

Chains	
4.00	Set granite 16×7×5 ins - 16 ins. in the ground, for 1/4 sec. Cor. marked 1/4 on W. face & raised a mound of stone alongside.
8.00	No trees suitable - ~~in grassy hollow drains E.~~ Set granite 14×9×5 ins - 9 ins. in the ground, for Cor. to Secs. 13. 18. 19. 24, marked 3 notches on N & S. edges, and raised a mound of stone alongside.
	No trees suitable for marking. ~~from which~~
	~~Indian Peak bears N.W. about 2½ miles.~~
	~~Spring bears N.W. about 60 chains~~
	Land rolling
	Soil 2nd rate
	Dense cedar timber [illegible]

BOOK-A-1

T. 29 S.

Chains	
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6.00	Set
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7.00	Ridg
8.00	Set g
	ins.
	to Sec
	4 no
	edge
	Mo
	Dan

T. 29 S. Bet. Rs. 17 & 18 W. - S. L. M.

ains	North Bet. Secs. 13 & 18
	Va 16° 10' E.
5.00	Ascend.
1.000	Set granite 13 x 8 x 6 ins - 8 ins. in the ground, for 1/4 sec. Cor. marked 1/4 on W. side, and raised a mound of stone alongside.
	From which
	A Cedar 7 ins. diam. bears N 22° W. 27 lks. dist. marked 1/4 S. B. T.
7.00	Ridge bears N.W. & S.E.
5.00	Set granite 18 x 7 x 4 ins. 12 ins in the ground, for Cor. to Secs. 7, 12, 13 & 18, marked 4 notches on S. & 2 on N. edges, and raised a mound of stone alongside.
	Land mountainous.

3rd Auxiliary Guide Meridian West

chains		chains
	Soil 2nd rate	50.00
	Seat Cedars on 80.00 chs.	80.00
	North Bet. Secs. 7 & 12 Va 16° 10' E.	
7.00	Enter rolling cedar bench.	
25.00	Hollow drains N.E.	
40.00	Set granite 17 x 15 x 9 ins. 11 ins. in the ground, for 1/4 Sec. Cor. marked 1/4 on W. face, and raised a mound of stone alongside. From which. A cedar 8 ins. diam. bears N. 70° E. 15 lks. dist. A cedar 10 ins. diam. bears S. 64° W. 20 lks. dist. Both marked 1/4 S. B. T.	

T. 29 S. Bet. Rs. 17 & 18 W. – S. L. M.

Chains	
5000	Lone Butte.
8000	Set granite 19 x 17 x 11 ins. 12 ins. in the ground, for Cor. to Secs. 1, 6, 7 & 12 marked 5 notches on S. & 1 notch on N. edges

From which

A cedar 12 ins. diam. bears N. 25° W. 10 lks. dist. marked T. 29 S. R. 18 W. S. 1. B.T.

A cedar 14 ins. diam. bears N. 33° E. 20 lks. dist. marked T. 29 S. R. 17 W. S. 6. B.T.

A cedar 15 ins. diam. bears S. 11° E. 51 lks. dist. marked S. 7. B.T.

A cedar 6 ins. diam. bears S. 22½° W. 40 lks. dist. marked S. 12 B.T.

Land rolling

3d Auxiliary Guide Meridian West

Chains	Soil 1st rate - gravelly. Dense Cedar & pinion pine
	North Bet. Secs. 10 C. Va 16.° 10 E.
15.00	Hollow drains N.E.
40.00	Set granite 17 x 11 x 11 ins - 11 ins. in the ground, for 1/4 sec. Cor. marked 1/4 on W. face.
	From which
	A cedar 12 ins. diam. bears N. 75° W. 15 lks. dist.
	A cedar 16 ins. diam. bears S. 60° E. 20 lks. dist.
	Both marked 1/4 S. B. T.
60.00	Hollow drains N.E.
80.00	Set granite 14 x 14 x 12 ins - 9 ins. in the ground, for Cor.

17.

T 29 S. Bet. Rs. 17 & 18 W. — S. L. M.

Chains to Tps. 28 & 29 S. Rs. 17 & 18 W. marked 6 notches on each edge and raised a mound of stone alongside (No trees suitable for marking)

Land rolling
Soil 2nd rate
Cedar & pinion pine 80 chs.

Nov. 25th 1882

"

3rd Auxiliary Guide Meridian We

Chains	
	Nov. 27th 1882.
	North Bet. Secs. 31 & 36
	Va 16° 30' E
27.50	Ridge bears N.E. & S.W.
30.50	Wash drains N.E.
40.00	Set granite 17×15×8 ins - 11 ins in the ground, for 1/4 sec. Cor. Marked 1/4 on W. face, and raised a mound of stone alongside.
60.00	Leave mountains
	Enter Sage Brush Valley
80.00	Set granite 12×12×10 ins. 8 in in the ground, for Cor. to Sec. 25, 30, 31 & 36, marked 1 notch on S. & 5 notches N. edges and raised a mound of stone alongside from which.
	Acedar 10 ins. diam. bear

BOOK-A-19

T. 28 S. A

Chains	N. 4
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	North
40.00	Set
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	sec.
	face
	of st
	from
	Aced
	N. 65
	Man

BOOK-A-193

Township 28 South R. 18 West

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

T. 28 S. Bet. Rs. 17 & 18 W. – S. L. M.

Diam N. 40° W. 25 lks. dist. marked.
T. 28 S. R. 18 W. S. 25. B.T.
Land mountainous on. 60.00 chs.
Sage Brush Valley. 20.00..
Soil 2nd & 1st rate.
Scatt. Cedar & pinion pine on 80.00 chs.

North Bet. Secs. 25 & 30
Va. 16° 30' E.

40.00 Set trachyte 24 x 20 x 15 ins.
15 ins. in the ground, for 1/4
sec. Cor. marked 1/4 S. on W.
face, and raised a mound
of stone alongside.
From which.
A cedar 9 ins. diam. bears
N. 65° E. 20 lks. dist.
Marked 1/4 S. B.T.

3d Auxiliary Guide Meridian West

Chains	
45.00	Leave timber
	Enter sage brush.
69.00	Old road bears E & W.
80.00	Set trachyte 10 x 8 x 6 ins. 7 ins. in the ground, for Cor. to Secs. 19. 24. 25 & 30, marked 2 notches on S. & 4 on N. edges, dug regulation pits, and raised mound of Earth alongside.
	Land gentle E. slope
	Soil 1st rate.
	Cedar & pinion pine on 45.

North Bet. Secs. 19 & 24
Va 16.30 E.

40.00	Set sandstone 14 x 12 x 5 ins. 9 ins. in the ground, for 1/4

BOOK-A-

T 28 S.

Chains	
	Sec.
	dug
	raise
	alon
7.50	Short
	dist
	drai
7.16	Gul
00	Set
	ins.
	Secs
	3 no
	dug
	raise
	alon
	N. poi

T 28 S. Bet. Rs. 17 & 18 W. S. L. M.

[illegible]ains	Sec. Cor. marked 1/4 on W. face dug regulation pits, and raised mound of earth alongside
[illegible].50	Short hollow heads E. 100 lks. dist, drains W. 4 chs. to gulch drains N. E.
[illegible]7.10	Gulch drains N. E.
[illegible]00	Set trachyte 18 x 13 x 5 ins. 12 ins. in the ground, for Cor. to Secs. 13, 18, 19 & 24, marked 3 notches on N. & S. edges, dug regulation pits, and raised a mound of earth alongside, from which a Rock on N. point of Rocky Ridge bears N. 0°15' W. about 2 miles

Land gentle E. slope
Soil 1st rate.
Dense sage brush
undergrowth —

3d Auxiliary Guide Meridian W

Chains	North Bet. Secs. 13 & 18 Va 16°15' E.
0.0	Saw Tooth rock bears. S. 88°28' W. about 2 miles dis
13.50	Hollow drains N. E.
27.00	" " "
40.00	Set granite 15 x 12 x 12 ins. 10 ins. in the ground, for 1/4 Sec. Cor. marked 1/4 on W. face, deg regulation pits and raised a mound of earth alongside
65.00	Wash drains S. E.
73.50	" " "
80.00	Set granite 18 x 16 x 10 ins 12 ins. in the ground, for Cor to Secs. 7.12.13 & 18, marked 4 notches on S. & 2 on N. edges, deg regulation pits

BOOK-A-1

P. 28 S. 1

Chains	an
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	North
33.00	Wa
40.00	Set g
	ins.
	Cor.
	deg
	raise
	along
00	Set g

T. 28 S. Bet. Rs. 17 & 18 W. – S. L. M.

chains	and raised a mound of earth alongside.
	Land gentle E. slope
	Soil 1st rate.
	Dense sage brush
	undergrowth
	North Bet. Secs. 7 & 12
	Vn 16°. 15' E.
33.00	Wash drains N. E.
40.00	Set granite 15 x 12 x 6 ins. 10 ins. in the ground, for 1/4 Sec. Cor. marked 1/4 on W. face, dug regulation pits, and raised a mound of earth alongside.
40.00	Set granite 15 x 14 x 12 ins. 10

3d Auxiliary Guide Meridian West

Chains	ins. in the ground, for cor. to secs. 1, 6, 7 & 12, marked 5 notches on S. & 1 notch on N. edges, dug regulation pits, and raised a mound of earth along side
	Land gentle E. slope soil 1st rate. Dense sage brush undergrowth.
	North Bet. Secs. 1 & 6 Va. R. 15 E.
31.00	Wash drains N.E.
40.00	Set granite 18 x 12 x 12 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N.

P. 28 S.

Chains	face, and ea[illegible]
7.50	Wash
7.50	Cattle
9.00	Set gr[illegible] ins. [illegible] to Ty[illegible] W. [illegible] each [illegible] tion [illegible] mon[illegible] La[illegible] So[illegible] Do[illegible] [illegible]

T. 28 S. Bet. Rs. 17 & 18 W. - S. L. M.

[illegible]	face, dug regulation pits and raised mound of earth alongside.
7.50	Wash drains N. E.
7.50	Cattle trail bears E. & W.
9.00	Set granite 15 x 8 x 8 ins. - 10 ins. in the ground, for cor. to Tps. 27 & 28 S. Rs. 17 & 18 W. marked 6 notches on each edge, dug regulation pits, and raised a mound of earth alongside

Land gentle E. slope
Soil 1st rate.
Dense sage brush
undergrowth.

3rd Auxiliary Guide Meridian W

Chains	
	North Bet. Secs. 31 & 36 Va 16° 15' E.
14.00	Wash drains N.E. Enter hollow drains N.E.
20.00	Leave same
40.00	Set Limestone 12×10×10 in 8 ins. in the ground, for 1/4 sec. Cor. marked 1/4 on W. face, dug regulation pits, and raised mound of earth alongside
66.50	Descend
73.00	Enter hollow drains N.E.
75.00	Wash drains N.E.
80.00	Set granite 22×9×8 ins. 15 ins. in the ground for Cor. to Secs. 25, 30, 31 & 36, marked Notch on S. & E. notches

BOOK-A-1

T. 27 S.

Chains	
	on
	pit
	earth
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0.10	Le
2.00	Top
7.50	Ha
0.00	Wa
0.00	Set
	ins.

BOOK-A-193

Township 27 South R. 18 West

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

T. 27 S. Bet. Rs. 17 & 18 W – S.L.M.

[illegible]	on N edges, dug regulation pits, and raised a mound of earth alongside.
	Land gently rolling
	Soil 1st rate.
	Dense sage brush
	undergrowth
	North Bet. Secs. 25 & 30
	Va 16° 15' E.
~~0.10~~	~~Wash drains S.E.~~
0.10	Leave hollow.
2.00	Top of bench
7.50	Hollow drains N.E.
0.00	Trail in hollow drains N.E.
0.00	Set Limestone 15 & 12 & 8 ins. 10 ins. in the ground, for 1/4 Sec.

3d Auxiliary Guide Meridian West

Chains | Cor. marked 1/4 on W. face
deg regulation pits, and
raised a mound of earth
alongside.
From which.
A Cabin bears S. 84½° W. abo
2 miles dist.
A Spring bears S. 85
160 chs. dist.
80.00 Set Sandstone 20 x 16 x 4 in
14 ins. in the ground, fr
Cor. to Secs. 19, 24, 25 & 30
marked 2 notches on S
& 4 on N. edges, deg reg
tion pits, and raised
mound of earth alongside.
Land level bench
Soil 1st rate.
Dense sage brush

27 S. Bet. Rs. 17 & 18 W - S. L. M

undergrowth.

North Bet. Secs. 19 & 24
Va 16° 15' E.

Hollow drains N.E.
Set granite 12 x 6 x 6 ins - 8 ins. in the ground, for 1/4 Sec. Cor. Marked 1/4 on W. face, dug regulation pits, and raised a mound of earth alongside.

Hollow drains N.E.
Set granite 17 x 15 x 5 ins - 11 ins. in the ground, for Cor. to Secs. 13. 18. 19 & 24, marked 3 notches on N. & S. edges, dug regulation pits, and

3d Auxiliary Guide Meridian West

Chains		Chain
	raised mound of earth alongside.	800
	Land rolling Soil 1st rate. Dense sage brush undergrowth.	
	North Bet. Secs. 13 & 18 Va 16°15' E.	
32.50	Wash drains N.E.	
40.00	Set granite 15 x 15 x 10 ins. 10 ins. in the ground, for 1/4 Sec. Cor. marked 1/4 on W. face, dug regulation pits, and raised a mound of earth alongside.	0. 15 29.
75.00	Enter hollow drains N.E.	400

BOOK-A-193

T. 27 S. Bet. Rs. 17 & 18 W. S. L. M.

Chains	
8.00	Set Limestone 20 x 20 x 10 ins. 14 ins. in the ground, for Cor. to Secs. 7. 12. 13 & 18, marked 4 notches on S. & 2 notches on N. edges, and raised a mound of stone alongside.
	Land mostly level
	Soil 1st rate
	Dense sage brush
	undergrowth.
	North Bet. Secs. 7 & 12
	Va 16.15 E.
0.50	Wash drains N.E.
1.50	Leave hollow
29.00	Wash drains N.E.
40.00	Set granite 12 x 12 x 10 ins. - 8

3d Auxiliary Guide Meridian West

Chains	
	ins. in the ground, for 1/4 Sec. Cor. marked 1/4 on W. face, dug regulation pits and raised mound of earth alongside.
59.50	Wash drains N. E.
68.50	" " "
80.00	Set Limestone 30×20×12 in 20 ins in the ground, for Cor. to Secs. 1, 6, 7 & 12, marked 5 notches on S. & 1 notch on N. edges dug regulation pits, and raised a mound of earth alongside

Land Sage Brush Valley
Soil 1st rate
Dense sage brush
undergrowth

T. 27 S. Bet. Rs. 17 & 18 W. - S. L. M.

Chains	North Bet. Secs. 1 & 6 Va. 16° 15' E.
34.50	Wash drains N.E.
40.00	Set Limestone 30×16×6 ins. 20 ins. in the ground, for 1/4 Sec. Cor. marked 1/4 on W. face, dug regulation pits and raised mound of earth alongside
47.00	Wash drains N.E.
80.00	Set quartzite 20×20×20 ins. 14 ins. in the ground, for Cor. to Tps. 26 & 27 S. Rs. 17 & 18 W. marked 6, notches on each edge, dug regulation pits, and raised mound of earth alongside.

Land Sage Brush Valley
Soil 1st rate.

3d Auxiliary Guide Meridian West

Chains

Dense Sage Brush
undergrowth
Nov. 27th 1882.

Note:

I stop this line here, because, after running the exterior lying between the 2d ~~Guide~~ and 3d Guide meridians West, I will have completed my contract.

The manual of May 3d 1881, page 36, states that the country should be run off in tracts of 24 miles square, but as the

standard lines, in this part of the Territory are all run and established at a distance of five townships, or 30 miles apart, the U. S. Surveyor General has specially instructed me to Establish the Auxiliary Guide meridians 24 miles apart, (when the nature of the country will permit) and between the standard lines heretofore Established. This explains why I have not run a standard West from the 2d Guide, between Tps.

26 & 27 S.

General Description.

For General description of the Tp's lying east of this line, see end of the field notes of the exteriors of those Tp's respectively.

The townships joining this line on the west all lie mostly in the mountains.

T. C. Bailey
U. S. Dep. Sur.

BOO

U. S. SURVEYO

Salt Lake

The forego

Auxill

Township No. 3

Executed by

Under

day of Oc

Nove

amined. the nec

the said field

hereby approved

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Jan. 25th *1883*

The foregoing field notes of the survey of the 3rd Auxilliary Guide Meridian

Township No. 30, 29, 28, 27 *Range No.* 17 & 18 W

Executed by T. C. Bailey

Under Bro No 114 *contract of the* 20th

day of October *188*2 *in the month of*

November *188*2, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

F. M. Salomon

U. S. Surveyor General for Utah.

BOOK-A-193

From S. L. M.

ORT: 1883

188

ined by O. E. Salomon

scribed by

pared by Salomon and Campe

FIELD NOTES

OF THE SURVEY OF THE

Auxilliary Guide Meridian

West. H through

OF

nship No 34. 33. 32. & 31 S.

ges No 17 & 18 W.

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

T. C. Bailey

U. S. Deputy Surveyor,

Under his Contract No. 114

ted October 20th 1882

rvey commenced Nov. 14th 1882

rvey completed Nov. 15th 1882

193-4

BOOK-A-193

Township 34 South R. 18 West

6	5	4	3	2	1	44
7	8	9	10	11	12	43
18	17	16	15	14	13	41
19	20	21	22	23	24	40
30	29	28	27	26	25	39
31	32	33	34	35	36	38

3d Guide Meridian West
34 S. bet. Rs 17 & 18 W. S. L. M.

Survey commenced Nov. 14th 1882, with a Burt's improved solar compass, which I tested on the meridian obtained from an observation on the star Polaris last night, and found it correct. I find the observed Latitude to be. 37°49' 12" North.

From the cor. to Tps. 34 & 35 S. R. 17 & 18 W, which is a Granite stone 16 x 8 x 8 ins. with pits & mound, I run A North bet. Secs. 31 & 36

Var. 15°15' E.

00 Deposited a marked stone 12 ins. in the ground for

3d Auxiliary Guide Meridian

chains	
	for 1/4 sec. cor. made the regulation pits & raised mound of earth over it. In N. Pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. face.
80.00	Set Granite 20×15×15 14 ins. in the ground for cor. to secs. 25.30.31 & 36. marked 5 notches on N. & 1 on S. Edges & made regulation mound and pits as directed in the Manual of May 1881.
	Land Escalante Valley Soil 1st rate.
	Dense Sage brush & Grease wood undergrowth —

BOOK-A-1

in T. 34 S.

chains	
	No
38.25	Au
	wo
40.00	Dep
	and
	the
	Aug
	raise
	over
	dro
	2 in
	1/4 S.
80.00	set
	12 in
	gro
	19.24
	note
	Edge
	ation

in T. 34 S. bet. R. 17 & 18 W. S. L. M.

chains	North bet. secs. 25 & 30 Var. 16° E.
38.25	Antelope & Desert springs road E & W.
40.00	Deposited a charred stake and pebbles 12 ins. in the ground for 1/4 sec. cor. Dug regulation pits & raised mound of earth over it; In N. pit I drove a stake 2 ft. long 2 ins. square marked 1/4 S. on W. face.
80.00	set trachyte stone 18 x 14 x 12 ins. 12 ins. in the ground for cor. to secs. 19. 24. 25 & 30, marked 4 notches on N. & 2 on S. Edges, and made regulation mound & pits as

3d Auxiliary Guide Meridian We

chains	directed in the manne of May 3d 1881. Land level Escalante Vall soil 1st rate. Dense sage brush & Grass wood undergrowth No timber
	North bet. secs. 19 & 24. Var. 16° E.
40.00	Deposited marked ston 12 ins. in the ground 1/4 sec. cor. dug regul pits, & raised mound o earth over it – In N. p drove stake 2 ft. long 2 square, 12 ins. in the g Marked 1/4 S. on N. face

BOOK-A-193

T. 34 S. Bet. R. 17 & 18 W. S. L. M.

set Granite 24 x 15 x 10 ins
18 ins. in the ground
for cor. to secs. 13, 18, 19 &
24, marked 3 notches
on N. & S. edges, and
made regulation mound
and pits as directed
in the manual of May
3d 1881.
Land level Escalante Valley,
Soil 1st rate.
Dense sage, and grass=
wood undergrowth.
No timber.

—"—

North bet. secs. 13 & 18
Var. 16° E.
00 Small wash drains N.
10 " " " "

3d Auxiliary Guide meridian W

40.00	Deposited charred stak 12 ins. in the ground for 1/4 sec. cor. dug regulation pits & raised mound of earth over In N. pit drove stak 2 ft. long 2 ins. square 12 ins. in the ground Marked 1/4 S. on W. face
80.00	Set Granite 15 x 12 x 10 in 10 ins. in the ground for cor. to secs. 7, 12, 13 & 18, marked 2 notches on N. & 4 on S. Edges & Mad regulation mound & pits as directed in the Manual of May 3d 1881. Land level Escalante Valle soil 1st rate. Dense Sage & greasewood

BOOK-A-19

T. 34 S

chains	un
	Nor
40.00	Dep x cha in c sec. pits of e N. p ft. l ~~Mark~~ grou on W.
80.00	Set 10 ins

T. 34 S. R. 17 & 18 W. S. L. M.

chains	undergrowth.
	No timber.
	— " —
	North bet. secs. 7 & 12
	Var. 16° E.
10.00	Deposited marked stone & charred stake, 12 ins. in the ground for 1/4 sec. cor: deep regulation pits & raised mound of earth over it. In A. pit drove stake 2 ft. long 2 ins. Square ~~marked~~ 12 ins. in the ground, marked 1/4 S. on W. face.
20.00	Set Granite 15 x 12 x 10 ins, 10 ins. in the ground,

3d Auxiliary Guide Meridian

chains	for cor. to secs. 1.6.7 marked 1 notch on & 5 on S. Edges, an made regulation m and pits as direc in the Manual of M 3d 1881, Land level Escalante Soil 1st rate. Dense sage & greasewo under growth —
	North bet. secs. 1 & 6 var. 16° E.
40.00	Deposited charred 12 ins. in the ground ¼ sec. cor. Dug the regulation pits, & raised

BOOK-A-193

T. 34 S. bet. R. 17 & 18 W. S. L. M.

mound of earth over it.
In N. pit drove stake
2 ft. long 2 ins. square
12 ins. in the ground
Marked 1/4 S. on W. face.
set Granite 20 x 17 x 12 ins.
14 ins. in the ground for
cor. to Tps. 33 & 34 S. R. 17
& 18 W. Marked 6 notches
on N. E. W & S. Edges, and
made the regulation
pits and mound as
directed in the Manual
of May 3d 1881.
Land level Escalante Valley.
Soil 1st rate.
Dense sage & greasewood
undergrowth

— " —

3d Auxiliary Guide Meridian

Chains	
	Arch bet. Secs. 31 & 36
	Var. 16° E.
40.00	set Granite 18x10x8 in
	12 ins. in the ground
	for 1/4 sec. cor. marked
	1/4 on N. face, and
	made regulation mound
	and pits.
46.50	Pioche Road bears N.E. & S.W.
80.00	set Granite 20x15x10 in
	14 ins. in the ground for
	cor. to secs. 25, 30, 31 & 36
	Marked 5 notches on N.
	& 1 on S. Edges; and made
	regulation mound & pits
	Land level Escalante Valley
	Soil 1st rate.
	Dense Sage & greasewood
	undergrowth —

BOOK-A-193

Township 13 South R. 18 West

6	5	4	3	2	1	51
7	8	9	10	11	12	50
18	17	16	15	14	13	49
19	20	21	22	23	24	48
30	29	28	27	26	25	47
31	32	33	34	35	36	46

3d Auxiliary Guide Meridian Wes

chains	North bet. secs. 19 & 24
	Var. 16° E.
20.00	Wash drains SE.
26.00	" " "
40.00	Set Trachyte stone 20×14 ins. 14 ins. in the gro for 1/4 sec. cor. Marked on W. face & raised a m of stone alongside.
41.50	Wash drains SE.
79.00	" " "
80.00	Set trachyte 15×12×8 in 10 ins. in the ground fo cor. to secs. ~~7.12~~ 13.18.19 & 2 Marked 3 notches on N. S. Edges & raised mom of stone alongside. Land gentle SE. slope soil rocky - 2d rate. Dense sage & greasewo

BOOK-A-193 49

T. 33 S. R. 17 & 18 W. S. L. M.

is under growth.

"

North bet. Secs. 13 & 18
Var. 16° E.
Wash drains S.E.
Hollow " "
Set trachyte 18 x 12 x 10 ins.
12 ins. in the ground for 1/4
sec. cor. marked 1/4 on N. face
& raised mound of stone
alongside
Set Trachyte stone 30 x 15 x 7
ins. 20 ins. in the ground
for cor. to secs. 7, 12, 13 & 18
marked 7 & 2 notches on N.
& 4 on S. Edges & raised a
mound of stone alongside.
Land gentle East slope.

3d Auxiliary Guide Meridian N.

Chains	
	Soil rocky 2d rate. Dense sage, & greasewood undergrowth.
	North bet. sec. 7 & 12 Var. 16° E.
40.00	Set Trachyte stone 15 x 10 x 8 ins. 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. face & raised mound of stone alongside.
50.00	Ridge bears SE & NW, & leave valley & ascend mountains.
60.00	Ravine drains SE.
75.75	" " "
80.00	Set Granite 36 x 12 x 12

BOOK-A-193

in T. 33 S. R. 17 & 18 W. S. L. M.

chains | ins. 20 ins. in the ground for cor. to secs. 1. 6. 7 & 12, marked 1 notch on N. & 5 on S. Edges & raised mound of stone alongside.
Land Valley & Mountains, soil rocky - 2d rate.
Dense sage brush undergrowth on 80 chs.

North bet. secs. 1 & 6
Var. 16° E.

15.00 SW. point of spur. Enter timber.

35.00 Ravine drains SW. and ascend steep mountain.

40.00 Set trachyte 24 x 15 x 12 ins,

3d Auxiliary Guide Meridian

chains	18 ins. in rocky slide for 1/4. sec. cor. mark 1/4 on W. face & raise a mound of stone alongside, from which A Cedar 6 ins. dia. brs. West 28 lks. dist, marked 1/4 B.T.
80.00	Set Volcanic Rock 36 20x12 ins. 20 ins in the ground for cor. to Tps. 32 & 33 S. R. 17 & 18 W, marked 6 notches on N. S. & W. Edges, and raise a mound of stone alongside, from which A Pine 10 ins. dia. brs. S 70° E. 42 lks " " 6 " " " N 75° W. 45 " Both trees marked with a proper T. R. & Sec, as dir

BOOK-A-193

T. 33 S. bet. Rs 17 & 18 W. S. L. M.

cted in the manual of
May 3d 1881.
Land mountainous,
soil rocky - 3d rate.
Timber cedar & pinion on
65 chs.

Nov. 14th 1882

— " —

3d Auxiliary Guide Meridian We

Nov. 15th 1882.

chains	North bet. Secs. 31 & 36 Var. 16° E.
	Ascend.
20.00	Top of Mountain bears N & S W. Descend.
40.00	Set Trachyte stone 14×10 × 8 ins. & 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised mound of stone alongside.
58.50	Ravine drains N.
80.00	Set Trachyte stone 16×10× 8 ins. 10 ins. in the ground for cor. to secs. 25, 30, 31 & 36, marked 5 notches on N. & 1 on S. Edges & raised mound of stone alongside. Land Mountainous —

st.

chains

26.80

40.00

58.6

80.0

BOOK A-193

Township 32 South *R.* 18 West

6	5	4	3	2	1	60
7	8	9	10	11	12	59
18	17	16	15	14	13	57
19	20	21	22	23	24	56
30	29	28	27	26	25	55
31	32	33	34	35	36	54

st. in T32S. bet. R17 & 18W.

chains	Soil rocky - 2d rate. Timber scattering cedar & piñon.
	— " —
	North bet Secs. 25 & 30 Var. 16° E.
26.80	Ridge bears NE & SW.
40.00	Set Trachyte stone 15 x 13 x 8 ins. 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. face & raised a mound of stone alongside.
58.60	Wash drains NE
80.00	Set Trachyte stone 18 x 9 x 9 ins. 12 ins. in the ground for cor. to secs. 19, 24, 25 & 30, marked

3d Auxiliary Meridian West,

chains

4 notches on N. & 2 on S. Edges, & raised mound of stone alongside.
Land mountainous soil rocky - 2d rate Timber, scattering cedar & Pine.

North bet. secs. 9 & 21
Var. 16° E.

30.00 Range S E.
40.00 set trachyte stone, 12 x 8 ins. 8 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. side & raised mound of stone alongside.

BOOK-A-193

T. 32 S. R. 17 & 18 W. S. L. M.

Ridge bears N & S W.
Set trachyte stone 14 x 10
x 8 ins. 9 ins. in the
ground for Cor. to secs.
13. 18. 19 & 24, marked 3
notches on N. & S. Edges
and raised a mound
of stone alongside.
Land mountainous,
Soil 2d rate —
Timber, Cedar & Pine.

North bet. Secs. 13 & 18
Var. 16° E.
Wash drains N
Set trachyte stone 15 x 10 x
9 ins. 10 ins. in the
ground for 1/4 sec. cor.

3d Auxiliary Guide Meridian West

chains	Marked 1/4 on W. face & raised mound of stone alongside.	chains
		21.10
70.00	S.E. Point of ridge.	40.00
80.00	set Trachyte stone 17x9x9 ins. 10 ins. in the ground for cor. to Secs. 7, 12, 13 & 18, marked 2 notches on N. & 4 on S. Edges, & raised a mound of stone along side.	
	Land Mountainous	
	Soil 2d rate.	57.90
	Timber, Cedar & Pine.	80.00

in T. 32 S. Rs 17 & 18 W. S. L. M.

chains	North bet. secs. 7 & 12
	Var. 16° E.
21.10	Wash S E.
40.00	Set trachyte stone 12 x 11 x 10 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised mound of stone alongside from which
	A cedar 6 ins. dia. brs. East 100 lks.
	" " 6 " " " S 45° W. 80 "
	Both trees marked 1/4 S. B. T.
57.90	Ridge bears S W & N E.
80.00	Set trachyte stone 16 x 11 x 8 ins. 10 ins. in the ground for cor. to secs. 1. 6. 7 & 12, marked 1 notch on N. & 5 on S. Edges & raised a mound of

3d Auxiliary Guide Meridian N

chains

stone alongside.
Land mountainous
soil 2d rate.
Timber Cedar & Pine

North bet. Secs. 1 & 6
Var. 16° E.

12.60 Ravine drains S.E.

40.00 On mountain bears
S.W. set a Trachyte
stone 14x13x9 ins. 9 in
in the ground for
1/4 Sec. cor. marked 1/4
on N. face & raised
a mound of stone
alongside.
Descend

80.00 set trachyte stone 18

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T. 32 S. bet. Rs 17 & 18 W. S.L.M.

9 lks. 12 lks. in the ground for cor. to Tps. 31 & 32 S. R. 17 & 18 W, Marked 6 notches on N. E. S. & W. Edges, and raised mound of stone alongside. Land mountainous Soil 2d rate — Timber Cedar & Pinon.

3rd Auxiliary Guide Meridian West

chains	
	North bet. Secs. 3 1836
	Var 16° E.
28.50	Ravine draws SW.
40.00	Set Trachyte stone 14x10x 8 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised a mound of stone alongside.
~~24.00~~	~~set trachyte~~
62.40	Ridge bears SW & N.
80.00	Set trachyte stone 16x10x 9 ins. 10 ins. in the ground for cor. to secs. 25. 30. 31 & 36, marked 5 notches on N & 10 on S. Edges & raised mound of stone alongside. Land mountainous soil 2d rate.

chains

40.00

62.30

80.00

BOOK-A-193

Township 31 South R. 18 West

6	5	4	3	2	1	68
7	8	9	10	11	12	67
18	17	16	15	14	13	65
19	20	21	22	23	24	64
30	29	28	27	26	25	63
31	32	33	34	35	36	62

BOOK-A-193

No. T. 31 S. R. 17 & 18 W. S. L. M.

chains	Timber, Cedar & Pine.
	North bet. secs. 25 & 30
	Var. 16° E.
40.00	set trachyte 14 x 11 x 10 ins.
	9 ins. in the ground for
	1/4 sec. cor. marked 1/4
	on W. face & raised a
	mound of stone along
	side.
62.30	Ravine draws SW.
80.00	set trachyte stone 16 x 13
	x 11 ins. 10 ins. in the
	ground for cor. to secs.
	19, 24, 25 & 30, marked
	4 notches on N. & 2 on
	South edges & raised
	a mound of stone along side.

3d Auxiliary Guide Meridian W

chains	Land mountainous, soil 2d rate. Timber, Cedar & pine
	— " —
	North bet. secs. 19 & 24 Var. 16° E.
40.00	set trachyte stone 15 x 5 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised mound of stone alongside
49.90	Ridge bears N & S W.
75.00	Wash drains S W.
80.00	set trachyte stone 16 x 6 ins. 10 ins. in the ground for cor. to 13.18.19 & 24, marked

T. 31 S. bet. Rs 17 & 18 W. S. L. M.

ins	notches on N. & S. edges, and raised mound of stone alongside, from which
	A cedar 8 ins. dia. bears N 10 E, 110 lks. marked T. 31 S. R. 17 W. S. 18. B. T.
	Land mountainous, soil 2d rate.
	Timber, cedar & piñon.
	"
	North bet. secs. 13 & 18
	Var. 16° E.
00	Ridge bears S E & N W.
00	set trachyte stone 12 x 12 x 11 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face

3d Auxiliary Guide Meridian West

chains and raised mound
of stone alongside.

80.00 Set trachyte stone 16x9
x8 ins. 16 ins. in the
ground for cor. to secs.
7, 12, 13 & 18, marked 2
notches on E. & 4 on S.
Edges & raised mound
of stone alongside.
Land mountainous,
Soil 2d rate.
Timber, cedar & pine —

19.2
4.00

51.0
80.0

BOOK-A-193

in T. 31 S. bet. Rs 17 & 18 W. S. L. M.

North bet. Secs. 7 & 12
Var. 16° E.

19.20 Ravine drains N.

40.00 Set trachyle stone 14 x 10 x 9 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised mound of stone alongside.

51.00 Ridge bears NW & NE.

80.00 Set trachyle stone 16 x 11 x 8 ins. 10 ins. in the ground for cor. to secs. 1, 6, 7 & 12, marked 1 notch on N. & 6 on S. Edges, and raised a mound of stone along=side.

Land mountainous, soil 2d rate.

3d Auxiliary Guide Meridian West

chains	Timber, cedars & piñon.
	North bet. secs. 1 & 6
	Var. 16° E.
14.80	Wash drains SE.
40.00	set trachyte stone 15 x 11 x 11 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, & raised a mound of stone alongside.
45.00	Ridge bears NW & SE.
112.56	Intersect 6th standard Parallel S. 3.96 chs. E. of the re-established standard cor. to Tp 30 S. R. 17 & 18 W, where I set a trachyte stone 16 x 11

Meas. on T. 31 S. bet. R. 17 & 18 W. S. L. M.

x10 lks. 10 lks. in the ground for ~~cor~~ standard closing cor. to T. 31 S. R. 17 & 18 W, marked C.C, with 6 notches on E. S. & W. Edgls, and raised mound of stone along side.

Land Mountainous,
Soil 2d rate
Timber, Cedar & Pine.

Nov. 15th 1882.

General Description.

The line in T. 33 & 34 South lies almost wholly in Escalante Valley, where the land is nearly level and the soil rich, with plenty of white sage & grass for winter range for stock —
In T. 31 & 32 S. the land is very mountainous; the mountains are covered with cedar & pine timber, and much grass.

T. C. Bailey
U. S. Dep. Surv.

U. S. SURVEY

Salt Lak

The foreg

3rd C

Township No.

Executed by

Under

day of

amined, the ne

the said field

hereby approve

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Jan. 25th 1883

The foregoing field notes of the survey of the 3rd Auxilliary Guide Meridian West through

Township No. S 34.33.32 & 31 *Range No.* S 17 & 18 W.

Executed by F. C. Bailey

Under 114 *contract of the* 20th

day of Oct 1882, *in the month of*

Nov 1882, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A-193

REPORT: 1882.

Filed 188

Examined by O.E. Salomon & C.

Transcribed by R.R. Stevenson

Compared by Salomon and Campe

FIELD NOTES

OF THE SURVEY OF THE

North and West and Re-Survey of South and East Boundaries

OF

Township No 34 South

Range No 15 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

H. Bailey

U. S. Deputy Surveyor,

Under his Contract No. 114

Dated October 20th 1882

Survey commenced Nov. 10th 1882

Survey completed Nov. 13th 1882

193-1

BOOK A-193

Township 34 South R. 15 West

	110	109	108	107	105	104	
90	6	5	4	3	2	1	101
89	7	8	9	10	11	12	100
87	18	17	16	15	14	13	98
86	19	20	21	22	23	24	97
84	30	29	28	27	26	25	95
83	31	32	33	34	35	36	94
	81	80	78	76	75	73	

Survey S. boundary T. 34 S. R. 15 W.

Survey commenced Nov. 10th, 1882, with a Burt's improved solar compass, which I tested on the meridian obtained from an observation on the star Polaris, and found it correct,

As I am unable to fully identify the Cor. point to T. 34 & 35 S. R. 15 & 16 W, the old stone being displaced and lying loose on the ground, I run, from the assumed Cor. point, S. 89°48' E., (the bearing as given in the old notes) on a blank line along the South

BOOK-A-1

Re-survey South Boundary T. 34 S.

boundary of T. 34 S., R. 15, a distance of 5 miles 77.22 chains, and find the old cor. to T. 34 & 35 S., R. 14 & 15 W., standing, but many of the witness corners are nearly obliterated some of them entirely gone; therefore in order to re-establish these corners, and fix definitely the cor. from which to start North on the West boundary, I find it necessary to make a re-survey of this line.

Chains

40.00

T. 34 S. R. 15 W. S. L. M

Gains

From the cor. to Tps 34 & 35 S. R. 14 & 15 W. which is a Volcanic stone 16 x 12 x 10 ins. properly marked with 6 notches on N. E. S & W. Edges, I run

N. 89° 48' W. on Re-survey line, bet. Secs. 1 & 36

Var. 15° 30' E.

— The latitude by observation, being 37° 49' 12" North —

In brush.

40.00 Find old gray granite 14 x 8 x 5 ins. displaced; I re-set Same 9 ins. in the ground for re-established 1/4 Sec. Cor

Re-survey South Bounda

chains	marked 1/4 on N. face, to which I added th regulation mound and pits,
80.00	Find old Gray Gran stone 14×7×5 ins, di laced; I re-set Sam 9 ins. in the grou for re-established cor. to secs. 1.2.35 & 36, marked 5 notches on 1 on E. Edges, to whic I added the regulat mound and pits Land level Escalante Va Soil 1st rate. Dense sage, & grasewo undergrowth on 80 ch

BOOK-A-19

.34 S.

ins	N. 89°4
.00	Old
	set
	5,
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	Dogs
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T. 34 S. R. 15 W. S. L. M.

ins N. 89°48' W. on re-survey line
bet. Secs. 2 & 35
Var. 15°30' E.

00 Old stone not found = set Gray Granite 15 x 10 x 5, ins. 10 ins. in the ground for re-established 1/4 sec. cor. Marked 1/4 on N. face, the ground being frozen pits & mound are impracticable.

80 Antelope and Deseret Springs road bears NW & SE.

00 Find old Granite stone 15 x 12 x 7 ins. displaced by "Gophers" or Prairie Dogs; I re-set Same 10 ins. in the ground

Re-Survey South Bound

chains | for re-established
cor. to secs. 2, 3, 34 & 35,
Marked 2 notches on
& 4 on W. Edges; Pits &
mound impracticable
the ground being
frozen solid.
Land level Escalante valley
soil 1st rate.
Dense sage brush &
Greasewood under-
growth on 80 chas.

~~Mus t on~~
N. 89°48' W. on Re-survey
bet. secs. 3 & 34
Var. 15°30' E.

40.00 No trace of old cor. I

BOOK-A-193

T. 34 S.

chains | set
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T. 34 S. R. 15 W. S. L. M.

ins set a charred cedar post 3 ft. long 3 ins. square 12 ins. in the ground for re-established 1/4 Sec. Cor. marked 1/4 S. on N. face dug regulation pits & raised mound of earth around the post.

7.30 Small sand hill N. & S.

0.00 Found old granite stone 19 x 10 x 6 ins. displaced; Re-set same 11 ins. in the ground for re-established cor. to Secs. 3, 4, 33 & 34, marked 3 notches on E & W. Edges. The ground being frozen the pits & mound are impenetrable —

Re-survey South Boundary

chains Land level Escalante Valley
soil 1st rate.
Dense sage brush and
Greasewood Undergrowth
80 chains

N. 89°48' W. on Re-survey line
bet. Secs. 4 & 33
Var. 15°30' E.

40.00 Old stone not found
set Granite 15 x 9 x 5
10 ins. in the ground
for re-established 1/4
sec. cor. marked 1/4 on
N. face. The ground
being frozen mound
and pits are impr-
acticable.

80.00 Find old stone partly

BOOK-A-19

T. 34 S

down
Same
Grau
10 ins
for
cor.
Mark
E. &
The
frozen
pits
Land
Soil
Dense
Grease
on

drown over — I re-set
same which is a
Granite 15×9×8 ins.
10 ins. in the ground
for re-established
cor. to secs. 4. 5. 32 & 33,
marked 4 notches on
E. & 2 on W. edges;
The ground being
frozen the mound &
pits are impracticable,
Land level Escalante Valley
Soil 1st rate.
Dense Sage brush, and
Greasewood undergrowth.
on 80 chains

"

chains	
	N. 89°48' W. on Resurvey line bet. Secs. 5 & 32 Var. 15°30' E.
40.00	Find old Granite stone 14 x 8 x 5 ins. standing properly marked for 1/4 sec. cor. The ground being frozen the mound & pits are impracticable
65.75	Trash drains S E.
71.90	Sand ridge bears N W & S E
75.80	Ravine drains S E.
80.00	Old stone not found. Set Granite 16 x 11 x 7 ins 10 ins. in the ground for re-established cor. to Secs. 5, 6, 31 & 32, marked 5 notches on E & 1 on W. Edges; Ground being frozen the making

chains	
	of ... I fi... Sau... so... Du... Gr... on...
	N. 8...
20.50	En...
24.00	Le...
40.00	Ol... Set... 3 ft... 12... Re... fo... 1/4...

chains	of mound and pits I find impracticable, Sand level Escalante Valley soil 1st rate. Dense Sage brush and Greasewood Undergrowth. on 80 chs.
	"
	N. 89°48' W. on Re-survey line bet. Secs. 6 & 31 Var. 15°30' E.
20.50	Enter Sand ridges N. & S.
24.00	Leave " " "
40.00	Old stone not found= Set charred cedar post 3 ft. long, 3 ins. Square 12 ins. in the ground for Re-established 1/4 sec. cor. marked 1/4 S. on N. face; the

Re-Survey S. Bdy. T. 34 S. R. 15 W.

chains.	ground being frozen, the making of the mound & pits I find impracticable.
77.22	Find old Granite 20 x 10 x 8 ins. displaced: I re-set Same 14 ins. in the ground for re-established cor. to Tps. 34 & 35 S. Rs 15 & 16 W.: The ground being frozen, but Sandy I manage to make the mound & pits the best I can. Land level Escalante Valley soil 1st rate. Dense Sage brush and Greasewood Undergrowth. — End of re-Survey —

BOOK-A-193

Test Bou

chains.	Nor
8.75	Ante Road
0.00	set 3 ft. 14 in for 1/4 S. mg race earth
80.00	set pos & gr gr set Ma for

West Boundary T. 34 S. R. 15 W.

Chains.	
	North bet. Secs. 31 & 36
	Var. 15°30' E.
8.75	Antelope & Desert Springs
	Road bears E & W.
10.00	set charred cedar post
	3 ft. long, 3 ins. square
	12 ins. in the ground
	for 1/4 sec. cor. marked
	1/4 S. on W. face, dug
	regulation pits &
	raised mound of
	earth around post.
80.00	set charred cedar
	post 4 ft. long 4 ins.
	square 12 ins. in the
	ground for cor. to
	secs. 25, 30, 31 & 36,
	marked with the
	proper T. R. & sec.

West Boundary T. 34 S. R. 15

chains	
	with 5 notches on N & 1 on S. Edges; dug regulation ~~mon~~ pits & raised mound of Earth around post. Land level Valley soil 1st rate. Dense Sage brush and Greasewood Undergrowth on 80 chains.
	North bet. Secs. 25 & 30 Var. 15° 30' E
40.00	set charred cedar post 3 ft. long 3 ins. Square 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S W on face; dug regulation pits & raised

BOOK-A-19

T. 34 S. R. 15 W. S. L. M.

chains	mound of earth around post
0.00	set charred cedar post 4 ft. long, 4 ins. square 12 ins. in the ground per cor. to sec. 19, 24, 25 & 30, marked with the proper T. R. & sec. & 4 notches on N. & 2 on S. edges; dug pits as per regulations, and raised mound of earth around post. Land level valley soil red rate. Dense sagebrush and Greasewood Undergrowth. on 80 chains

West Boundary T. 34 S. R. 15 W.

chains	North bet. secs. 19 & 24 Var. 15°30' E.
40.00	Set charred cedar post 3 ft. long 3 ins. square 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on W. face; dug regulation pits and raised mound of earth around post.
80.00	Set charred cedar post 4 ft. long, 4 ins. square 12 ins. in the ground for cor. to secs. 13, 18, 19 & 24, marked with the proper T. R. & secs. on the four faces, and 3 notches on N. & S. Edges dug regulation pits from which I raised

BOOK-A-1

BOOK-A-193

S. R. 15 W. S. L. M.

ains	a mound of earth around post. Land level valley soil 1st rate. Dense Sage brush and Greasewood Undergrowth. and some grass. on 80 chs.
	North bet. secs. 13 & 18 var. 15°30' E.
40.00	set charred post 3 ft, long. 3 ins. sqr. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on W. face, dug regulation pits and raised a mound of earth around post.

West Boundary T. 34 S.

80.00 set charred post 4 ft. long, 4 ins. sqr, 12 ins. in the ground for cor. to secs. 7, 12, 13 & 18, marked with the proper T. R. & secs. on the pur faces, & 2 notches on N & 4 on S. Edges; dug regulation pits & raised a mound of earth around post.
Land level. Valley soil 1st rate.
Dense Sage brush and Greasewood Undergrowth
N. 80 chains

BOOK-A-1

R. 15

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34 S. R. 15 W. S.L.M.

North bet. Secs. 7 & 12
Var. 15°30' E.

40.00 Set charred post 3 ft. long 3 bris. square, 12 ins. in the ground for 1/4 sec. cor. Marked 1/4 S. M.W. face; dug regulation pits & raised mound of earth around the post.

80.00 Set charred post 4 ft. long 4 ris. square, 12 ins. in the ground for cor. to secs. 1, 6, 7 & 12, marked with the proper T. R. & Secs, and 1 notch on N. & S. Edges; dug regulation pits and raised mound of earth around post.

West Boundary T. 34 S. R. 15 W.

chains	
	Land level Valley soil 1st rate. Dense Sage brush and Greasewood Undergrowth. on 80 chains.
	"
	North bet. Secs 1 & 6 Var. 15° 30' E.
40.00	Set Granite 15 x 10 x 8 ins 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face dug the regulation pits and raised mound of earth alongside.
80.00	Set Red Sandstone 16 x 12 x 8 ins 10 ins. in the ground for cor. to Tps. 33 & 34 S. R. 15 & 16 W. marked 6 notches on N. E. S & W. Edges; dug the

BOOK-A-1

chains	
	regu... raise... along... the... 1881, La... Den... Gre...

Chains

regulation pits, and raised mound of earth alongside, as directed in the manual of May 3d 1881.

Land level Valley Soil 1st rate.

Dense Sage brush and Greasewood Undergrowth.

Nov. 10th 1882

— " —

Nov. 11th 1882,
From the cor. to Tps.
33 & 34 S. R. 15 & 16 W. I
run east on a rand-
om line between said
townships, the variation
of my compass being
15°30' E, I set tempor-
ary cors. at every 40 &
80 chains, and at 5
miles 77 chains & 22
links, (the length of the
line on the south boundary)
I make search for the
old cor. to T. 33 & 34 S.
R. 14 & 15 W, but fail
to find it; I set temp. cor.
I now, from the same
point, run a blank
line north bet. Ranges

T. 34 S. R. 15 W. S. L. M.

14 & 15 W. and at 5 miles 77 chains & 50 links, I find the old cor. to T. 34 & 35 S. R. 14 & 15 W, standing 37 links E. of my line — This being the first cor. which I could find and identify, therefore in order to fix the cor. to T. 33 & 34 S. R. 14 & 15 W, with which to make my closing of the random line on the north side of the Tp, I find it necessary to make a Re-Survey of this range line —

Nov. 11th 1882.

Re-Survey East Boundary T. 34 S. R. 15

Chains	
	Nov. 13th 1882.
	From cor. to Tp. 34 & S.R. 14 & 15 W, which is a Volcanic Rock 16 x 12 x 10 ins, with mound of stone, properly marked I saw
	Arch on re-survey line bet. Secs. 31 & 36
	Var. 15° 30' E.
40.00	Fail to find old stone-set Granite 16 x 8 x 5 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face: dug regulation pits & raised mound of earth alongside.
80.00	Find old Granite stone 21, 9 x 4 ins. displaced: Re-set same 15 ins in

East Bou

Chains	
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40.00	Fo
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Chains | the ground for re-established cor. to secs. 25, 30. 31 & 36, marked 5 notches on N. & 1 on S. Edges, dug regulation pits & raised mound of Earth alongside.
Land level Valley soil 1st rate.
Dense Sage brush and Greasewood undergrowth.
n 80 chs.

—— " ——

North on re-survey line
bet. secs. 25 & 30
Var. 15° 30' E.

40.50 Fixed old Granite 14 x 19 x 4 ins. standing for 1/4 sec. cor. prop. by marked

Re-survey East Boundary

chains	
	to which I add pits & mound as directed in the Manual of May 3d/8
80.00	Find old granite stone 19 x 9 x 7 ins. displaced by "Prairie Dogs". I re-set Same 12 ins. in the ground for re-established cor. to secs. 19, 24, 25 & 30, Marked 4 notches on N. & 2 on S. Edges, to which I added the regulation mound and pits. Land level. Soil 1st rate. Dense Sage brush and Greasewood underground, and some grass. N. chains

T. 34 S

chains	Nor
40.00	Fu 12 x "go I re the ab Mo to ch au
80.00	Fo sto up I in re to

chains	North on Re-survey line bet. Secs. 19 & 24 Var. 15°30' E
40.00	Find old Granite stone 12 x 11 x 7 ins, dug up by "gophers" or Prairie Dogs, Re-set Same 8 ins. in the ground for re-established 1/4 sec. cor. marked 1/4 on W. face, to which I added the regulation mound and pits.
80.00	Find old Granite stone 16 x 8 x 6 ins. dug up by "Gophers" — Re-set Same 10 ins. in the ground for re-established cor. to secs. 4, 3, 18, 19 & 24.

Re-Survey East Boundary

chains with the old marks
thereon; to which
added the regula
mound and pits
Land level Valley
soil 1st rate.
Dense Sagebrush an
Greasewood Undergrow
Same Grass. n 80 c

North on re-survey lin
bet. Secs. 13 & 18
Var: 15° 30' E.

40.00 Find old granite sta
15 x 12 x 5 ins. standin
for 1/4 sec. cor. with
old marks thereon;
which I add the

BOOK-A-193

T. 34 S

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with
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regulation pits and
mound.
Find old Granite stone
displaced; I re-set
same which is a
Granite 15×8×6 ins.
10 ins. in the ground
for re-established
cor. to secs. 7, 12, 13 & 18,
with the old marks
thereon; to which I
add the regulation
pits and mound.
Land level Prairie
soil 1st rate.
Dense sage brush and
Greasewood Undergrowth.
Some dry grass.
on 80 chains,

Re-Survey East Boundary

Chains	North on Re-survey line bet. secs. 7 & 12 Var. 15°30' E.
20.25	Top of Sand Ridge bears NW & SE.
40.00	Find old granite stone 16 x 10 x 5 ins. standing for 1/4 sec. cor. with the old marks thereon, to which I add the regulation mound and pits.
53.50	Sand ridge bears NW & SE.
80.00	Find old Red Granite stone 19 x 10 x 6 ins, dug up by "Gophers" - I re-set Same 12 ins. in the ground for re-established cor. to secs. 1, 6, 7 & 12,

BOOK-A-1

T. 34 S

Chains	
	wit the ad M La S De Gr a
	N
40.00	F st 13 in es

T. 34 S., R. 15 W., S.L.M.

Chains

with the old marks
thereon, to which I
add the regulation
mound and pits.
Land level valley
soil 1st rate.
Dense sage brush and
Greasewood undergrowth,
and some grass on such

Arch on Re-survey line
bet. Secs. 1 & 6
Var. 15° 30' E.

40.00 Fail to find the old
stone — set a Granite
15 x 12 x 7 ins. 10 ins.
in the ground, for re=
established 1/4 sec. cor.

chains	Marked 1/4 on W. face to which I add the regulation mound pits.
53.30	Enter ~~clay~~ clay flat water mentioned in old notes has dried up.
80.00	Find the old cor. viz: red grav 20×11×6 ins, displaced & nearly covered up — re-set same 14 ins. in the ground for re-established cor. to Tp 33 & 34 S. R. 14 & 15 W. with the old marks thereon to which I add the regulation mound pits.
	Land level valley.

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T. 34 S., R. 15 W., S. L. M.

soil 1st rate & 2d rate.
Dense undergrowth of
Sagebrush & Greasewood.
Same grass, on 80 chs.
— End of re-survey —

" "

From the alone cor,
the temporary cor. set
in running the Random
line for the north
boundary of this Tp,
bears S. 2.50 chains,
and meas 3 links,
which makes the
length of the ran=
dom line 5 miles 77
chains & 69 links, and
the falling 2.50 chs
south — The correction

chains for the true line will therefore be 2.41 chs. West, and 41 2/3 lks. N. per mile, & the course S. 89°42' W.

From the re-established cor. to Secs. 33 & 34 S.R. 14 & 15 W, above discribed, I run S. 89°42' W. on true line bet. Secs. 1 & 36

Var. 15°30' E.

40.00 Set charred post, 3 ft. long 3 ins. square 12 ins. in the ground for 1/4 sec. cor. Marked, 1/4 S on W. face — ground frozen — pits & mound impracticable —

80.00 Set Trachyte 12 x 8 x 6 ins.

chains 8

40.00

chains | 8 ins. in the ground for cor. to secs. 1.2.35 & 36, marked 1 notch on E. & 5 on W. Edges, ~~on~~ Ground frozen - pits & mound impr= acticable.
Land level valley
Soil sandy - 1st rate.
Dense sage brush and Shadscale undergrowth.
in 80 chs.

S. 89°42' W. on true line
bet. secs. 2 & 35
Var. 15°30' E.

40.00 set Granite 14 x 7 x 4 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4

North Boundary of

chains	on N. face; Ground frozen - pits & mom impracticable. -
8000	Set Granite 19x7x uis. 12 uis. in the ground for cor. to se 2, 3. 34 & 35, marked 2 notches on E. & 4 N. Edges; ground frozen - pits impr acticable.
	Land level Valley Soil Sandy. 1st rat
	Dense shadscale and Sage brush underground

BOOK-A-

34 S. R

uis	S. 89
00	set long in Sec. c N. fa pits of e 3 ft. Post set 14 ui for 34, on E ngu raise along

34 S. R. 15 W. S. L. M.

S. 89° 42' W. on true line
bet. Secs. 3 & 34.
Var. 15° 30' E.

set charred post 3 ft. long, 3 ins. square, 12 ins. in the ground for 1/4 Sec. cor. marked 1/4 S. on ct. face; dug regulation pits & raised mound of earth 1 1/2 ft. high, 3 ft. base, around the Post.

set Granite 20 x 7 x 5 ins. 14 ins. in the ground for cor. to secs. 3, 4, 33 & 34, marked 3 notches on E & W. Edges; dug regulation pits and raised mound of earth alongside.

North boundary

chains	
	Land level Valley Soil 1st rate. Sandy, Dense Sage, and Rabbit brush undergrowth.
	S. 89°42' W. on true line bet. secs. 4 & 33 Var. 15°30' E.
40.00	Set Granite 12 x 7 x 6 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; dug pits regulation size, and raised mound of earth alongside.
80.00	Set Granite 13 x 7 x 6 ins. 8 ins. in the ground for cor. to secs. 4, 5.

BOOK-

P. 3

chains

40.00

T. 34 S. R. 15 W. S. L. M.

Chains	32 & 33, marked 4 notches on E. & 2 on W. Edges; dug pits regulation size, and raised a mound of earth alongside. Land level Valley Soil Sandy loam; 1st rate, Dense Shadscale & sage brush underground.
	S. 89° 42' W. on true line bet. Secs. 5 & 32 Var. 15° 30' E.
40.00	Set Granite stone 13 x x 6 x 6 ins. 9 ins. in the ground for 1/4 sec. cor. marked

North boundary T. 34 S.

chains	1/4 on N. face: dug the regulation pits, and raised mound of earth around post.
80.00	Set Granite 18×8×6 ins. 12 ins. in the ground for cor. to secs. 5. 6. 31 & 32, marked 5 notches on E & 1 on W. Edges; dug the Regulation pits & raised mound of Earth alongside. Land Level — Soil 1st rate. Dense sage brush and Greasewood on 80 chains. No timber.
	S. 89° 42' W. on true line bet. secs. 6 & 31 Var. 15° 30' E.
40.00	Set charred cedar post 3 ft. long 3 ins square, 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on N. face; dug pits regulation size, & raised mound of earth ~~along side~~ around post.
× 77.59	The cor. to Tps. 33 & 34 S. R. 15 & 16 W, Land level.
	Soil 1st rate.
	Dense sage brush & Greasewood under growth on 77.59 chs.
	No timber.
	Nov. 13th 1882

T. 34 S. R. 15 W. S. L. M.

General Description.

The land in this township is all level, lying in Escalante Valley, generally designated & known as "Escalante Desert" but I claim this to be a misnomer, as the land is nearly all of 1st rate quality, with a great deal of white sage & grass for grazing. I am told that water can be obtained in wells from 12 to 18 ft. deep.

F. C. Bailey U. S. Deputy.

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Jan. 25th *1883*

The foregoing field notes of the survey of the North and West and Reserves of the south & East Bdys.

Township No. 34 S. *Range No.* 15 W.

Executed by L. C. Bailey

Under 114 *contract of the* 20 *day of* Oct *1882, in the month of* Nov *1882, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A-193

From G. L. O.

PORT: 1883.

d 188

mined by O E Salomon

nscribed by

pared by Salomon and Lamyer

FIELD NOTES

OF THE RE SURVEY OF THE

South and Survey of the North & West Boundaries

OF

nship No 34 S.

ge No 16 W

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

T. C. Bailey

U. S. Deputy Surveyor,

Under his Contract No. 114

ed October 20th 1882

vey commenced Nov. 14th 1882

vey completed Nov. 15th 188

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Township 34 South R. 16 West

	144	142	140	139	137	136	
133	6	5	4	3	2	1	133
131	7	8	9	10	11	12	131
130	18	17	16	15	14	13	130
128	19	20	21	22	23	24	128
126	30	29	28	27	26	25	126
125	31	32	33	34	35	36	125
	121	119	118	116	114	113	

BOOK-A-193

Re-Survey

South Boundary T. 34 S. R. 16 W.

Chains. Survey commenced Nov. 14th 1882, with a Burt's improved solar compass —
The observed latitude being 37° 49' 12" N.

Having run a blank line West from the cor. to T. 34 & 35 S. R. 15 & 16 W., I find many of the old corners gone or nearly obliterated, therefore in order to re-establish the corners, and definitely locate & fix with certainty, the cor. to T. 34 & 35 S. R. 16 & 17 West, from which to start the west boundary

Re-Survey South Boundary T. 34 S. R.

chains

I find it necessary to make a re-survey of this line as follows:

8.00

From the cor. to Sec. 34 & 35 S. R. 15 W 16 W, re-established by me on this survey, I run on the original course N. 89° 58' W. on Re-survey line bet. Secs. 1 & 36

Var. 15° 30' E.

40.00 Find old charred cedar post lying on the ground. I re-set same 3 ft. long 3 ins. square, 12 ins. in the ground for re-established 1/4 sec. cor. marked 1/4 S. on E. face; I mound two pits and mound

S. R. 16 W. S. L. M.

8000 Fired the old Volcanic stone 16×8×5 ins. standing for cor. to secs. 1. 2, 35 & 36, with old notches thereon; to which I add the regulation pits and raised mound of earth alongside.
Land level Valley
Soil 1st rate.
Dense Sage brush and Greasewood undergrowth on 80 chs.
No timber

N. 89°58' W. on R-survey line
bet. secs. 2 & 35
Var. 15°30' E

Re-Survey South Boundary Tp. 34 S.

		Chains
40.00	Found the old charred cedar post 3 ft. long 3 ins square, lying loose — I re-set the same 12 ins. in the ground for re-established 1/4 sec. cor. marked 1/4 S. ant. fuse. I renew two of the old pits, and rebuild the mound of earth around post.	
80.00	Old stone not found — I set Granite 18 x 8 x 6 ins 12 ins. in the ground for re-established cor to Secs. 2. 3. 34 & 35, marked 2 notches on E. & 4 on W. edges to which I add the regulation mound and pits as directed	8.64
		40.00

R.

Chains in the Manual of May 3d 1881.
Land level Valley soil 1st rate.
Dense Sagebrush and Greasewood Undergrowth on 80 chs.
No timber.

—— " ——

N. 89°58' W. on Re = Survey line bet. Secs. 3 & 34,
Var. 15° 30' E.

8.64 Sand Ridge bears N E & S W,
40.00 Fixed the old charred cedar post 3 feet long 3 ins. sqr. displaced = I re = set same 12 ins. in the ground for re = established ¼ sec.

Re-Survey South Boundary

chains	
	cor. marked 1/4 S. on N. face = I renew two of the old pits and raise mound of earth around the post.
80.00	Find old Granite stone 18×9×8 ins. standing for the cor. to secs. 3.4, 33 & 34, with the original notches thereon to which I add the regulation pits and raise a mound of earth along side.
	Land level Valley Soil 1st rate.
	Dense Sage brush and Greasewood on 80 chs.
	No timber

BOOK-

T. 3

chains	
14.85	
40.00	
80.00	

T. 31 S. R. 16 W. S. L. M

Chains	
	N 89°58' W. on Re = Survey line bet. secs. 4 & 33 Var. 15°30' E.
14.85	Sand ridge bears NW & SE.
40.00	Find old charred cedar post 3 ft. long 3 ins. sqr. displaced = Re = set same 12 ins. in the ground for re = established 1/4 sec. cor. marked 1/4 S on N. face; the pits and mound being obliterated I renew the same with two pits, and raise a mound of earth around the post.
80.00	Fail to find the old stone = I set a Granite 18 x 9 x 6 ins. 12 ins. in

Re-Survey South Boundary

the ground for re-established cor. to secs. 4, 5. 32 & 33, marked 4 notches on E. & 2 on W. edges; dug the regulation pits and raised mound of earth along side.

Land level Valley

Soil 1st rate.

Dense Sage brush and Greasewood on 80 chs.

No timber

—"—

N. 89°58' W. on Re-survey line bet. secs. 5 & 32

Var. 15°30' E.

15.27 Sand hill bears N & S.

T. 34

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T. 34 S. R. 16 W. S. L. M

40.00 Old post not found = I set charred cedar post 3 ft. long, 3 ins. sqr. 12 ins. in the ground for re-established 1/4 sec. cor. marked 1/4 S on N. face; the old pits and mound being obliterated I renew the same with two pits & mound of earth around post.

80.00 Find the old Granite stone 18 x 10 x 5 ins. displaced — I re-set the same for re-established cor. to secs. 5, 6, 31 & 32, with the original notches thereon, to which I add the regulation

Re-Survey South Boundary

chains pits, and raise a mound of earth along side.

Land level Valley Soil 1st rate.

Dense sage brush and Greasewood undergrowth on 80 chs.

No timber.

— " —

N. 89°58' W. on Re-Survey line bet. Secs. 6 & 31

Var. 15°30' E.

40.00 Find the old charred cedar post 3 ft. long 3 ins. square, displaced, I re-set same 12 ins. in the ground for

BOOK-A-1

T. 34

chains

78.73

T. 34 S. R. 16 W. S. L. M

chains	re-established 1/4 sec. cor. marked 1/4 S. on N. face; I renew two of the old pits & raise mound of earth around past.
78.73	Find the old Granite stone 24 x 12 x 9 ins. dug up by "Gophers" or Prairie Dogs - I re-set Same 18 ins. in the ground for re-established cor. to T. 34 & 35 S. R. 16 & 17 W. with the old six notches on all four edges, to which I add the regulation pits and raise a mound of earth alongside

South Bd. Tp. 34 S. R. 16 W. S. L. M.

Land level Escala
Valley
Soil 1st rate.
Dense Greasewood
sagebrush undergrow
on 78.73 chs.
No. timber

"

BOOK-A-193

West Boundary
T. 34 S. R. 16 W - S.L.M.

Survey commenced Nov. 14th 1882 with a Burt's improved Solar Compass

Before commencing this Survey I take an observation and find the latitude to be 37°-49'-12" North.

From the corner to Tps. 34 + 35 S. Rs. 16 + 17 W. which is a granite 24x12x9 ins. firmly set in the ground without mound or pits which I found.

I run

West Boundary

Chains	North Bet. Secs. 31 & 36 Va 16°.00' E.
40.00	Deposited marked stone 1 ins. in the ground for 1/4 Sec. Cor., Dug pits 18×18× ins. N & S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove a stake 2 ft. long 2 ins. square, 12 ins. in the ground, marked 1/4 S. on N. face
69.75	Road from Antelope Springs to Desert Springs bears E. & W.
?	
80.00	Set granite 30×30×6 ins. 1 ins. in the ground, for Cor. to Secs. 25, 30, 31 & 36, marked 1 notch on S. & 5 notches

T. 34 S. R. 16 W. - S.L.M.

drains	on N. edges, dug pits 18 × 18 × 12 ins. in each Sec. 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base alongside.
	Land Escalante ~~Desert~~ Valley Soil 1st rate - sandy, dense sage brush undergrowth
	North bet. Secs. 25 & 30 Va 16°.00' E
8.50	Small wash drains N.E.
9.96	Preliminary line California Central Rail road bears S. 87°.54' W. at a point 11 lks. W. of stake No. 5990.

West Boundary

Chains	
40.00	Set granite 13×10×10 ins. 8 ins. in the ground, for 1/4 Sec Cor, marked 1/4 on W. face, dug pits 18×18×12 ins. N & S. of stone 5½ ft. dist, and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
44.00	Small wash drains S & E.
47.40	" " " "
54.25	" " " "
60.40	" " " "
80.00	Set granite 15×15×8 ins. 10 ins. in the ground, for Cor. to Secs. 19, 24, 25 & 30, marked 2 notches on S. & 4 on N. edges, dug pits 18×18×12 ins. in each Sec. 5½ ft. dist, and raised a mound

P. 34 S. R. 16 W. S. L. M.

chains	of earth 2 ft. high, 4½ ft. base alongside.
	Land Escalante ~~Desert~~ Valley
	Soil 1st rate - sandy dense sage brush undergrowth.
	North Bet. Secs 19 & 24 Va 16°00' E.
0.00	Deposit Marked stone 12 ins. in the ground, for 1/4 Sec. Cor. dug pits 18×18×12 ins. N.&S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. square, 12 ins. in

West Boundary

Chains	the ground marked 1/4 S. on W. face -
80.00	Set Limestone 17×12×7 ins - 11 ins. in the ground, for cor. to Secs. 13, 18, 19 & 24, marked 3 notches on N. & S. edges dug pits 18×18×12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base alongside.
	Land Escalante ~~Desert~~ valley Soil 1st rate - sandy Dense sage brush undergrowth
	North Bet. Secs. 13 & 18 Va 16°.00' E

BOOK-A-193

T. 34 S. R. 16 W. S. L. M.

Chains	
40.00	Reported Marked stone 12 ins. in the ground, for 1/4 Sec. Cor, dug pits 18×18×12 ins. N. & S. of stone 5½ ft. dist, and raised a mound of earth 1½ ft. high, 3½ ft. base over it. In N. pit drove a stake 2 ft. long 2 ins. square, 12 ins. in the ground, marked 1/4 S on W. face
80.00	Set limestone 10×10×8 ins. 10 ins. in the ground, for Cor. to Secs. 7, 12, 13 & 18, marked 4 notches on S. & 2 on N. Edges, dug pits 18×18×12 ins. in each Sec. 5½ ft. dist, and raised a mound of earth 2 ft. high 4½ ft.

West Boundary

Chains	base alongside.
	Land Escalante ~~Desert~~ Valley
	Soil 1st rate - sandy
	Dense sage brush
	undergrowth
	North bet. Secs. 7 & 12
	Va 16°00' E.
40.00	Deposited marked stone, 12 ins. in the ground, for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. N.&S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. square, 12 ins. in the ground, marked

6 BO

Chains

45.50

8000

BOOK-A-193

T. 34 S. R. 16 W. S. L. M.

Chains	1/4 S. on W. face,
45.50	Wash drains S.E.
8000	Set Limestone 12×12×9 ins. 8 ins. in the ground, for Cor. to Secs. 1, 6, 7 & 12, marked 5 notches on S. & 1 notch on N. edges, dug pits 18×18×12 ins. in each Sec. 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base alongside.
×	Land Escalante ~~Desert~~ Valley
	Soil 1st rate. sandy
	Dense sage brush
	Undergrowth

West Boundary

Chains	North Bet. Secs. 1 & 6 Va 16°00' E
40.00	Deposited marked stone 12 ins. in the ground, for 1/4 Sec Cor. dug pits 18×18×12 ins. N.O.S. of stone 5½ ft. dist, and raised a mound of earth 1½ ft. high, 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
80.00	Set. granite 15×7×6 ins – 10 ins in the ground, for Cor. Tps. 33+34 S. Rs. 16+17 W. Marked 6 notches on N. S. E. & W. edges dug pits 24×18×12 ins. lengthwise on each line

134

T. 34 S. R. 16 W. S. L. M.

Chains N. S. E & W. of stone 6 ft. dist., raised a mound of earth 2½ ft. high 5 ft. base accurately.

Land Escalante ~~Desert~~ valley

Soil 1st rate - sandy

Dense sage brush & greasewood undergrowth

Nov. 14th 1882.

North Boundary
T. 34 S. R. 16 W. - S. L. M.

Nov. 15th 1882.

Chains From the Cor. to Tps. 33 & 34 S. Rs. 16 & 17 W., I run E. on a random line, between said townships, the variation of my compass being 16°.00' E, I set temporary half-mile and mile corners at each 40 and 80 chains, and find the township line to be 5 miles 78 chains 13 link long, and the falling to be 270 lks. S. of the Cor. to Tps. 33 & 34 S. Rs. 15 & 16 W. The correction for the true line will therefore be .45 lks. N per mile, and 1.87 chs. W. per mile, and its course will be N. 89°.41' W.

T. 34 S. R. 16 W. - S. L. M.

From the Cor. to Tps. 33 + 34 S. Rs. 15 + 16 W. set by me during this survey

I run

N 89°41' W. on a true line

Bet. Secs. 1 + 36.

Va 16°00' E

Trail bears N & S.

Set post 3 ft. long, 3 ins. square with marked stone 12 ins in the ground, for 1/4 Sec. Cor. marked 1/4 S. on N. face, dug pits 18 × 18 × 12 ins. E & W. of post. 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.

Set Limestone 18 × 12 × 10 ins. 12 ins. in the ground, for

North Boundary

Chains | Cor. to Secs. 1, 2, 35 & 36 marked 1 notch on E. 5 notches on W. edges. dug pits 18×18×12 ins. in each Sec. 5½ ft. dist, and raised a mound of earth 2 ft. high 4½ ft. base alongside —

Land Escalante ~~Desert~~ valley
Soil 1st rate — Sandy
Dense sage brush
undergrowth

N. 89°41' W. on a true line
Bet. Secs. 2 & 35
Va 16°00' E

40.00 Set cedar post. 3 ft. long

BOOK-A-193

T. 34 S. R. 16 W. - S. L. M.

3 ins. square, mtl charred stick, 12 ins in the ground for 1/4 Sec. Cor, marked 1/4 S. on N. face, dug pits 18×18×12 ins. E. & W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high 3½ ft. base around post.

8000 Set Limestone 12×10×8 ins. 8 ins. in the ground for Cor. to Secs. 3, 4, 33 + 34, marked 2 notches on E. & N. on W. edges, dug pits 18×18×12 ins. in each Sec. 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base along ridge

Land Escalante ~~Desert~~ Valley

North Boundary

Chains Soil 1st rate - Sandy
Dense Sage brush
undergrowth

N. 89° 41' W. on a true li
Bet. Secs. 3 + 34
16.00 c

40.00 Set Cedar post, 3 ft. lon
3 ins. square, with mar
stone, 12 ins. in the gro
for 1/4 sec. cor, marke
1/4 S. on N. face deep
18 x 18 x 12 ins. E. & W. of po
5 1/2 ft. dist., and raise
a mound of earth
1 1/2 ft. high, 3 1/2 ft. base
around post

140

T. 34 S. R. 16 W = S. L. M.

Set Red Quartzite 14×13×5 ins. 10 ins. in the ground for Cor. to Secs. 3, 4, 33 & 34, marked 3 notches on E. & W. edges dug pits 18×18×12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside -

Land Escalante ~~Desert~~ Valley
Soil 1st rate - Sandy
Verse sage & Greasewood
underbrush

N 89°41' W on a true line
Bet. Secs. 4 & 33
Pa 16.00 C

Deposited charred stake 12

North Boundary

Chains ins in the ground, for 1/4 Sec. Cor, dug pits 18×18, 12 ins. E & W. of stake 5 1/2 ft. dist, and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit set stake 2 ft long 2 ins. square, 12 ins in the ground, marked 1/4 S. on N. face.

80.00 Set Limestone 12×10×5 ins 8 ins. in the ground, for Cor to Secs. 4, 5, 32 & 33, marked ⅌ notches on E & 2 on W. edges, dug pits 18×18 12 ins in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside

BOOK-A-193

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BOOK-A-193

T. 34 S. R. 16 W – S. L. M.

Land Escalante ~~Desert~~ Valley
Soil 1st rate – sandy
Dense sage brush &
greasewood underbrush

N 89°41' W. on a true line
Bet. Secs. 5 & 32.
Va 16°00' E

Deposited charred stake 12 ins. in the ground for 1/4 sec cor, dug pits 18×18×12 ins. E & W. of stake 5½ ft. dist., and raised a mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins square 12 ins. in the ground

North Boundary

Chains	
	Marked 14 S. on N. face
65.13	Small wash drains N.
80.00	Deposited marked stone
	12 ins. in the ground, for
	Cor. to Secs. 5, 6, 31 & 32, dug
	pits 18 x 18 x 12 ins. in each
	Sec. 5½ ft. dist. and pile
	of a mound of earth
	2 ft. high 4½ ft. base
	over it
	In S.E. pit drove a stake
	2 ft. long, 2 ins. square, 12
	ins. in the ground marked
	T. 33 S. S. 32 on N.E.
	R. 16 W. S. 5 on S.E.
	S. 31 on N.W. and
	S. 6 on S.W. with 5 notches
	on E. and 1 notch on W.
	edges.

BOOK-A-193

T. 34 S. R. 16 W. - S. L. M.

[illegible]	N. 89°.41' W. on a true line Bet. Secs. 6 & 31
	Va 16°.00' E.
40.00	Deposited charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E & W. of stake 5½ ft. dist., and raised a mound of earth 1½ ft. high 3½ ft. base over it.
	In E. pit drove a stake 2 ft. long 2 ins. square, 12 ins. in the ground, marked 1/4 S. on N. face.
8.13	The Cor. to Tps. 33 & 34 S. Rs. 16 & 17 W.
	Sand Escalante ~~Desert~~ valley
	Sail 1st rate sandy
	Dense sage brush
	Undergrowth

145

~~North~~ Boundary

General Description

The land embraced in this township is level Escalante Valley. The soil is first rate sandy loam.

Nov. 15th 1882. T. C. Bailey
U.S. Dep. Surveyor

BOOK

U. S. SURVEY

Salt Lake

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Township No.

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hereby approved.

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Jan. 25th 1883

The foregoing field notes of the Re *survey of the* South and Survey of the North & West Bd.

Township No. 3 & 4 S. *Range No.* 16 W

Executed by T. C. Bailey

Under his *contract of the* 20th

day of October *1882, in the month of*

November *1882 having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Jan. 25th 1883

The foregoing field notes of the Re *survey of the* South and Survey of the North & West Bd.

Township No. 3 & 4 S. *Range No.* 16 W

Executed by T. C. Bailey

Under his *contract of the* 20th

day of October 1882, *in the month of*

November 1882 *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A-193

Township 34 South R. 17 West

156	154	152	151	149	148
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

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BOOK-A-193

North Boundary 146
T. 34 S. R. 17 W. S.L.M.

Survey commenced Nov. 16th 1882 with a Burt's improved solar compass

Before commencing this survey I take an observation, and find the latitude to be 37°.54'.24" North.

From the cor. to Tps. 33 & 34 S. Rs. 17 & 18 W. on the 3rd auxiliary Guide Meridian West. I run east on a random line between said townships, the variation of my compass being 16°.00 E. - I set

North Boundary

Chains temporary half mile & mile corners at each and 80 chains, and find the township line to be 6 miles - 2 chains 70 links long, and the falling to be 2.64 chs. North. of the Cor. to Tps. 33 & 34 S. Rs. 16 & 17 W. The correction for the true line will therefore be 47 1/3 lks. S. and 2.70 chs. E. per mile, and its course will be N. 89°.40' W.

From the Cor. to Tps. 33 & 34 S. Rs. 16 & 17 W. set by me during this survey

I mu.

BOOK-A-193

T. 3

Chains N. 89°
Bet.
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5.00 Set
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BOOK-A-193

T. 34 S. R. 17 W. S.L.M.

N. 89°40' W. on a true line
Bet. Secs. 1 & 36.
Va 16°.00' E.

Deposited charred stake 12 ins. in the ground, for 1/4 sec. Cor. dug pits 18×18×12 ins. E & W. of stake 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it.
In E. pit drove stake 21 ft. long 2 ins. square, 12 ins. deep, marked 1/4 S. on N. face

Small wash drains N.E.
Set granite 16×10×10 ins. 10 ins. in the ground, for Cor. to Secs. 1, 2, 35 & 36, marked 1 notch on E. & 5 notches on

North Boundary

Chains	W. edges, dug pits, 18 × 18 × 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside	Chains
	Land Escalante Valley Desert	
	Soil 1st rate - sandy	
	Dense sage brush under growth on 80.00 chs -	75.00
		80.00
	N. 89° 40' W. on a true line Bet Secs. 2 & 35.	
	Va 16° 00' E.	
27.50	Small wash drains S.	
40.00	Deposited charred stick. 12 ins. in the ground, for 1/4 Sec. Cor. dug pits 18 × 18 × 12 ins. E. & W. of stick 5½ ft.	

BOOK-A-193

150

T. 34 S. R. 17 W. S. L. M.

chain dist, and raised a mound of earth 1½ ft. high 3½ ft. base over it. In E. pit I drove a stake 2 ft. long 2 ins square, 12 ins. in the ground, marked 1/4 S. on N. face

75.00 Low sand hills bear N.E. & S.W.

80.00 Deposited marked stone, 12 ins in the ground, for cor. to secs. 2, 3, 34 & 35, dug pits 18 x 18 x 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit drove a stake 2 ft. long 2 ins. square, 12 ins. in the ground, marked T. 33 S. R. 17 W. on N.E. S. 2 on S.E.

North Boundary

Chains | S. 3 on S.W. and S 33 on N.W. faces with 2 notches on E. & 4 notches on W. edges | Chains 80.00

Land Excalante Desert
Soil 1st rate. sandy
Dense sage brush
undergrowth on 80.00 ch.

N 89°40' W. on a true line
Bet. Secs. 3 & 34
Vn 16°00' E.

40.00 Deposited charred stick 12 ins. in the ground, for 1/4 sec. Cor. dug pits 18 & 18 & 12 ins. E. & W. of stick 5½ ft. dist. and raised a

BOOK-A-193

T. 34 S. R. 17 W. S. L. M.

chains

80.00

mound of earth 1½ ft. high 3½ ft. base over it. Set granite 12×10×10 ins. 8 ins. in the ground for Cor. to Secs. 3, 4, 33 + 34 marked 3 notches on E. & W. edges, dug pits 18×18×12 ins. in each Sec. 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base over it.

Land Excalante Desert

Soil 1st rate - sandy

Dense sage brush under-growth on 80.00 chs

N. 89°40' W. on a true line bet. Secs. 4 + 33

Va 16.00 E.

North Boundary

Chains		Chains
40.00	Deposited charred stick 12 ins. in the ground, for 1/4 sec. Cor., dug pits 18 x 18 x 12 ins. E & W. of stick 5½ ft. dist, and raised a mound of earth 1½ ft. high, 3½ ft. base over it. In E pit drove stake 2 ft. long 2 ins. square, 12 ins. in the ground, marked 1/4 S. on N. face	
80.00	Set granite 12 x 12 x 10 ins. 8 ins. in the ground, for Cor. to Secs. 4, 5, 32 & 33 marked 4 notches on E. & 2 on W. edges, dug pits 18 x 18 x 12 ins. in each Sec. 5½ ft. dist, and raised a mound of earth 2 ft. high	40.00

T-34 S. R 17 W. S. L. M.

Chains 4½ ft. base alongside.
Land Escalante ~~Desert~~ Valley
Soil 1st rate. sandy
Dense sage brush
undergrowth on 8000 chs.

N. 89°40' W. on a true line
Bet. Secs. 5 & 32
Va 16°00' E.

4000 Deposited charred stick 12
ins in the ground, for ¼ Sec.
Cor., dug pits 18 x 18 x 12 ins.
E. & W. of stick 5½ ft. dist.
and raised a mound of
earth 1½ ft. high, 3½ ft. base
over it. In E. pit drove
stake 2 ft. long 2 ins. sq. nare

North Boundary

Chains	12 ins. in the ground, mar-ed 1/43. on N. face.
80.00	Set Limestone 17×15×6 ins. 11 ins. in the ground, for Cor. to Secs. 5, 6, 31 & 32, mar-ed 5 notches on E. & 1 notch on W. edges, dug pits 18 18×12 ins. in each Sec. 5½ ft. dist., and raised a mom of earth 2 ft. high, 4½ ft. base alongside.

Land Escalante Valle
Soil 1st rate - sandy
Dense sage brush
undergrowth on 80.00 ch

BOOK-A-193

T. 34 S. R. 17 W. S. L. M.

[illegible]	N. 89°.40' W. on a true line. Bet. Secs. 6 & 31
	Va 16°.00' E.
40.00	Set Sandstone 16 x 10 x 10 ins. 10 ins. in the ground, for 1/4 Sec. Cor. Marked 1/4 on N. face, dug pits 18 x 18 x 12 ins. E. & W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside
8.2.70	the Cor. to Tps. 33 & 34 S. Rs. 17 & 18 W.

Land Escalante Valley
Soil 1st rate - sandy
Dense sage brush
undergrowth on 8000 chs
Nov. 16th 1882

137 North Boundary
T. 34 S. R. 17 W. S. L. M.

Chains General Description

The land embraced in this township is level Escalante Valley. The soil is sandy loam

F. C. Bailey
U. S. Dep. Surveyor

U. S. SURVEY

Salt Lake

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No

Township No.

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hereby approved

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Jan. 25th *1883*

The foregoing field notes of the survey of the North Boundary

Township No. 3 & 5 *Range No.* 17 W

Executed by T. C. Bailey

Under his No 114 *contract of the* 20th

day of October *188*2 *in the month of*

November *188*2, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK A-193

Re-survey

West Boundary T. 34 S. R. 18 W.

Survey commenced Nov. 18th 1882, with a Burt's improved solar compass, which I tested on the observed meridian and found it correct.

In order to establish the cor. to T. 33 & 34 S. R. 18 & 19 W, and to find the 1/4 sec. cor. bet. Sec. 7 & 12 from which to continue the line north the full six miles, I find it necessary to make a Re-survey of this line for 4.5 miles.

From the cor. to Tps. 34 & 35 S. R. 18 & 19 West,

BOOK-A 193

Township 34 South R. 18 West

	176	175	173	172	170	169
166	6	5	4	3	2	1
165	7	8	9	10	11	12
163	18	17	16	15	14	13
162	19	20	21	22	23	24
160	30	29	28	27	26	25
159	31	32	33	34	35	36

BOOK A-193

Re-survey

West Boundary T. 34 S. R. 18 W.

Survey commenced Nov. 18th 1882, with a Burt's improved solar compass, which I tested on the observed meridian and found it correct.

In order to establish the cor. to T. 33 & 34 S. R. 18 & 19 W, and to find the 1/4 sec. cor. bet. Sec. 7 & 12 from which to continue the line north the full six miles, I find it necessary to make a Re-survey of this line for 4.5 miles.

From the cor. to Tps. 34 & 35 S. R. 18 & 19 West,

Re-Survey West Boundary

chains	
	which is a Granite stone 18×12×7 ins, with pits & mound, I run North on Re-Survey line bet. Secs. 31 & 36 Var. 15°15' E.
40.00	Found the old 1/4 sec. cor. which is a marked stone deposited 12 ins in the ground, with pits and mound & stake in North pit properly marked.
50.00	Find old Granite stone 12×6×6 ins. displaced I re set Same 8 ins. in the ground for re-established Cor. to sec 25, 30, 31 & 36. with old marks thereon — I re-

BOOK-A-193

T. 34 S.

chains	
	new La S D gr
	Am
15.25	Ro
17.25	"
	Dese 54
33.00	Was
40.00	Fu 12× for old

BOOK-A-193

T. 34 S. R. 18 W. S. L. M.

chains	new the pits & mound. Land rolling Valley Soil 1st rate. Dense Artemesia under growth.
	— " —
	North on Re-survey line bet. Secs. 35 & 36 Var. 15° 15' E.
15.25	Road bears N W & S E.
17.25	" " " " " and Desert springs bears N. 54° W. about 60 chains.
33.00	Wash drains S E.
40.00	Find old Granite stone 12×8×8 ins. standing for 1/4 sec. cor. with old marks thereon, &

Re-Survey West Boundary

	a mound of stone alongside: from which a House bears S. 83° W. about 30 chs. dist. A stable bears S. 35° W, about 30 chs. dist.
59.00	small wash drains NE
69.75	Pioche Road bears NE & SW
77.25	Road bears E & W.
78.10	" " NE & SW.
80.00	Find old Granite stone 14x8x8 ins. displaced by "Gophers" I re-set same 9 ins in the ground for re-established cor. to secs. 19, 24, 25 & 30. with old notches thereon, and a mound of stone alongside. Land Rolling Valley

BOOK-A-1

T. 34 S.

ains	Soi Dun mud
	North
3.00	Holl
0.00	Fin 14x8 pr pits
5.25	Was
0.50	Holl mon Vall
0.00	On s find

BOOK-A-193 162
T. 34 S. R. 18 W. S. L. M.

rains	Soil 1st rate. Dense sage brush undergrowth.
	— " —
	North on re-survey line bet. Secs. 19 & 24 Var. 15°15' E.
3.00	Hollow drains S E.
0.00	Find old lava stone 14 x 8 x 6, ins. standing pr 1/4 sec. cor. with pits & mound.
5.25	Wash drains S E.
0.50	Hollow drains S E. — ascend mountains, and leave the valley.
0.00	On S. slope of Mt. I find the old Lava stone

Re-survey West Boundary

Chains 36×18×18 ins. standing for cor. to secs. 13 & 18. 19 & 24, properly marked, with mound of stone along side Land Valley on 60.50 chains — Balance mountainous. Soil 2d rate. Dense Sage brush undergrowth on 60.50 chs.

" "

Notch on Re-Survey line bet. Secs. 13 & 18 Var. 15° 15' E.

17.00 Hollow drains SE.

40.00 Top of Mountain E & W. &

BOOK-A

T. 34 S.

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80.00 Fu
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find the old Granite stone 40×30×8 ins. standing, properly marked for ¼ sec. cor. with stone mound alongside. Descend and enter timber.

80.00 Find old granite stone 24×8×8 ins. standing, properly marked for cor. to secs. 7, 12, 13 & 18, with mound of stone alongside. Land mountainous. Soil 2d rate. Scattering cedars on N. 40 chs.

—"—

Chains	North on Re-Survey l[illegible]
	bet. Secs. 7 & 12
	Var. 15°15' E.
40.00	Find old Granite sto[illegible]
	18×12×8 ins. displace[illegible]
	Re-set Same, 12 in[illegible]
	in the ground for
	re-established 1/4 s[illegible]
	cor. properly mark[illegible]
	1/4 on W. face, with
	stone Mound along
	side.
	End of Re-Survey
60.45	Ranging drains S. E.
80.00	Set Trachyte stone 18×[illegible]
	4 ins. 12 ins. in the
	ground for cor. to secs.
	1, 6, 7 & 12, marked 1 m[illegible]
	on N. & S on S. Edges
	raised Mound of st[illegible]

alongside.
Land Mountainous.
Soil 2d rate.
Scattering cedars.

North bet. Secs. 1 & 6
Var. 15°15' E.
Rain drains S E.
Set trachyte stone 15 x
9 x 5 ins. 10 ins. in
the ground for 1/4 sec.
cor. marked 1/4 on W.
face, and raised a
mound of stone along-
side.
Ridge bears N.W. & S.E.
Set Trachyte stone 18 x 9
x 6 ins. 12 ins. in the

ground for cor. to
Tps. 33 & 34 S. R. 18 & 19
W. marked 6 notches
on N. E. S & W. edges &
raised mound of
stone alongside.
Land Mountainous
soil 2d rate.
Scattering cedars.

"

BOOK-A-19

North Com

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18 W
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N. p
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North boundary T. 34 S. R. 18 W.

From the cor. to T. 33 & 34 S. R. 18 & 19 W. I run East on a random line, the variation of my compass being 15° 30' E.

I set temporary corners at every 40 & 80. chains and at 5 miles 78. chs. & 98 links, I intersect the east boundary 42 links South of the cor. to T. 33 & 34 S. R. 18 & 18 W. — The correction for the true line will therefore be 1.08 chs. West and 7 links N. per mile & the course S 89° 57' W.

Northbound Day T. 34 S

Chains	
	From the cor. to T. 33 & 34 S. R. 17 & 18 W. which is a granite 20×17×12 ins. with pits & mound I run.
	S. 89°57' W. on true line bet. Secs. 1 & 36 Var. 15°30' E.
40.00	Set Granite 12×10×10 in 8 ins. in the ground for ¼ sec. cor. marked ¼ on N. face & dug the regulation pits and raised a mound of ~~Stone &~~ Earth along side.
65.00	Pioche Road bears N & S W
80.00	Set Limestone 20×12×4 in 14 ins. in the ground

BOOK-A-19

R. 18

Chains	
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	Land
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	Soi
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	Shad
	—
	S. 89°
40.00	Set
	15 in
	for

BOOK-A-193

R. 18 W. S. L. M.

for cor. to Secs. 1, 2, 35 & 36
marked 1 notch on E. &
5 on W. edges; dug pits
regulation size, and
raised mound of earth
alongside.
Land gently E. slope in
Escalante Valley,
Soil 1st. rate.
Dense sagebrush &
shadscale undergrowth.

S. 89°57' W. on true line
bet. Secs. 2 & 35
Var. 15°30' E.

40.00 Set Granite 22x17x12 ins.
15 ins. in the ground
for 1/4 sec. cor. marked

BOOK-A-19

North Boundary T. 3 S. R. 1

chains	1/4 on W. face; dug the regulation pits, and raised a mound of earth alongside. From which the Cabin at Eight mile springs bears N. 1° 25' E. about 3 miles and 25 chs.	chains	gm
			~~[illegible]~~ S. 89°
80.00	Set Granite 17 x 17 x 10 in 11 ins. in the ground for cor. to secs. 2. 3. 34 & 35, Marked 2 notches on E. & 4 on W. Edges; dug the regulation pits and raised mound of earth alongside Land Gentle east slope —, Soil 1st rate. Dense Sage brush under	40.00	Set ins. for 1/4 on regu raise earth
		80.00	Set ins. gom secs. 3 not

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d of
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Cabin
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hs.
7 x 10 in
mud
.34 & 35
on E.
ug
Pits
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under

Gain growth.

~~Ms~~
S. 89°57' W. on true line
bet. Secs. 3 & 34
Var. 15°20' E.

40.00 Set Granite 13 x 12 x 12 ins. 9 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. face; dug the regulation pits & raised mound of earth alongside.

80.00 Set Granite 20 x 15 x 10 ins. 14 ins. in the ground for cor. to Secs. 3. 4. 33 & 34, Marked 3 notches on E & W. edges.

North Boundary T. 34 S.

chains	
	dug the regulation pits & raised mound of earth alongside, as directed in the Manual of May 3d 1881. Land Gentle E. Slope soil 1st rate. Dense Sage brush ~~or~~ undergrowth —
	— " —
	S. 89°57' W. on true line bet. secs 4 & 33 Var. 15°20' E.
30.00	Foot of black volcanic hill — Leave Escalante valley and ascend.
39.00	Top of hill bears N. & S.
40.00	Set Trachyte stone 18 x 9 x

chains

50.00

60.00

70.00

80.00

BOOK-A-193

R. 18 N. S. L. M.

chains 6 lks. 12 lks. in the ground for 1/4 sec. Cor. marked 1/4 on N face, and raised a mound of stone alongside. Descend.

50,00 Foot of hill – Enter broad hollow trains S E.

60,00 Road A W. & S E.

70,00 Leave Hollow & ascend the mountains.

80,00 Set Trachyte stone 18 x 11 x 6 lks. 12 lks. in the ground for cor. to secs. 4, 5, 32 & 33. Marked 4 notches on E. & 2 on N. Edges, and raised a mound of stone along side.

Land E. 30 chs. Valley

North Boundary T.

chains	
	Balance of 50 chs.
	Mountainous.
	Soil 1st & 2d rate.
	No timber.
	"
	S. 89°57' W. on true line
	bet. Secs. 5 & 32
	Mr. 15°15' E.
? 20.00	Ravine drains S.E. &
40.00	Set Trachyte 15×10×9 ins. (enter timber.)
	10 ins. in the ground
	for ~~for~~ 1/4 sec. cor. marked
	1/4 on N. face, & raised
	a mound of stone
	alongside.
50.00	Knoll on line.
60.00	Ravine drains S.E.
80.00	Set Trachyte 16×12×9

chains

11.0

32.2

40.0

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34 S. R. 18 W. S. L. M

chains | ins. 10 ins. in the ground for cor. to secs. 5, 6, 31 & 32, marked 1 notch on W. & 5 on E. Edges, and raised a mound of stone along side.
Land Mountainous,
Soil, 2d rate.
Timber, cedar.

"

S. 89° 57' W. on true line bet. secs. 6 & 31
Var. 15° 15' E.

11.00 Ridge bears N. & S.
32.20 Ravine drains S.E.
40.00 set trachyte stone 20 x 9 x 6 ins. 14 ins. in the

North boundary T. 34 S. R.

Mains	ground for 1/4 sec. cor. marked 1/4 on N. face & raised mound of stone alongside.
64.25	Ridge bears SE & NW.
78.98	The cor. to T. 33 & 34 S. R. 18 & 19 W.
	Land mountainous.
	soil 2d rate.
	Scattering cedars.
	Nov. 18 1882.

"

BOOK-A-193

General Description

The North West cor. to this township lies in the mountains, on which there is some cedar timber — The balance lies in Escalante Valley — soil mostly 1st rate, with fine range for stock, there being white sage, and grass in abundance. —

T. C. Bailey
U. S. Dep. Sur.

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Jan. 25th *1883*

The foregoing field notes of the survey & Re-survey *of the* West and Survey of North Boundary

Township No. 34 S. *Range No.* 18 W.

Executed by T. C. Bailey

Under his No. 114 *contract of the* 20th

day of Oct *1882, in the month of*

Nov. *1882, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salisbury

U. S. Surveyor General for Utah.

BOOK-A-193

Resurvey of 4th Stand. Par. S. R8W.

Note. Being unable to connect on the 4th Stand. Par. S bet. Rs. 8 and 9 W in consequence of the corners being thrown down and uncertain.

I therefore deem it necessary and important that the line be resurveyed.

Survey commenced Nov. 13/82.

From the cor. to Tp. 20 S Rs. 7 and 8 W re-established by myself I run W on a true resurvey line bet Sec. 1 and 36.

Var. 16°00 E.

00 Find original post lying down, on trace remains of mound or pits. Set a chared cedar post 3 ft. long 3 ins diam 12 ins. in ground for re-established 1/4 sec. cor. marked S. 6 1/4 S on N face dug pits 18 X 18 X 12 ins E and W of stake 5 1/2 ft. distant and raised a mound of

BOOK-A-193

/29

ORT: 1884 dates wanted 1260

188

ined by John H. Campe

scribed by L. W. Hickok

ared by L. W. Hickok & E. Michaelis

FIELD NOTES

OF THE re SURVEY OF THE

4th Standard Parallel South

OF

ship No

e No 8 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart Jr

U. S. Deputy Surveyor,

Under his Contract No. 111

ed September 7th 1882

ey commenced [illegible] 1882

ey completed Nov 13th 1882

V

BOOK-A-193

Township 20 South R. 8 West

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
186	185	183	182	180	179

Resurvey 4th. Stand

chs.	
	earth 1½ ft. high 3½ ft. b[illegible] around post
80.00	Find no trace of mound o[illegible] pits old post is lying on surface, set a chared ceder post 4 ft. long 4 ins. square 12 ins in ground for re-established cor. to secs. 35 and [illegible] marked S. C. T 20 S R 8 W o[illegible] N. S 36 on E and S 35 on W faces, with 1 notch on E x 5 on W ~~faces~~. dug pits 18 x 18 [illegible] 12 ins. N x E x W of post 5½ ft. dist. and raised a mou[illegible] of earth 2 ft. high 4½ ft. base around post.
	Land level.
	Soil 1st. rate.
	No timber.

W on a true resurvey line ~~bet. secs.~~ on S boundary sec. 35. Var. 16° E.

BOOK-A-19

Parallel

[illegible].00	No tr[illegible] pits p[illegible] set a c[illegible] 3 ft. [illegible] 12 ins. re-est[illegible] marke[illegible] dug pl[illegible] W of st[illegible] mound[illegible] 3½ ft. post.
[illegible].00	Enter[illegible] course[illegible]
[illegible].00	No t[illegible] or othe[illegible] be fou[illegible] lying [illegible] chared [illegible] 4 ins. sq[illegible] ground [illegible] standard cor. to [illegible] marked [illegible] and 4 o[illegible] 18 X 18 X 12 [illegible]

Parallel South Range 8 W.

No trace of ~~old~~ mound or pits post lying on ground, set a chared ceder post 3 ft. long 3 ins. diam. 12 ins. in ground, for re-established 1/4 sec. cor. marked S 6. 1/4 S on N face dug pits 18X18X12 ins. E and W of stake and raised a mound of earth 1½ ft. high 3½ ft. ~~high~~ base around post.

Enter greasewood brush course E and W.

No trace of mound or pits or other evidence of a cor. to be found except a post lying on the ground. Set a chared ceder post 4 ft. long 4 ins. square 12 ins in ground for re-established standard cor. to sec's. 34 and 35. marked with 2 notches on E and 4 on W faces, dug pits 18X18X12 ins N. E and W of

Resurvey Fourth Sta

chs.	post. 5½ ft. distant and raised a mound of earth 2 ft. high 4½ ft. base around post. Land level Soil 1st. rate. Undergrowth, greasewood brush on 20.00 chs.
	W on a true resurvey line ~~On~~ S boundary sec. 34. Var. 16° E.
40.00	No trace of cor. set chared post 4 ft. long 4 ins. diam. 12 ins. in ground for re-established ¼ sec. cor. marked ¼ S. On N face. dug pits 18 X 18 ins. E and W of cor. 5½ ft. dis and raised a mound of earth and stone 1½ ft. high 3½ ft base around post.
80.00	Find no cor. set chared post 4 ft. long 4 ins square 12 ins in ground for re-established standard cor. to

BOOK-A-19

Paral

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S 34 o
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BOOK-A-193

Parallel South R. 8 W. S.L.M.

33 and 34 marked S.C.
T. 20 S. R. 8 W on N
S 34 on E and
S 33 on W faces with 3
notches on E and W faces
dug pits 18 X 18 X 12 ins. N. E
and W of post 5½ ft. dist
and raised a mound of
earth 2 ft. high 4½ ft.
base around post.
Land level.
Soil 1st rate
Undergrowth grease wood
brush on 8000 chs.

W on a true resurvey line on
S boundary Sec. 33
Var. 16° E.
Dry bed of Beaver River
200 lks wide drains N.
The water comes down this
channel late in the fall
usually and runs in winter
and spring.

BOOK-A-193

Resurvey Fourth Stand. Par. South

chs.	
40.00	Find no cor. set chared ce post 3 ft. long 3 ins diam. 12 in in ground for re-established standard 1/4 sec. cor. marked S C. 1/4 S on N face dug pits 18X18X12 ins E and W of cor. 5½ ft. dist. and raised a mo of earth 1½ ft. high 3½ ft. base around post.
80.00	No cor. to be found, set chared cedar post 4 ft. long 4 ins. square, 12 ins. ~~square~~ ground for re-established standard cor. to sec's. 3 and 33 marked. S C. T 20 S R. 8 W on N S 33 on E and S 32 on W faces with 4 notches on E and 2 on W faces. dug pits 18X18X12 N. E and W of cor 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft. base around post
	Land nearly level Soil 1st. rate.

Under
on 80

West on
on S

Road
Deseret
S 20° W.
U. C. R
N 20° E
Search
could
chared
3 ins. a
ground
cor. m
N face
E and
and ra
earth 1½
base ar
Find
surface.

Par. South R. 8 W. S. L. M.

Undergrowth and grease wood on 8000 chs.

West on a true resurvey line on S boundary sec. 32
Var. 16° E.

Road from Millford to Deseret course N 20° E and S 20° W.

U. C. R. R. track course N 20° E and S 20° W.

Searched diligently but could find no cor. Set a chared cedar post 3 ft. long 3 ins. diam 12 ins. in the ground for standard 1/4 sec. cor. marked S.C. 1/4 S on N face dug pits 18 X 18 X 12 ins. E and W of cor 5 1/2 ft. dist. and raised a mound of earth 1/2 ft. high 3 1/2 ft. base around post.

Find post lying on surface. set chared cedar

Resurvey 4th. Standard Parallel

Chs. post 4 ft. long 4 ins. square. 12 ins. in ground for re-established standard cor. to sec's. 31 and 32. marked. S.C. T20 S. R.8 W on N. S 32 on E. and S 31 on W faces, with 5 notches on E. and 1 on W faces, dug pits 18 X 18 X 12 ins N. E. and W cor. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base around post.

Land nearly level

Soil 1st rate.

Undergrowth grease wood on 8 000 chs.

W on a true resurvey line on S boundary sec. 31

Var. 16° East.

40.00 No trace of cor. set a black lava stone 14 X 12 X 4 ins. 9 ins in ground for re-established standard ¼ sec. cor. marked

Paralleled S R. 8 W. S. L. M.

S. C. 1/4 on N face, dug pits 18 X 18 X 12 ins. E and W of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside Old post lying near a small elevation of ground.

Set chored cedar post 4 ft. long 4 ins. square, for the re-established standard cor. to Tps. 20 S. Rs. 7 and 8 S W marked

S. C. T 20 S on N
R 8 W S 31 on E
R 9 W S 36 on W faces with 6 notches on N. E & W faces dug pits 24 X 18 X 12 ins. crosswise on each line N E and W of post 6 ft. dist. and raised a mound of earth 2½ ft. high 5½ ft. base around post.

Land level
Soil 1st rate.

Undergrowth shad scales
and greaswood on 80.00 chs
November 13. 1882.

General Description.
This line runs throug
the Beaver River bottom
The land on each sid
of the line is level; soil
1st. rate, covered with
shad scale, greasewood
and grass. good for
grazing. The U. C. R. R.
runs across the line.
The township should be
subdivided.

Andrew J. Stewart Jr.
U. S. Deputy Surveyor.

BO

U. S. SURVEYOR

Salt Lake Cit

The foregoing

4th Stand

Township No.

Executed by And

Under No. 111

day of Septe

November

mined, the necessary

he said field notes,

hereby approved.

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, August 4th *1883.*

The foregoing field notes of the re survey of the 4th Standard Parallel South

Township No. ..... *Range No.* 8 West

Executed by Andrew J. Stewart Jr

Under No. 111th *contract of the* 7th

day of September *1882, in the month of*

November *1882, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A-193 117.0

REPORT: 1884

Filed 188

Examined by John H. Camp

Transcribed by E. Salomon

Compared by E. Salomon & E. Michaelis

FIELD NOTES

OF THE re SURVEY OF THE

Guide Meridian

OF

Townships Nos 25, 24, 23, 22 and 21 South

Range No 7 & 8 west

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart, Jr.

U. S. Deputy Surveyor,

Under his Contract No. 111

Dated September 7th, 1882

Survey commenced October 21, 1882

Survey completed November 11th, 1882

BOOK-A-193

Township 24 South *R.* 8 West

6	5	4	3	2	1	1920
7	8	9	10	11	12	1937
18	17	16	15	14	13	1948
19	20	21	22	23	24	1954
30	29	28	27	26	25	1966
31	32	33	34	35	36	1975

Resurvey Guide Meridian

chs. corners being single stones and stakes, without being witnessed with mounds and pits, were thrown down and uncertain and in som places no trace to be found although diligent search wa made. I therefore deem it necessary to make a re-survey of the Guide Merid so far as connection is to be made on it. The neare and most perfect cor. which is clearly identifie with bearing trees is the cor to secs 25. 30. 31 and 36 T 23 S. btw. Rs. 7 and 8 W. and agrees with the description furnished me the Surveyor Generals office to wit a black lava stone 17 X 10 X 5 ins. from which a cedar 15 ins. diam bears. S. 67¼° E. 83 lks distant.

A cedar 12 ins diam bear

BOOK-A-193

T 23 S. bet

chs S. 52½
A ced
N 40¼
stone a
proper
to the
in the
From
south
secs. 31
black
on surf
Reset
marked
and ra
and st
re-esta
23 and
and 24
Tablishe
a true resu
Ascend
7.50 Enter s

T. 23 S. bet. R's 7 & 8 W. S. L. M.

S. 52½° W. 132 lks dist.
A cedar 5 ins diam bears.
N 40¾° W 13 lks dist, The
stone and trees are all
properly marked according
to the instructions contained
in the manual of survey.
From said corner I run
south one mile between
sec's. 31 and 36 and find a
black lava stone 23 X 12 X 5 ins.
on surface 20 lks E of line.
Reset same 17 ins. in ground
marked 6 notches on each edge
and raised a mound of earth
and stone alongside for
re-established cor. to T'ps.
23 and 24 S. R's 7 and 8 W.
From the cor. to T'ps 23
and 24 S. R's 7 and 8 W. re-es-
tablished by me I run S on
a true resurvey line bet. sec's. 1 and 6
Var. 16° 00' E.

Ascend
27.50 Enter scattering cedars course

BOOK-A-193

Township 23 South R. 8 West

	388	387	385	383	381	379	
375	6	5	4	3	2	1	213
374	7	8	9	10	11	12	212
373	18	17	16	15	14	13	210
371	19	20	21	22	23	24	209
371	30	29	28	27	26	25	207
370	31	32	33	34	35	36	206 191
	369	368	367	366	365	364	

Resurvey Guide Meridian T24

Chs.	E and W.
29.50	Wash drains N.W.
40.00	Find black lava stone 17X10X4 ins. lying on surface, but bearing trees are standing and properly marked, reset stone 12 ins in ground for re-established 1/4 sec. cor. from which a cedar 8 ins. diam. bears N 69 3/4° W 87 lks dist. A cedar 6 ins. diam bears N 78° E 154 lks dist.
45.00	Leave cedars.
80.00	Find gray lava stone 18X8X6 ins. lying on surface 30 lks W of line reset same 9 ins. in ground for re-established cor. to secs. 1. 6. 7 and 12 marked 1 notch on N and 5 on S edges and raised a mound of stone alongside. Land gently rolling and sloping N Soil 2 nd. rate Timber, cedars on 15.50 chs.

BOOK-A-193

Rs 7 and

	South
	bet.
	Ascend g
00	Top of ri
00	Bottom of
00	Find b
	ins. firm
	marked
	mound
	Pits ins
00	Find b
	ins. 40 li
00	Set ston
	in groun
	cor. to s
	marked
	and 4 on
	mound
	alongsid
	Pits ins
	Land
	Soil n
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	No tim

Rs 7 and 8 W. S. L. M.

South on a true resurvey line
bet. sec's. 7 and 12
Var. 16° E.

Ascend gently rolling ground.
.00 Top of ridge course E and W.
.00 Bottom of ravine drains N. E.
.00 Find block lava stone 17X10X8
ins. firmly set in the ground
marked 1/4 on W face, raised a
mound of stone alongside.
Pits impracticable.
.00 Find block lava stone 19X11X4
ins. 40 links E of line.
.00 Set stone described above 12 ins.
in ground for re-established
cor. to sec's. 7, 12, 13 and 18
marked with 2 notches on N
and 4 on S edges, raised a
mound of earth and stone
alongside.
Pits impracticable.
Land rolling.
Soil mixed with gravel
2nd rate.
No timber.

BOOK-A-193

Resurvey Guide Meridian T 24 S. Rs. 7 and

Chs.	
	S on a true resurvey line bet. secs. 13 and 18 Var. 16° E.
40.00	No trace of old cor. set a black lava stone 14X10X8 ins. 9 ins in ground for re-established 1/4 sec. cor. marked 1/4 on W face and raised a mound of earth and stone alongside. Pits impracticable.
64.00	Bottom of ravine drains N.
80.00	Find black lava stone 25X12 ins. lying on surface reset same 5 ins in ground for reestablished cor. to secs. 13. 18. 19 and 24 marked with 3 notches on N and S edges and raised a mound of earth and stone alongside. Pits impracticable. Land gently rolling mountain on 80.00 chs. Soil 2nd. rate Mountainous on 80.00 chs

BOOK-A-193

T. 24 S. Rs. 7 and 8 W. S. L. M.

S on a true resurvey line
bet. sec's. 19 and 24
Var. 16° E.

No trace of cor. Set a block lava stone 16 X 10 X 8 ins. 11 ins. in ground for re-established 1/4 sec. cor. marked 1/4 on W face and raised a mound of earth and stone alongside.

Pits impracticable.

Fnd black lava stone bvg on surface reset same 9 ins. in ground for reestablished cor. to sec's. 19 24, 25 and 30 marked 4 notches on N and 2 on S edges and raised a mound of earth and stone alongside.

Pits impracticable.

Land rolling mountains on 8 000 chs.

Soil 2 nd and 4th rate

Resurvey Guide Meridian T 24 S R. 7 and 8

Ch.	
	S on a true resurvey lin bet. sec's. 25 and 30 Var. 16° 00' E.
40.00	No trace of cor. Set a gray granite stone 15 X 10 X 6 ins. 10 in ground for re-establishe 1/4 sec. cor. marked 1/4 on N f and raised a mound of cor and stone alongside. Pits impracticable.
80.00	Find black lava stone 18 X 10 X 4 ins. on a ledge of lim stone reset same in a mou of stone for re-established cor. to sec's. 25. 30. 31 and 3 marked 5 notches on N and 1 on S edges and raised a mo of stone alongside. Pits impracticable Land gently rolling and rocky mountain. Soil 3rd and 4th rate. Mountainous on 80.00 ch

S on a tr bet. se

After d unable cor. set 15X10X6ins. marked 1/4 a mound alongside Pits im Trail c No trace lava ston in ground cor. to T Rs. 7 and on each mound o alongside Pits im Land g Soil 3r Undergro 80.00 ch

BOOK-A-193

T 24 S. R. 7 and 8 W. S. L. M.

S on a true resurvey line
bet. sec's. 31 and 36
Var. 16° E.
After diligent search was unable to find trace of old cor. set a black lava stone 15X10X6 ins. 10 ins. in ground marked 1/4 on W face and raised a mound of earth and stone alongside.
Pits impracticable.
Trail course S W and N. E.
No trace of cor. Set a black lava stone 16 X 12 X 8 ins. 11 ins. in ground for re-established cor. to Tps. 24 and 25 S. Rs. 7 and 8 W. marked 6 notches on each edge and raised a mound of earth and stone alongside.
Pits impracticable.
Land gently rolling mountain.
Soil 3rd and 4th rate.
Undergrowth, sage brush on 8000 chs.

OOK-A-193

Resurvey Guide Meridian T 25 Rs 8 and

Chs.	
	From the cor. to Tps. 2 and 25 S. Rs. 7 and 8 W. ju reestablished I run South on a true resurvey line bet. secs. 1 and 6. Var. 16°00' E.
40.00	Find gray sand stone 18 x 1 ins. lying on surface, reset same 11 ins. in ground f reestablished 1/4 sec. cor. marked 1/4 on W face and raised a mound of earth and stone alongside. Pits impracticable.
55.00	Enter grove of cedar timb course E and W.
80.00	I find stone lying on surf at proper distance and o line agreeing with descriptio furnished me by Sur. Gen Office to wit a red san stone 17 x 12 x 4 ins. from wh a cedar 6 ins. diam bears. S 21 3/4° W 58 lks dist. A cedar 8 ins. diam bear

N 19 3/4° ... same 1... raised a... alongside... Land... Soil... Timb... Und... on 80.00...

S on a... bet.

No trac... set a bl... ins. 11 ins... re-estab... marked ... raised a... alongsi... Pits in... Leave c... Find ... ins. lyin...

BOOK-A-193

Township 25 South R. 8 West

6	5	4	3	2	1	198,50
7	8	9	10	11	12	199,9
18	17	16	15	14	13	200,10
19	20	21	22	23	24	201,7
30	29	28	27	26	25	203,16
31	32	33	34	35	36	204,15

BOOK-A-193

Resurvey Guide Meridian T23S. Rs 7 and 8 W.

On the night of October 20, 1882, I took an observation on the star Polaris, in accordance with the instructions contained in a Manual of surveys, and drove pickets on the line thus established.

Survey commenced Oct. 21/82 with a Burts improved solar compass.

Before commencing this survey I test my compass on the line established last night and find it correct.

Resurvey of Guide Meridian between ranges 7 and 8 W. Townships. 23, 24 and 25 South

Note. In surveying the exterior boundaries of Tps. 23, 24 and 25 S R 8 W I attempted to connect on the guide meridian in a number of places, but the

R's 8 and 9 W. of L. M.

N 19 3/4° W. 46 lks dist. reset same 10 ins in ground and raised a mound of stone alongside.

Land rolling mountain
Soil 3rd & 4th rate
Timber, cedars on 25.00 chs.
Undergrowth, sage brush on 8.000 chs.

S on a true resurvey line bet. sec's. 7 and 12
Var. 16° 00' E.

No trace of cor. to be found set a black lava stone 16X12X4 ins. 11 ins. in ground for re-established 1/4 sec. cor. marked 1/4 on W face and raised a mound of stone alongside.

Pits impracticable.

Leave cedar timber.

Fried gray sand stone 17X10X6 ins. lying on surface reset

same 9 ins. in ground for reestablished cor. to secs. 7. 12. 13 and 18 marked 2 not on N and 4 on S edges and raised a mound of earth and stone alongside.

Pits impracticable.

Land rolling mountain

Soil 3rd and 4th rate.

Timber, cedars on 6 0.00 cha

Son a true resurvey line bet. secs. 13 and 18.

Var. 16° E.

20.00 Enter scattering cedar timber course E and W.

40.00 No trace of cor. set a black lava stone 16x10x8 ins 11 ins. in ground for re-established ¼ sec. cor. marked ¼ on W face and raised a mound of earth and stone alongside.

Pits impracticable.

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Rs 7 and 8

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Rs 7 and 8 N. S. L. M.

Fnd black lava stone 16X10X 8 ins. lying on surface reset same 11 ins in ground for reestablished cor. to secs. 13. 18. 19 and 24 marked 3 notches on N and S edges and raised a mound of earth and stone alongside. Pits. impracticable.

Land rolling and mountainous.

Soil 2nd and 4th rate.

Timber, scattering cedars on 60.00 chs.

Undergrowth sage brush on 80.00 chs.

South on a true resurvey line bet. secs. 19 and 24

Var. 16° 00' E.

Descend.

No trace of 1/4 sec. cor. set a black lava stone 16X10X 8 ins. 11 ins. in ground for.

Resurvey Guide Meridian T 25

Chs.	
	reestablished 1/4 sec. cor. marked 1/4 on W face and raised a mound of earth and stone alongside.
	Pits impracticable.
	Leave scattering cedars.
41.00	Bottom of hollow course S. W.
52.00	Road from Cove Creek to Antelope course N 40° E & S 40° W.
59.00	Cove Creek wash 5 feet deep drains S 40° W.
80.00	Find no trace of old cor. set black lava stone 16 X 12 X 5 ins. 11 ins. in ground for re-establish cor to secs. 19. 24. 25 & 30 marked 4 notches on N and 2 on S Edges and raised a mound of earth and stone alongside.
	Pits impracticable.
	Land rolling and rocky
	Soil 3rd and 4th rate.
	Timber scattering cedars on 40.00 chs.
	Undergrowth, sage brush on 80.00 chs.

Rs 7 and

s.	S on a bet.
00	Top of above h
00	Find 8 ins. l reset s for ree marked raised stone alo
8.00	Bottom
000	Find bl lying on in grou Cor to marked on S edg of earth
	Pits i
	Land
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R.s 7 and 8 W. S. L. M.

On a true resurvey line
bet. secs. 25 and 30
Var. 16° E.

Top of bench about 40 ft.
above hollow course E and W.
Fnd black lava stone 25X15X
8 ins. lying on the surface,
reset same 11 ins. in ground
for reestablished 1/4 sec. cor.
marked 1/4 on N face and
raised a mound of earth and
stone alongside. Pits impracticable.
Bottom of rocky ravine drains N.
Fnd block lava stone 20X12X5 ins.
lying on surface reset same 10 ins.
in ground for reestablished
cor to secs. 25. 30. 31 and 36
marked 5 notches on N and 1
on S edges and raised a mound
of earth and stone alongside.
Pits impracticable.
Land rolling and rocky.
Soil mixed with gravel
2nd rate.
Undergrowth, sage brush on 80.00 chs.

Resurvey Guide Meridian T2

Chs	South on a random resurv line bet. secs. 31 and 36. Var. 16° E.
18.00	Leave sage brush and enter white sage flat course E & W 7 chs. through it.
40.00	Find cor. a black lava st 17X8X6 ins. lying on surface reset same 11 ins. in ground for reestablished 1/4 sec. cor. marked 1/4 on W face and raised a mound of earth and stone alongside Pits impractica
72.00	Foot of bench flat course E and W.
80.00	Find black lava stone 30X13 6 ins. lying on surface, reset same 15 ins. in ground for cor. to Tps. 25 and 26 S. Rs. 7 and 8 W on 5th. Standard Parallel South marked 6 notches on each edge and ~~to~~ S.C., raised a mound of earth and stone alongside. Pits impracticable.
X	

BOOK-A-193

t. Rs. 7 and

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BOOK-A-193

W. Rs. 7 and 8 W. S. L. M.

Land rolling.
Soil 2nd and 3rd rate.
Undergrowth sage brush on 65.00 chs.
October 21st. 1882.

General Description.

This line runs over low rolling mountains, benches and flats.

The townships on each side are smooth and gradually sloping mountains and contain a great amount of cedar and nut pine timber and an abundance of rich good grasses.

U. S. Deputy Surveyor.

BOOK-A-193

Resurvey Guide Meridian T 23 bet. Rs 7 an

Chs.		
	From cor. to Tps 23 and 24 S. Rs 7 and 8 W reset by m Trem	
	North on a true resurvey li between secs. 31 and 36. Var. 16° 00' E.	00 00
40.00	Find block lava stone 18X 8X5 ins. on surface 30 lbs W line, set same on line 17 ins. in ground marked 1/4 on W face for reestablished 1/4 sec. cor.	00 9.00 00
45.00	Enter cedars course N.W. & S.E.	
80.00	Find block lava stone 17X10 5 ins. for corner to secs 25, 30, 31 and 36.	
	For further particulars se beginning of these notes	5.00
	Land gently rolling.	
	Soil mixed with clay and gravel 2nd and 3rd rate	1.00
	Timber, cedars on 35.00 ch	52.00
	Undergrowth, sage brush on 80.00 chs	9.00 00 00

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BOOK-A-193

bet. R's 7 and 8 W. S. L. M.

	North on a true reservy line bet. sec's. 25 and 36
	Var. 16° 00' E.
	To point of ridge course W.
	Leave heavy grove of cedar timber and enter scattering cedars.
	Leave scattering cedar timber course N. E. and S. W.
9.00	Foot of black lava ridge.
	Black lava stone 18X10X5 ins. firmly set in the ground and marked ¼ on W face, dug pits 18X18X12 ins N and S of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
5.00	Road from Fillmore to Frisco course N. E. & S. W.
	Foot of lava ridge course S. W. and N. E.
2.00	Wood road course S W and N. E.
9.00	Trail course N E and S W.
	Enter cedar timber.
	No trace of post or mound remains, set a black lava stone

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Resurvey Guide Meridian T23S

chs.	14X12X3 ins. 9 ins. in ground marked 2 notches on S and 4 on N edges for reestablish cor. to secs. 19. 24. 25 & 30 from which the bearings and distances of the old bearing trees agree, to wit "A cedar 18 in diam bears S 3¾° W 24 lks marked T23 S. R8 W S25 B.T.
	A cedar 10 ins. diam bears N 18½° E 22 lks dist. marked T23 S R7 W S19 B.T.
	A cedar 12 ins diam. bears N 28½° W 96 lks dist. marked T23 S R8 W S24 and dug a pit. 18X18X12 ins. in sec. 30, there being no tree to mark
	Laid rolling slopes W
	Soil 2nd and 3rd rate
	Timber cedar on
	33.00 chs

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ground
¼ sec. co
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tree, viz:
bears S
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N, 18X1
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base alo
4.00 Leave c
.00 Road c
.50 Find ol
.00 No trac
charred
4 ins. squ
ground

Rs. 7 and 8 N. S. L. M.

North on a true resurvey line
bet. secs. 19 and 24
Var. 16° 00' E.

Find old post 60 lks W of
line lying down, all trace
of mound and pits have
disappeared, reset post 3 ft.
long 3 ins. square 1½ ft in
ground for reestablished
¼ sec. cor. marked ¼ S on W
face from which old bearing
tree, viz: A cedar 6 ins. diam.
bears S 67½° W 34½ lks dist.
marked ¼ S. B. T., dug a pit
N. 18 x 18 x 12 ins. 3½ ft. dist.
from cor. and raised a mound
of earth 1½ ft. high 3½ ft.
base alongside.

Leave cedars course E & W.

Road course E and W.

Find old post on surface.

No trace of old cor. set a
charred cedar post 4 ft. long
4 ins. square 24 ins. in the
ground for reestablished

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Resurvey Guide Meridian T23 R. 7 and

chs.	cor. to sec's. 13, 18, 19 and 24. marked T23 S S 18 on N E R 7 W S 19 on S E. R 8 W S 24 on S W and S 13 on N W faces.
	dug pits 18 X 18 X 12 ins. N. S.
	E of post 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft. base around post.
	Land gently rolling, slope Soil mixed with sand and clay 2nd and 3rd. rate.
	Timber cedars on 44 ch
	N on a true resurvey line bet. sec's. 13 and 18 Var. 16° E.
40.00	Find charred cedar post firmly set in ground marked ¼ S on W face mound and pits have alm disappeared, dug pits 18 X 18 X 1

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earth 1½
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T 23 S.
R 7 W.
R 8 W
S 12 on
4 notche
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T 23 S. R. 7 and 8 W. S. L. M.

N and S of post 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base around post for reestablished ¼ sec. cor.

2.00 Old road course S.W. and N.E.

.00 No trace of cor; set charred cedar post 4 ft. long 4 ins. square 12 ins. in ground for reestablished cor. to sec's. 7, 12, 13 and 18 marked

T 23 S. S. 7 on N. E.
R 7 W. S 18 on S. E.
R 8 W S 13 on S W and
S 12 on N. W. faces with 4 notches on S and 2 on N edges, dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.

Land slopes gently N.
Soil mixed with clay
2nd rate.
No timber.

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Resurvey Guide Meridian T 23 S. et. R. 7 an

Chs.	
	North on a true resurvey line bet. sec's. 7 and 12
	Var. 16° 00' E.
40.00	No trace of cor. set charred cedar post 3 ft. long 3 ins. square 12 ins. in ground for 1/4 sec. cor. marked 1/4 S on W face for re-established 1/4 Sec cor. dug pits 18 X 18 X 12 ins. N and S of post 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 base alongside
48.75	Road course E & W.
78.75	Find old post on surface.
80.00	Set charred cedar post 4 ft long 4 ins. quare 12 ins. in ground for cor. to sec's. 1. 6. 7 and 12 marked T 23 S. S. 6 on N. E. R 7 W. S. 7 on S. E. R 8 W. S. 12 on S W and S 1 on N W faces with 5 notches on S and 1 on N edges, dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth

2 ft. hi
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Land
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23 S. R. 7 and 8 W. S. L. M.

2 ft. high 4½ ft. base around post.
Land level
Soil clay 2nd rate
No timber.

North on a true reservey line bet. secs. 1 and 6.
Var. 16°00' E.
Find old post lying 60 lks W of line, mound and pits have disappeared, set charred cedar post 3 ft. long 3 ins. square 12 ins. in ground for re-established 1/4 sec. cor. marked 1/4 S on W face, dug pits 18 X 18 X 12 ins. N and S of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
Find old post on surface reset same, to wit, a charred cedar post 4 ft. long 4 ins. square 12 ins. in ground

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Res. Guide Meridian T23S. bet. Rs 7 & 8

Chs.		
	for reestablished cor. to Tp's 22 & 23 S R 7 and 8 W marked	
	T22 SS 31 on N. E.	
	R 7 WS 6 on S. E.	
	T23 SS 1 on S W and	
	R 8 S 36 on N W faces	
	with 6 notches on each edge	.00
	dug pits 24 x 18 x 12 ins.	
	lengthwise on each line	
	N. S. E and W of post 6 ft	
	dist. and raised a mound	
	of earth 2½ ft. high	
	5 ft. base around post.	
	Land level	
	Soil mixed with clay	
	2 nd. rate	
	No timber.	
	November 9th. 1882.	.00

Res Guide Meri

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T22 S

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stake 2
12 ins.
¼ S on
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cor. to
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Guide Meridian T. 22 S bet. R's 7 & 8 W. S.L.M.

From the cor. to Tps. 22 and 23 S. R's. 7 and 8 W just re-established I run North on a resurvey line on Guide Meridian bet. ranges 7 and 8 W. through T. 22 S and bet. sec's. 31 and 36.

Var. 16°00' E.

No trace of 1/4 sec. cor. deposited a quart of charcoal 12 ins. in ground for reestablished 1/4 sec. cor. dug pits 18 x 18 x 1.- ins. N and S of post 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In N pit drove a stake 2 ft. long 2 ins. square 12 ins. in ground marked 1/4 S on W face.

Find post lying down, no trace of mound or pits reset a charred cedar post 4 ft. long 4 ins. square 12 ins. in ground for reestablished cor. to sec's. 25. 30. 31 & 36 marked

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Township 22 South *R.* 8 West

336 335 333 332 330 329

326	6	5	4	3	2	1	222
325	7	8	9	10	11	12	220
323	18	17	16	15	14	13	219
322	19	20	21	22	23	24	217
321	30	29	28	27	26	25	216
319	31	32	33	34	35	36	215

Resurvey Guide Meridian T22

chs.	T24 S.S. 30 on N.E.
	R 7 W. S 31 on S.E.
	R 8 W. S 36 on S W and
	S 25 on N W faces with
	1 notch on S and 5 on N
	edges dug pits 18x18x12 ins.
	in each sec. 5½ ft. dist a
	raised a mound of earth 2
	high 4½ ft. base around p
	Land level
	Soil 2 nd rate
	No timber.
	North on a true resurvey lin
	bet. secs. 25 and 30
	Var. 16° 00' E.
40.00	No trace of old cor., set
	charred cedar post 3 ft. lon
	3 ins. square 12 ins. in groun
	for reestablished ¼ sec. cor
	marked ¼ S on W face, dug
	pits 18x18x12 ins. N and S of
	post 5½ ft. dist. and raised
	a mound of earth 1½ ft. hig

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bet. R. 7 an

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bet. R. 7 and 8 W. S. L. M.

3½ ft. base around post.
Find original post lying by what appears to have been mound, set a charred cedar post 4 ft. long 4 ins. square 12 ins in ground for reestablished cor. to secs. 19, 24, 25 & 30 marked T 22 S S 19 on N. E.
R 7 W. S. 30 on S. E.
R 8 W S 25 on S W and S 24 on N W faces with 2 notches on S and 4 on N edges, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base around post.
Land level
Soil clay and sand
2 nd rate
No timber.

North on a true resurvey line bet. secs. 19 and 24

Resurvey Guide Meridian T22

Chs.	Var. 16°00' E.
7.00	Enter sand knolls course S.E. and N.W.
40.00	Find no trace of old cor. Set a charred cedar post 3 ft long 3 ins. diam 12 ins. in ground for reestablished 1/4 sec. cor. marked 1/4 S on N face, dug pits 18 X 18 X 12 ins. N and S of post 5½ ft. di and raised a mound of cart 1½ ft. high 3½ ft. base ar post.
76.00	Top of ridge of drifted sand
80.00	No trace of cor. Set charre cedar post 4 ft. long 4 ins. square 12 ins. in ground for reestablished cor. to secs. 13. 18. 19 and 24 marked T22 S.S. 18 on N.E. R7 W.S 19 on S.E. R8 W. S24 on S W and S13 on N.W. faces with 3 notches on N and S faces dug pits 18 X 18 X 12 ins. in.

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Rs. 7 and

s.	each se raised 2 ft. h around Land Soil, No
	North bet
.00	Leave and S
0.00	No tr charred 3 ins. for ree marked pits 18 post mound 3½ ft.
0.00	F post

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each sec. 3½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base around post.

Land rolling sand ridges
Soil, sandy 3rd rate
No timber.

North on a true resurvey line bet. secs. 13 and 18
Var. 16° E.

.00 Leave sand drift course N 80° E and S 80° W.

0.00 No trace of old cor. set charred cedar post 3 ft. long 3 ins. diam. 12 ins. in ground for reestablished ¼ sec. cor. marked ¼ S on W face, dug pits 18 x 18 x 12 ins. N and S of post 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base around post.

0.00 Find original cor. Cedar post ~~lying~~ firmly set in

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Resurvey Guide Meridian T 22 bet. R's. 8

the ground (mound and pits obliterated) for cor. to sec. 7. 12. 13 and 18 marked
T 22 S S 7 on N. E.
R 7 W. S. 18 on S. E.
R 8 W. S 13 on S W and
S 12 on N. W. faces with
4 notches on S and 2 on N
edges. dug pits 18 x 18 x 12 ins.
in each sec. 5½ ft. dist.
and raised a mound of
earth 2 ft. high 4½ ft.
base around post.

Land rolling and broken
sand knolls.

Soil sandy 3rd. rate.

Undergrowth. greasewood
on 8 000 chs.

North on a true resurvey
line bet. sec's. 7 and 12
Var. 16° 00' E.

3000 Enter white sage
4000 No trace of cor.

set ch
long 3
ground
¼ sec. co
W face,
N and
raised a
high 3
post.

No cor
charred
4 ins. sq
for re
sec's. 1. 6.
T 22 S
R 7 W.
R 8 W.
S 1 on
notches
dug pit
each se
raised a
2 ft. he
post.
Land

betw. R's. 8 and 9 W. S. L. M.

set charred cedar post 3 ft. long 3 ins. diam 12 ins. in ground for re-established ¼ sec. cor. marked ¼ S on W face, dug pits 18x18x12 ins. N and S of post 5½ ft. dist. raised a mound of earth 1½ ft. high 3½ ft. base around post.

No cor. to be found. set charred cedar post 4 ft. long 4 ins. square 12 ins. in ground for re-established cor. to secs. 1. 6. 7 and 12 marked T 22 S S 6 on N. E. R 7 W. S. 7 on S. E. R 8 W. S. 12 on S W and S 1 on N W faces with 5 notches on S and 1 on N edges dug pits 18x18x12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base around post.

Land rolling sand ridges.

OOK-A-193

Resurvey Guide Meridian T22 t. Rs. 7 and

Chs.	
	Soil sandy 3rd. rate. No timber.
	North on a true resurvey line bet. secs. 1 and 6 Var. 16° 00' E.
40.00	No trace of old cor. Set charred cedar post 3 ft. long 3 ins. diam. for re-established 1/4 sec. cor. marked 1/4 S on W face, dug pits 18 x 18 x 12 ins. N and S of cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base around post.
80.00	Post on surface, no mound or pits, Set charred cedar post 4 1/2 ft. long 4 ins. square 12 ins. in ground for reestablished cor. to Tps. 21 and 22 S Rs. 7 and 8 W marked T21S S. 31 on N E.

R 7 W
T 22
R 8 W
with 6
edge, du
24 x 18 x 12
on each
and ra
earth 2
around
Lan
Soil
No t

OOK-A-193

t. Rs. 7 and 8 W. S. L. M.

R 7 W. S 6 on S E.
T 22 S.S. 1 on S W and
R 8 W S 36 on N W faces
with 6 notches on each
edge, dug pits N, S. E & W,
24 x 18 x 12 ins. lenghwise
on each line 6 ft. dist.
and raised a mound of
earth 2½ ft. high 5 ft. base
around post.

Land rolling.
Soil sandy 3rd. rate.
No timber.

BOOK-A-193

Resurvey Guide Meridian T21 bet. R's. 7 an

Chs.	
	From the cor. to Tps 21 and 22 S R's. 7 and 8 W just reestablished by me I run N on a true resurv line bet. sec's. 31 and 36. Var. 16°00' E.
8.00	Leave sand knolls and enter clay flat course E and W
38.00	Leave white clay flat and enter sand knolls course E x W.
40.00	Failed to find trace of 1/4 sec. cor. set a charred cedar po 3 ft. long 3 ins. diam. 12 in in ground marked 1/4 S on W face for reestablished 1/4 sec. cor. dug pits 18 x 18 x 1 ins. N and S of cor. 3 1/2 f dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base around post.
80.00	Find original post on surface reset a charred cedar post 4 ft. long 4 in square 12 ins. in ground for the re-established cor.

to sec's.
T21 S
R 7 W.
R 8 W.
S 25 on
1 notch
edges, du
in each
and ro
earth 2
base ar
Land
Soil
2 nd
No t

North
bet.

00 Find
Set a
long 3
in gro
1/4 sec. c

BOOK-A-193

Township 21 South R. 8 West

239	6	5	4	3	2	1	230
238	7	8	9	10	11	12	229
237	18	17	16	15	14	13	228
236	19	20	21	22	23	24	227
234	30	29	28	27	26	25	226
233	31	32	33	34	35	36	225

bet. R's. 7 and 8 W. S. L. M.

to sec's. 25. 30. 31 & 36 marked
T21 S S. 30 on N. E.
R 7 W. S. 31 on S. E.
R 8 W. S 36 on S W and
S 25 on N W faces with
1 notch on S and 5 on N
edges, dug pits 18 X 18 X 12 ins.
in each sec. 5½ ft. dist.
and raised a mound of
earth 2 ft. high 4½ ft.
base around post.
Land level
Soil mixed with clay
2 nd rate.
No timber.

North on a true resurvey line
bet. sec's. 25 and 30
Var. 16° 00' E.
Find remains of old mound.
Set a charred post 3 ft.
long 3 ins. square 12 ins.
in ground for re-established
¼ sec. cor. marked ¼ S on W

OOK-A-193

Resurvey Guide Meridian T21 N. R. 7 W.

Chs.	
	face, dug pits 18 X 18 X 12 in. N and S of cor. 5½ ft. dist. and raised a mound earth 1½ ft. high 3½ ft. base around post.
80.00	No trace of old cor. Set charred cedar post 4 ft. 4 ins. square 12 ins. in ground for re-established cor. to secs. 19. 24. 25. and 30 marked. T21 S.S. 19 on N.E. R 7 W. S 30 on S E R 8 W S 25 on S W and S 24 on N W faces with 2 notches on S and 4 on N edges. dug pits 18X18X12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2½ ft. high 4½ ft. base around post. Land rolling. Soil sandy 3rd. rate. No timber.

North
bet.

No tra
cobble
in grou
¼ sec.
face, du
N and
and ra
earth 1
base a
0.00 Post
of mou
charred
long 4
ground
cor. to
marked
R 7
R 8
S 13
3 notch
dug pi
each

OOK-A-193

Rs. 7 and 8 W. S. L. M.

North on a true resurvey line bet. secs. 19 and 24.

Var. 16°00' E.

No trace of cor. Set a cobble stone 14 x 8 x 4 ins. 9 ins. in ground for re-established 1/4 sec. cor. marked 1/4 on W face, dug pits 18 x 18 x 12 ins. N and S of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

Post lying down, no trace of mound or pits, set charred cedar post 4 ft. long 4 ins. square, 12 ins. in ground for reestablished cor. to secs. 13. 18. 19 and 24 marked T 21 S. S. 18 on N E.

R 7 W S 19 on S. E.

R 8 W S 24 on S W and S 13 on N W faces, with 3 notches on N & S edges, dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and

Resurvey Guide Meridian T21S

chs.	raised a mound of earth 2 ft. high 4½ ft. base around post. Land rolling. Soil sandy. 3rd rate. No timber.
	North on a true resurvey li bet. secs. 13 and 18. Var. 16°00' E.
40.00	No trace of cor. Set charred cedar post 4 ft. long 4 ins. square 12 in in ground for re-establish ¼ sec. cor. marked ¼ S on W face, dug pits 18 x 18 x 12 in N and S of post 5½ ft. dis and raised a mound of earth 1½ ft. high 3½ ft. base around post.
80.00	Find charred cedar post firmly set in the ground for cor. to secs. 7. 12. 13 an 18 marked

OOK-A-193

bet. Rs. 7 an

T21S
R7W
R8W
S21 o
4 notch
N edges
in each
and ra
earth 2
base ar
Land
Soil
No t

North o
bet. s

No trace
Set cha
3 ft. lon
in grou
¼ sec. cor
face, du
stone

bet. R. 7 and 8 W. S. L. M.

T 21 S S 7 on N. E.
R 7 W S 18 on S. E.
R 8 W S 13 on S W and
S 21 on N W faces, with
4 notches on S and 2 on
N edges, dug pits 18 X 18 X 12 ins
in each sec. 5½ ft. dist.
and raised a mound of
earth 2 ft. high 4½ ft.
base around post:
Land level
Soil clay 2nd rate.
No timber.

North on a true resurvey line.
bet. sec's. 7 and 12
Var. 16° 00' E.
No trace of old cor.
Set charred cedar post
3 ft. long 3 ins. diam. 12 ins.
in ground for re-established
¼ sec. cor. marked ¼ S on W
face, dug pits N and S of
stone 5½ ft. dist. and

OOK-A-193

Resurvey Guide Meridian T 21 S ... Rs. 7 and

chs.	raised a mound of earth 1½ ft. high 3½ ft. base around post.
80.00	After diligent search, find no trace of old cor. set a cobble stone 14X10X10 ins. 8 ins in ground for re-established cor. to secs. 1. 6. 7 and 12, dug pits 18X18X12 ins. in each sec: 5½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base alongside.
	Land level
	Soil 2 nd and 3 rd. ra
	No timber.
	North on a true resurvey line bet: secs. 1 and 6.
	Var. 16° 00' E.
40.00	No trace of cor.
	Set black lava stone 15X12X 4 ins. for re-established ¼ sec. cor. marked ¼ on W face, dug pits 18X18X12 ins.

N and ...
and raise...
1½ ft. hi...
alongside...
Mound...
a cedar p...
the surfa...
I set bla...
11 ins. in g...
with 6 ...
sides du...
crosswise...
W of stone...
raised a...
2½ ft. h...
alongside...
closing c...
Rs. 7 an...
Set a...
stone m...
notches o...
T 20 S on...
R 7 W S...
R 8 W S...
reestablis...

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Ts. 7 and 8 W. S. L. M.

N and S of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

Mound and pits disappeared a cedar post and a stone on the surface near point for cor. I set black lava stone 16X10X8 ins. 11 ins. in ground marked C. C. with 6 notches on S. E & W sides, dug pits 24X18X12 ins. crosswise on each line, S. E and W of stone 6 ft. dist. and raised a mound of earth 2½ ft. high 5 ft. base alongside. for reestablished closing cor. to Tp. 21 S. Rs. 7 and 8 W.

Set a post by side of stone marked S. C. with 6 notches on N. E & W. sides and T 20 S on N
R 7 W S 31 on E and
R 8 W S 36 on W side. for reestablished Standard Cor. to

Chs.	
	Tp. 20 S. R. 7 and 8 W. Land level Soil 2nd rate No timber. Nov. 11, 1882.

General Description.

This line runs on level and gently rolling bench land.

The Tps on each side are gently rolling and contain small groves of cedar and nut pine timber, and good grass and white sage for grazing.

There are some springs of water in the hills not seen from line.

Andrew J. Stewart Jr.
U. S. Deputy Surveyor.

BOOK

S. SURVEYOR G

Salt Lake City

The foregoing f

Guid

Township No. 25 —

Executed by And

Under 111

day of Septem

Oct. & Nov.

mined, the necessary

he said field notes,

hereby approved.

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah. August 4th 1883.

The foregoing field notes of the re survey of the

Guide Meridian

Township No. 25-21 S inc *Range No.* 7 & 8 West.

Executed by Andrey J. Stewart Jr.

Under 111 *contract of the* 7th

day of September 1882, *in the month of*

Oct. & Nov. 1882, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A-193 125

EPORT: 1884

iled 188

xamined by John W. Campe

ranscribed by L. W. Hickok

ompared by L. W. Hickok & E. Michaelis,

FIELD NOTES

OF THE SURVEY OF THE

West boundary

OF

ownship No 21 South

ange No 8 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart jr

U. S. Deputy Surveyor,

Under his Contract No. 111

Dated September 7th, 1882

Survey commenced November 13 1882

Survey completed November 13, 1882

V

BOOK-A-193

West boundary T 21 S. R 8 W. S. L. M.

Survey commenced Nov. 13/82.
From the cor. to Tps.
21 and 22 S. Rgs. 8 and 9 W
established by me. I run
N bet. secs. 31 and 36.
Var. 16° 00' E.

0 Deposited a quart of charcoal
12 ins. in the ground for 1/4
sec. cor. dug pits 18 x 18 x 12 ins.
N and S of cor. 5 1/2 ft. dist.
and raised a mound of earth
1 1/2 ft. high 3 1/2 ft base
over it. In N pit drove a
stake 2 ft. long. 2 ins. square.
12 ins. in ground, marked
1/4 on W face.

0 Top of ridge about 10 ft. high
course E and W.

00 Hard pan flat course E x W

80 Leave hard pan flat course.
E x W.

00 Deposited a quart of char-
coal 12 ins. in the ground
for cor. to secs. 25. 30. 31 & 36
dug pits 18 x 18 x 12 ins. in each
sec. 5 1/2 ft. distant and

OK-A-193

West Boundary T 21 S R 8 W.

Chs.	raised a mound of earth 2 high 4½ ft. base over it. In S. E. pit drove a st 2 ft. long 2 ins. square 12 in the ground marked T 21 S. S 30 on N. E. R 8 W. S 31 on S. E. R 9 W S 36 on S W and S 25 on N W faces with notch on S and 5 notches on N edges Land level and gently rolling. Soil, loam and mixed with sand and clay 1st and 2nd rate. "No timber."
	N bet. secs. 25 & 30. Var. 16° 00' E
33.00	Road from Deseret to Milli course N E and S W.
38.00	K. C. R. R. track course S W and N. E.

Deposited
12 ins in
cor. dug pi
S of ~~line~~
and raised
1½ ft high
In N pit
long 2 ins
ground
Deposited
coal 12 in
cor. to se
dug pits
each sec.
raised a
high 4½
In S.
2 ft. long
in the g
T 21 S.
R 8 W.
R 9 W
S 24 on
notches o
edges.

T 21 S R 8 W. S L M.

Deposited a quart of charcoal 12 ins in the ground for 1/4 sec. cor. dug pits 18 X 18 X 12 ins N & S of ~~line~~ cor. 3 1/2 ft. distant and raised a mound of earth 1 1/2 ft high 3 1/2 ft base over it. In N pit drove a stake 2 ft. long 2 ins. square 12 ins in the ground marked 1/4 S on W face. Deposited a quart of charcoal 12 ins in the ground for cor. to secs 19. 24. 25 and 30 dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. distant and raised a mound of earth 2 ft. high 4 1/2 ft. base over it.

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

T 21 S. S. 19 on N E
R 8 W. S 30 on S E
R 9 W S 25 on S W and
S 24 on N W faces with 2 notches on S and 4 on N edges.

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West boundary T 21 S R 8 W.

chs. Land level and gently rol
Soil loam mixed with sa
and clay 1st and 2nd rat
Undergrowth, greasewood,
mountain rush and sh
scales on 80.00 chs.

N bet. secs. 19 and 24
Var. 16° E

10.00 Wash drains N.E.

40.00 Deposited a quart of char
12 ins. in the ground fo
1/4 sec. cor. dug pits 18 X 18 X
ins. N and S of cor. 5½ f
distant and raised a
mound of earth 1½ ft hig
3½ ft base over it. In N
drove a stake 2 ft. long 2 ins. sq
12 ins in the ground. marked 1/4
on W face.

80.00 Deposited a quart of charcoa
12 ins in ground for cor to
secs. 13. 18. 19 and 24 dug pits
18 X 18 X 12 ins in each sec. 5½
ft. distant. and raised a mo

of earth 2
over it. 3
2 ft. long.
marked
R 8 W
R 9 W
S 13 on
notches o
Lan
Soil
clay. 22

N be

Set gu
9 ins. in
marked
18 X 18 X 12
3½ ft. a
mound
3½ ft.
Wash
Deposit
12 ins in
7. 12. 13

R. 8 W. S. L. M.

of earth 2 ft. high 4½ ft base over it. In S.E. pit drove stake 2 ft. long. 2 ins. square 12 ins. in ground. marked T21 S.S. 18 on N E
R 8 W S 19 on S E
R 9 W S 24 on S W and
S 13 on N W faces with 3 notches on N & S edges
Land level.
Soil mixed with sand and clay. 2nd rate. "No timber"

N bet. secs. 13 and 18
Var. 16° 00' E

Set quartzite stone 14 X 10 X 6 ins 9 ins. in ground for ¼ sec. cor. marked ¼ on W face, dug pits 18 X 18 X 12 ins. N and S of stone 3½ ft. distant and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
Wash drains N. E.
Deposited quart of charcoal 12 ins in ground for cor. to secs. 7. 12. 13 & 18 dug pits 18 X 18 X 12 ins

West Boundary T 21 S

Chs	in each sec. 5½ ft. distant a raised a mound of earth 2 ft high 4½ ft. base over it. In S. E. pit drove a stake 2 ft. l 2 ins square 12 ins in ground marked T21 S.S. 7 on N E. R 8 W. S 18 on S E R 9 W S 13 on S W and S 12 on N W faces with 4 notches on S and 2 on N edg Land gently rolling Soil loam mixed with gravel 1st and 2nd rate. No timber.
	N bet. sec. 7 and 12 Var. 16° E.
40.00	Deposited a quart of charcoal 12 in ground for ¼ sec. cor. dug pits 18X 12 ins. N and S of cor. 5½ ft. dist. and raised a mound of earth 1½ ft high 3½ ft. base over it. In N pit drove stake 2 ft. long 2 ins. square 12 ins. in ground marked ¼ S on N face.
80.00	Set blue limestone 14X10X8 ins. 9 in

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(R. 8 W.

in ground
marked 5
dug pits 1
ft. dist. an
2 ft. high 4
Land
Soil c

N bet.
Set gray s
ground m
dug pits 18
and raised
3½ ft. bas
18 Intersect
point 2.
to Tps. 2
under pres
tersection
12 ins. in
to Tp 21 S
with 6
dug pit
each line
and raised

R. 8 W. S. L. M.

in ground for cor. to secs. 1. 6. 7 X 12 marked 5 notches on S and 1 on N edges. dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.

Land rolling

Soil clay & gravel mixed 2nd rate

N bet. secs 1 & 6. Var. 16° E.

Set gray sandstone 14 X 10 X 8 ins. 9 ins in ground marked ¼ on W face for ¼ sec. cor. dug pits 18 X 18 X 12 ins N & S of stone 5½ dist. and raised a mound of earth 1½ ft high 3½ ft. base alongside.

18 Intersect 4th Stand. Par. S at a point 2.34 chs E of the Stand. cor. to Tps. 20 S. Rs 8 & 9 W reestablished by under present contract, at point of intersection set sandstone 18 X 12 X 5 ins. 12 ins in ground for closing cor. to Tp 21 S. Rgs. 8 & 9 W. marked C.C. with 6 notches on W. and E edges dug pits 24 X 18 X 12 ins. lengthwise on each line S. E. & W of stone 6 ft. dist and raised a mound of earth 2 ft. high

4½ ft. base alongside.
Land gently rolling.
Soil mixed sand and clay 2nd
"No timber" Nov. 13" 18

General Description
The eastern portion of t
Tp is sandy, the remainder is
gently rolling land, with som
rich land alo g Beaver river
The Utah Central R.R. runs
through the western part of
the township
The township should b
subdivided

Andrew J. Stewart Jr.
U. S. Deputy Surveyor.

BOO

. S. SURVEYOR

Salt Lake Cit

The foregoing

We

Township No. 2

Executed by A

Under No. 111

day of Septe

Novem

amined, the necessar

the said field notes

hereby approved.

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, August 4th *1883.*

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

Township No. 21 S. *Range No.* 8. W. S.L.M.

Executed by Andrew J. Stewart Jr.

Under No. 111 his *contract of the* 7th

day of September *1882, in the month of*

November *1882, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Ord Salomon

U. S. Surveyor General for Utah.

21

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ORT: 1884

188

mined by J. H. Cumpe

scribed by E. Michaelis

pared by L. W. Hickok & E. Michaelis

FIELD NOTES

OF THE SURVEY OF THE

Sevier Lake

Guide Meridian

OF

nship Nos 25, 24, 23, 22 and 21 South

e No 12 and 13 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart jr.

U. S. Deputy Surveyor,

Under his Contract No. 111

ed September 7th, 1882.

vey commenced November 16th 1882.

vey completed November 19th 1882.

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Severe Lake Guide Meridian T25S

between Rs 12 and 13 W

Note,— Although the 2nd Guide Meridian west is established (by offset) on the east side of Severe Lake, I find it necessary on account of the extent N & S of said lake preventing me from making the proper closings of my survey on the west side of the lake with said meridian, I establish this Guide meridian, being a continuous line north from the 5th to the 4th Stand Cor. South between ranges 12 and 13 west through an almost level country (excepting the south 6 miles) affording me the opportunity of making a consistant return according to law and established principals.

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Severe Lake Guide ridian T2

chs.

On the night of No
I took an observation on
star polaris in accordan
with instructions containe
in the Manuel of Survey
and drove pickets on the
line thus established.

Survey commenced No
with a Burts improved solar

Before commencing th
survey I test my compass o
the line established and fi
it correct

I begin at the standa
cor. to township 25 S Rs 12
13 W, a granite stone 18X16X
ins. reestablished by me.

I run N
bet. secs. 31 and 36
Var. 16°15' E

4.00 Set granite stone 24X18X7
18 ins in a mound of stone
for 1/4 sec. cor. marked 1/4 on
W face and raised a mound
stone 1½ ft. high 3½ ft. ba
alongside. Pits impracticabl

Ascend r
Top of ri
above ravi
Bottom o
500 ft. be
Set gran
11 ins in gr
secs. 25, 30
1 notch on
and raised
alongside
Land
mountains
Soil
Mounta

N bet.

Ridge al
ravine cou
Ravine a
ridge drai
Ridge al
ravine des

ridian T 25 S bet. Rs 12 & 13 W.

Ascend ridge.
Top of ridge about 500 ft.
above ravine on N descend.
Bottom of Ravine about
500 ft. below ridge drains N W.
Set granite stone 16 X 12 X 6 ins.
11 ins in ground for cor. to
secs. 25, 30. 31 & 36, marked
1 notch on S and 5 on N edges.
and raised a mound of stone
alongside Pits impracticable
Land W slope of Beaver
mountains.
Soil 1st and 3rd rate
Mountains 8000 chs.

N bet. secs. 25 & 30
Var. 16° 15' E.
Ridge about 70 ft. above
ravine course E and W.
Ravine about 100 ft. below
ridge drains W, ascend
Ridge about 70 ft. above
ravine descends abruptly W.

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Severe Lake Guide

Chs.	
40.00	Set granite stone 14X12X7 in 9 ins. in the ground for 1/4 cor. marked 1/4 on N face and raised a mound of stone ft. high 3½ ft. base along side. Pits impracticable.
45.00	Enter grove of cedars. course
50.00	Ravine about 250 ft. below ridge draws N.
70.00	Ridge about 200 ft. above ravine bears E & W.
80.00	Set granite stone 18X12X7 in 12 ins. in ground for cor. sec's. 19, 24, 25 and 30, mark 2 notches on S and 4 on N from which a cedar 12 ins. bears N 85° W 75 lks. dist. marked T25S R13W B.T. No other tree convenient to mark, raised mound of stone alongside.

Land rolling mount

Soil 3rd rate

Timber cedars on 35

Mountainous on 8000 ch

N bet

Leave ce

Bottom

below ri

Set gra

9 ins in

marked

raised a

alongside

Enter

Leave ce

Top of

above ca

S.E., de

Set gro

12 ins in

sec's. 13, 18

notches on

raised a

stone al

Lan

broken

Soil

Timbe

Mount

Meridian T25S. bet. R's 12 & 13 W.

N bet. sec's. 19 & 24.
Var. 16° 15' E.

Leave ceders, course E & W.

Bottom of cañon about 300 ft. below ridge, course N W.

Set granite stone 14 x 12 x 7 ins 9 ins in ground for 1/4 sec. cor. marked 1/4 on W face and raised a mound of stone alongside.

Enter ceders course E and W

Leave ceders " "

Top of mountain about 400 ft. above cañon course N. W. and S. E, descend.

Set granite stone 19 x 12 x 7 ins. 12 ins in ground for cor. to sec's. 13, 18, 19 and 24, marked 3 notches on N and S edges. and raised a mound of earth and stone alongside.

Land, mountain, rocky and broken

Soil 3rd and 4th rate

Timber, ceders on 31.00 chs.

Mountainous on 80.00 chs.

Severe Lake Guide

Chs.	N bet. secs. 13 and 18. Var. 16° 15' E.
34.00	Canon about 400 ft below ridge course N W. ascend.
34.00	Spur of ridge about 75 ft. above cañon course W.
40.00	Set granite stone 36 x 30 x 24 24 ins in ground for 1/4 sec. cor marked 1/4 on W face and raised a mound of stone alongside. Pits impracticable
61.00	Leave cañon
63.00	Descend.
80.00	Set flint stone 19 x 15 x 10 12 ins in ground for cor to secs. 7. 12. 13 & 18, marked 4 notches on S and 2 on N edge and raised a mound of stone 2 ft. high 4 1/2 ft. base alongside. Pits impracticable

Land rolling and broken mountains.

Soil 3rd and 4th rate

Sage brush on 80.00 ch.

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Meridian

N b

Set fl
10 ins
cor. m
raised
high 3
Pits
Wash a
Descend
Set b
11 ins. in
1. 6. 7 an
on S an
dug pit
sec. 5 1/2
of corth
base al
La
Soil
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N be

BOOK-A-193

Meridian. T25S bet. Rs. 12 & 13 W.

N bet. secs 7 and 12
Var. 16° 13' E

Set flint stone 15x12x7 ins
10 ins in ground for 1/4 sec
cor. marked 1/4 on W face and
raised a mound of stone 1½ ft.
high 3½ ft. base alongside.
Pits impracticable.
Wash at mouth of cañon course N.W.
Descend gradual.
Set blue lime stone 16x12x7 ins
11 ins. in ground for cor. to secs.
1. 6. 7 and 12 marked 5 notches
on S and 1 on N edges, and
dug pits 18x18x12 ins in each
sec. 3½ ft. dist. raised a mound
of earth 2 ft. high 4½ ft.
base alongside.
Land mountainous.
Soil 2nd and 3rd rate
Mountainous on 80.00 chs.

N bet. secs. 1 and 6.
Var. 16° 13' E.

Severe Lake Guide T.

Chs.	
40.00	Set blue lime-stone 14X12X 9 ins. in ground for 1/4 sec. c marked 1/4 on W face, dug pi 18X18X12 N and S of stone, 5½ distant and raised a moun earth 1½ ft. high 3½ ft. l alongside.
7.50	Wash drains N. W.
80.00	Set granite stone 20X12X1 15 ins. in ground for cor. T's. 24 & 25 S. R's 12 & 1 marked 6 notches on each end raised a mound of earth and stone alongside.
	Land gently sloping mountain.
	Soil 2nd rate.
	Mountainous on 8000 ch
	Nov. 16th 1882.

Fro
24 & 25 S
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Desce
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ins. 11
for 1/4 s
W face
of earth
Foot of
N Ear
Road
Snake
Set gr
14x10x8
for cor.
marked
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Land
N 39
Soil

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Severe Lake Guide
249
Meridian T24S R12 & 13 W.

From the cor. to Tp's.
24 & 25 S R's 12 & 13 W. Trun
N bet. secs 31 and 36
Var. 16° 15' E.

Descend.
Wash drains N.W.
Set gray granite stone 16 x 10 x 8
ins. 11 ins. in the ground
for 1/4 sec. cor. marked 1/4 on
W face and raised a mound
of earth and stone alongside.
Foot of mountain course
N E and S.W.
Road from Fillmore to
Snake creek course N.E & S.W.
Set gray granite stone
14 x 10 x 8 ins, 8 ins in the ground
for cor. to sec's. 25, 30, 31 and 36
marked 1 notch on S and 3 on N
edges and raised a mound of
earth and stone alongside.
Land S 41.00 chs mountainous.
N 39.00 chs. bench.
Soil 2nd rate

Severe Lake Guide

chs.	
	N bet. secs. 25 & 30
	Var. 16° 15' E.
	Descend.
33.00	Enter grease wood and sage br
40.00	Set gray granite stone 14 X 12 X 8 ins in ground for 1/4 sec. c marked 1/4 on W face. dug pits 18 X 18 X 12 ins N & S of st 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high base alongside.
78.00	Leave undergrowth.
80.00	Set granite stone 14 X 6 X 4 in 8 ins. in ground for cor. secs. 19, 24, 25 & 30 marked 4 not on N and 2 on S edges, dug p 18 X 18 X 12 ins in each sec. 5 1/2 dist. and raised a mound of earth 2 ft. high 4 1/2 ft. ba alongside.
	Land bench, slopes N.
	Soil, sandy 3rd rate
	Undergrowth sage brush gr wood on 45.00 chs.

Meridian

	N be
00	Deposit in grou pits 18 X 1 ft. dist. earth 1 1/2 ft In N pi 2 in. squa 1/4 S on
70	Hollow
00	Road fr Valley co
0	Set blue in grou & 24 mar edges, dug 5 1/2 ft. dist earth & ston
	Land
	Soil
	N b
00	Deposited

Meridian T. 24 S. Rgs. 12 & 13 W.

N bet. secs. 19 and 24
Var. 16° 15' E.

Deposited marked stone 12 ins. in ground for 1/4 sec. cor. dug pits 18x18x12 ins N & S of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N pit drove a stake 2 ft. long 2 ins. square 12 in. in ground marked 1/4 S on W face.

Hollow drains N. W.

Road from Fillmore to Snake Valley course N. W. and S. E.

Set blue lime stone 14x10x8 ins. 9 ins in ground for cor to secs. 13, 18, 19 & 24 marked 3 notches on N & S edges, dug pits 18x18x12 ins in each sec. 5½ ft. dist. and raised a mound of earth & stone 2 ft. high 4½ ft. base alongside.

Land level.

Soil 2nd rate "No timber"

N bet. secs. 13 and 18
Var. 16° 20' E.

Deposited a marked stone 12 ins.

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4—674.

Township 25 South R. 13 West

6	5	4	3	2	1	248
7	8	9	10	11	12	247
18	17	16	15	14	13	246
19	20	21	22	23	24	245
30	29	28	27	26	25	243
31	32	33	34	35	36	242

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Severe Lake Guide Meridian

chs.	
	in ground for 1/4 sec. cor. dug pit 18 X 18 X 12 ins N & S of cor. 5 1/2 ft. and raised a mound of earth ft. high 3 1/2 ft base over it. In N pit drove a stake 2 ft. 2 ins. square 12 ins. in ground marked 1/4 S on W face.
50.50	Wash or creek bed 5 ft. deep drains N. E into Severe lake.
62.50	Wash drains N E. joins other wash 30
8000	Set cobble stone 16 X 8 X 6 ins 10 in ground for cor. to secs. 7, 12, 13 & 18 marked 4 [illegible] S and 2 on N edges dug pits 18 X 18 X 12 ins in each sec. 5 1/2 ft dist. and raised a mound of e 2 ft. high 4 1/2 ft base alongside Land nearly level, slopes N. Soil 2nd rate. no timber
	N bet. secs. 7 and 12 Var. 16° 15' E.
	Descend.
4000	Deposited a marked stone 12 in ground for 1/4 sec. cor. dug

	18 X 18 X 12 dist. an earth 1/ In N p 2 ins squ marked
00	Wash 3 f
0	Set b 9 ins in 1, 6, 7 & 12 S and 1 18 X 18 X 12 t and earth 2 ft Lan Soil No t
	N bet V
00	Foot of rush,
00	Set cobble ground 1/4 on [illegible]

Meridian T. 48 S. Rs. 12 & 13 W.

18 X 18 X 12 ins. N & S of cor 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft base over it. In N pit drove a stake 2 ft. long 2 ins square, 12 ins in ground marked ¼ S on W face.

00 Wash 3 ft. deep. cours. E.

00 Set blue limestone 14 X 5 X 4 ins 9 ins in ground for cor. to secs. 1. 6. 7 & 12 marked 5 notches on S and 1 on N faces, dug pits 18 X 18 X 12 ins in each sec. 5½ ft. and raised a mound of earth 2 ft. high 4½ ft. base alongside.

Land level.

Soil clay 3rd rate

No timber

N bet. secs. 1 & 6.

Var. 16° 15' E.

00 Foot of ridge enter mountainous rush, ascend.

00 Set cobble stone 14 X 6 X 5 ins. 9 ins in ground for ¼ sec. cor marked ¼ on W face, dug pits 18 X 18 X 12 ins.

Severe Lake Guide Meridian T24S

chs.	
	N & S of cor. 5½ ft. dist and raised a mound of earth 1½ ft high 3½ ft. base alongside.
80.00	Set blue lime stone 15X10X5 ins. 10 in ground for cor to Tps. 23 a 24 S. R's 12 & 13 W marked wi 6 notches on each edge, dug p 24X18X12 ins lengthwise on e line N.S. E & W of stone 6 ft d and raised a mound of eart 2½ ft. high 5 ft. base along
X	Land rolling gently, and benc Soil, sandy loam and clay 2nd Undergrowth, mountain rush on 41.00
	Nov. 17th 1882.

On the night of Nov. 17th 1882 I took an observation the star polaris in accordanc with instructions contained in the Manual of Surveyors. a drove pickets on the line th established.

Survey commenced Nov. 18 with a Burts Improved so

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compass.

Before commencing this survey I test my compass on the line established and find it correct.

From the cor. to Tp's. 23 & 24 S. R's. 12 & 13 W. I run N bet. sec's. 31 and 36

Var. 16° 15' E.

Top of sandstone ridge that extends E 2½ miles.

Deposited a marked stone 12 ins in ground for ¼ sec. cor. dug pits 18 X 18 X 12 ins N & S of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it.

In N pit drove a stake 2 ft. long 2 ins. square. 12 ins. in the ground marked ¼ S on W face.

Set gray lime stone 15 X 10 X 4 ins. 10 ins. in the ground for cor. to sec's. 25, 30, 31 & 36, marked

BOOK-A-193

4—674.

Township 24 South R. 13 West

6	5	4	3	2	1	252
7	8	9	10	11	12	251
18	17	16	15	14	13	250
19	20	21	22	23	24	249-B
30	29	28	27	26	25	249-A
31	32	33	34	35	36	249

Chs.	
	1 notch on S and 5 on N faces. dug pits 18 X 18 X 12 in each sec. 5½ ft. dist. and raised a mound of ft. high 4½ ft. base along Land gently rolling bean Soil, sandy 2nd rate. Undergrowth, mountain rush on 8000 chs.
	N bet. sec's. 25 & 30 Var. 16°10' E.
15.00	Large wash drains E 15.00
40.00	Set gray sand stone 14 X 8 X 11 00 9 ins. in ground for ¼ sec. marked ¼ on W face dug pits 18 X 18 X 12 ins. N & S. of cor. 5 dist. and raised a mound of earth 1½ ft. high 3½ base alongside.
51.50	Wash drains E.
80.00	Set gray sand stone 13 X 1 3 ins 10 ins. in the ground for cor. to sec's. 19. 24. 25 & 30, marked 2 notch on S

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In N
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on W f

and 4 on N edges, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. distant and raised a mound of earth 2 ft high 4½ ft. base alongside

Land gently rolling bench. Soil sandy loam 1st. rate Undergrowth mountain rush on 80.00 chs.

N bet. sec's. 19 and 24
Var. 16°00' E.

Deposited a marked stone 12 ins. in the ground for 1/4 sec. cor. dug pits 18 x 18 x 12 ins N & S of cor. 5½ ft. distant and raised a mound of earth 1½ ft high. 3½ ft. base over it.

In N pit drove a stake 2 ft. long 2 ins. square 12 ins. in ground marked 1/4 S on W face.

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chs.	
74.08	Wash drains E.
80.00	Set flint stone 18 x 10 x 6 ins. 12 ins. in ground for to secs. 13. 18. 19 and 24. marked 3 notches on N & edges dug pits 18 x 18 x 12 in each sec. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft base alongside.
	Land nearly level.
	Soil 2nd rate.
	Undergrowth, mountain rush on 56.00 chs.
	N bet. secs. 13 and 18
	Var. 16°15' E.
11.50	Road E and W.
13.10	Wash 4 ft. deep. course E
22.00	Road N. E. and S. W.
38.00	Foot of ridge course N. E and S. W.
40.00	Set cobble stone 14 x 8 x 6 9 ins in ground for ¼ sec

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eridian T. 23 S. bet. R's 12 & 13 W.

cor. marked 1/4 on W face.
dug pits 18 X 18 X 12 ins N &
S of stone 5½ ft. distant
and raised a mound of
earth and stone 1½ ft
high 3½ ft. base
alongside.
Top. of ridge.
Set blue lime stone
15 X 10 X 8 ins. 10 ins. in ground
for cor. to sec's. 7, 12, 13 &
18 marked 4 notches on S
and 2 on N faces. dug
pits 18 X 18 X 12 ins in each
sec. 5½ ft. distant and
raised a mound of earth
2 ft. high 4½ ft. base
alongside.
Land gently rolling.
Soil 2nd and 3rd rate
Undergrowth. mountain
rush on 8000 chs.

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Severe Lake Guide

chs.	N bet. secs. 7 and 12 Var. 16° 15' E.
37.90	Wash. course E.
40.00	Set lime stone 20 x 14 x 12 i 15 ins. in the ground for 1/4 s cor. marked 1/4 on W face dug pits 18 x 18 x 12 ins N & of stone 5½ ft. dist. an raised a mound of eart 1½ ft. high 3½ ft. base alongside.
60.00	Leave mountain rush.
80.00	Set blue lime stone 18 x 1 12 ins 12 ins in ground f cor. to secs. 1. 6. 7 & 12 mor with 5 notches on S and 1 N edges, dug pits 18 x x 1 x 12 ins in each sec. 5½ f distant and raised a mou of earth 2 ft. high 4½ ft base alongside. Land gently rolling Soil 2nd & 3rd rate. Undergrowth, mountain rush on 60.00 chs.

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1.50	Wash
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	Set
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	N an
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5.00	Wash
3.00	"
7.00	"
0.00	Set b
	6 ins 11
	cor to
	R's 12
	with 6
	dug 2
	on each
	cor.

...ide ...eridian T23 S. Rs 12 & 13 W.

	N bet. secs. 1 & 6.
	Var. 16°15 E.
.00	Wash course E.
.50	Top of low ridge course E.
.00	Wash course E.
1.50	Top of ridge enter mountain rush.
.00	Set blue lime stone 16 X 10 X 8 ins 11 in ground for 1/4 sec. cor. marked 1/4 on W face dug pits 18 X 18 X 12 ins. N and S of stone 5½ ft. distant and raised a mound of earth 1½ ft. high 3½ ft. base alongside
5.00	Wash course E.
3.00	" " "
7.00	" " "
0.00	Set blue lime stone 16 X 12 X 6 ins 11 ins in ground for cor to Tps. 22 and 23 S Rs 12 and 13 W., marked with 6 notches on each edge dug 24 X 18 X 12 ins. lengthwise on each line N. S. E & W of cor.

Severe Lake Guide Meridian

chs.	6 ft. distant and raised a mound of earth 2½ ft. high 5 ft. base alongside.	
	Land rolling	.00
	Soil 3rd rate	7.50
	Undergrowth mountain rush on 58.50 chs.	.00

Severe Lake Guide Meridian
261.
T 22 S. Rs 12 & 13 W. S. L. M.

From the cor to Tps. 22 and 23 S. Rs 12 and 13 W
I run N bet. secs. 31 & 36
Var. 16°15' E.

1.00 Wash in hollow course E.

7.50 " " " N E.

00 Set blue-limestone 16 X 6 X 6 ins 11 ins. in for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 X 18 X 12 ins. N and S of stone and raised a mound of earth 1½ ft. high 3½ ft. base along side.

5.00 Foot of mountain. N E and S W. ascend.

.00 Set blue lime-stone 18 X 12 X 5 ins. 12 ins. in the ground for cor. to secs. 25, 30, 31 and 36 marked 1 notch on S and 5 on N edges and raised a mound of earth and stone alongside.

Land rolling.
Soil 2nd and 4th rate
Undergrowth, sage brush on 80.00 chs.

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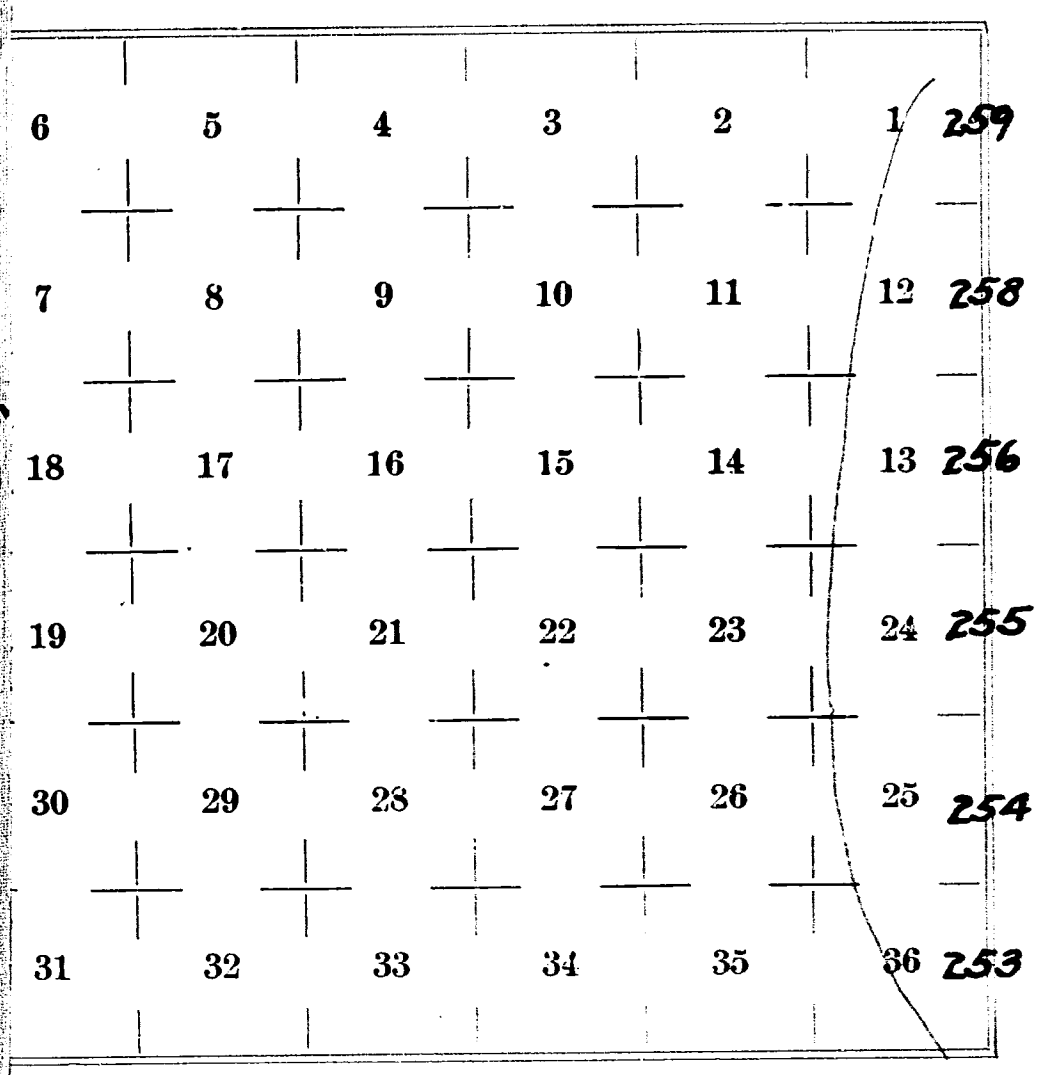
4—674.

nship 23 South R. 13 West



Revere Lake Guide

Meridian

chs.	Mountains on 13.00 chs.
	N bet. sec's. 25 and 30
	Var. 16° 15' E.
4.000	Set blue lime-stone 26X12X6
	19 ins in a mound of stone
	1/4 sec. cor. marked 1/4 on W
	face, on lime stone ledge,
	spur of mountain course N.
70.00	Foot of mountain, enter bru
80.00	Set blue lime stone 16X13X
	4 ins. 11 ins in the ground fo
	cor. to sec's 19. 24. 25 and 30
	marked 4 notches on N and
	2 on S faces, dug pits 18X18X
	ins. in each sec. 5½ ft. dist
	and raised a mound of ca
	2½ ft. high 4½ ft. base
	alongside.
	Land mountains on 70.000
	Soil 2nd and 4th rate.
	Undergrowth, mountain
	ash on 80.000 chs.

chs.	N
.00	Wash
.00	"
	Enter
0.00	Set
	10X6 i
	for 1/4
	W face
	N and
	and
	earth
	along
7.50	Wash
3.00	"
.50	Bed
.50	Wash
.00	Set
	12X12
	ground
	19 and
	on N
	raised
	and
	Lan

Meridian T. 2 S. bet. R's. 12 & 13 W.

N bet. sec's. 19 and 24.
Var. 16° 15' E.

Wash in hollow drains E.
" " " E.

Enter white clay ridge.
Set blue lime stone 14 X 10 X 6 ins. 9 ins in the ground for 1/4 sec. cor. marked 1/4 on W face dug pits 18 X 18 X 12 ins. N and S of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

Wash drains E.
" " E.

Bed of chalk.
Wash drains E.

Set gray granite stone 22 X 12 X 12 ins. 16 ins. in the ground for cor. to sec's. 13. 18. 19 and 24, marked 3 notches on N and S edges and raised a mound of earth and stone alongside.

Land rolling bench

chs.	
	Soil 3rd and 4th rate. Undergrowth mountain rus on 80.00 chs.
	N bet. sec's. 13 and 18. Var. 16° 15' E.
40.00	set granite stone 14X10X6 in 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face, dug pits 18X18X12 ins. N and S of stone 5½ ft. dia and raised a mound of stone 1½ ft. high 3½ ft base alongside.
69.50	Hollow 20 ft. deep. course E
80.00	Set blue lime stone 20X12 8 ins 15 ins in ground for cor. to sec's. 7. 12. 13 and 18 marked 2 notches on N and 4 on S edges and raised a mound of earth and stone alongside.
	Soil 3rd rate
	Land rolling bench
	Mountain rush on 80.00 chs.

chs.	
	N
00	Set 4 ins. for 1/4 N fo of ear
00	Set 10X4 for c mort on S mou along
	L
	S
	N rus
	N
5.5	Wash
00	Set 21 ins

Meridian T22S bet. R's 12 & 13 W

N bet. sec's 7 and 12.
Var. 16° 15' E.

Set blue lime stone 15 X 10 X 4 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face and raised a mound of earth and stone alongside.

Set blue lime stone 16 X 10 X 4 ins. 11 ins. in the ground for cor. to sec's. 1, 6, 7 and 12 marked 1 notch on N and 5 on S faces and raised a mound of earth and stone alongside.

Land rolling bench.
Soil 2nd and 3rd rate.
Undergrowth mountain rush on 8 000 chs.

N bet. sec's 1 and 6.
Var. 16° 15' E.

Wash drains E.

Set blue lime stone 28 X 18 X 8 ins 21 ins in the ground for 1/4

Severe Lake Guide Meridian T22S

chs.	
	sec. cor. marked ¼ on W fa and raised a mound of eart and stone alongside.
49.00	Wash drains E.
70.00	" in hollow drains E.
80.00	Set blue lime stone 16X12X 11 ins. in the ground for co to Tps. 21 and 22 S Rs 12X1 W marked with 6 notches o each edge, dug pits 24X18X ins. lengthwise on each li N.S. E and W of stone 6 ft. dist. and raised a mound of earth 2½ ft hig 5 ft. base alongside.
	Laid rolling bench.
	Soil 2nd and 3rd rate
	Undergrowth mountain rush on 80.00 chs.
	Nov. 18th 1882

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BOOK-A-193

were Lake Guide Meridian
Tps 21 & 22 S. Rs 12 and 13 W. S. L. M.

On the night of Nov. 18/82 I took an observation on the star polaris. in accordance with instructions contained in the Manual of Survey. and drove picket on the line thus established

Survey commenced Nov. 19, 1882. with a Burts improved solar compass.

Before commencing this survey I test my compass on the line established and find it correct.

From the cor. to Tps. 21 and 22 S. Rs. 12 & 13 W I run N bet. sec's. 31 & 36 Var. 16° 15' E.

Wash in hollow drains E.

Set blue lime-stone 14 x 10 x 4 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 x 18 x 12 ins N and S of stone and

Severe Lake Guide Meridian

chs.	
	5½ ft. distant. and raised a mound of earth 1½ ft hi 3½ ft. base alongside.
78.75	Wash in hollow drains N E
80.00	Set blue lime stone 18x12x6 12 ins. in ground for cor. t secs. 25, 30. 31 and 36, marke 1 notch on S and 5 on N edges and raised a moun of earth and stone along Land rolling bench. Soil 2nd rate. Undergrowth, grease wo mountain rush and shad scale on 80.00 chs.
	N bet. secs. 25 and 30. Var. 16°15' E
31.50	Wash in hollow drains E
40.00	Set blue limestone 14x8x 9 ins. in the ground for ¼ cor. marked ¼ on W face dug pits 18x18x12 ins N and S of stone 5½ ft. di

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T 21 S. bet. R's 12 X 13 W. S. L. M.

and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

Wash drains E.
" " E.
" " E.

Set gray lime stone 16 X 12 X 5 ins. 11 ins. in the ground for cor. to sec's. 19, 24, 25 and 30, marked 2 notches on S and 4 on N faces, dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. distant and raised a mound of earth 2 ft. high 4½ ft. base alongside.

Land rolling bench.
Soil 2nd rate.
Undergrowth, mountain rush and grease wood, and shad scale on 8000 chs.

Severe Lake Guide Meridian

	chs.	N bet. sec's. 19 and 24. Var. 16° 15' E.
	6.25	Wash drains E.
	21.00	" " E
	29.00	" " E
	38.25	" " E
4	40.00	Set blue limestone 15 X 14 X 6 in. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face and raised a mound of earth and stone alongside.
	42.00	Wash drains E.
	46.25	" " E.
	53.00	" " E
	57.00	" " E
6	77.00	" " E.
8	80.00	Set blue limestone 18 X 12 X 6 in. 12 ins in the ground for cor. to sec's. 13, 18, 19 and 24 marked 3 notches on N and S edges dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. distant and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside.

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T. 21 S. bet. Rs. 12 & 13 W. S. L. M.

cho.	Land rolling bench. Soil 2nd rate. Undergrowth greasewood mountain rush and shad scales on 8.000 chs.
	N bet. secs. 13 and 18. Var. 16° 15' E.
8.25	Wash drains E.
10.75	" " E.
28.00	" " E.
40.000	Set blue lime stone 16 X 10 X 8 ins. 10 ins in the ground for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 X 18 X 12 ins N and S of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft base alongside.
80.000	Set blue lime stone 16 X 12 X 10 ins. 10 ins. in the ground for cor. to secs. 7, 12, 13 and 18 marked 2 notches on N and 4 on S edges and raised a mound of earth and stone alongside.

Severe Lake, Guide Meridian

ch	chs.	Land rolling bench. Soil mixed with gravel, and white clay, 2nd and 4th rate. Undergrowth, grease wood mountain rush and shadscale on 80.00 chs.
4		N bet. secs. 7 and 12. Var. 16° 15' E.
	5.75	Wash drains E.
	9.00	" " E.
	15.00	Wash " E.
	45.00	Set blue lime stone 16x10x8 10 ins in the ground for 1/4 sec.
6		cor. marked 1/4 on W face.
8		dug pits 18x18x12 ins. N and S of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
	52.00	Wash course E.
	80.00	Set white lime stone 20x16 6 ins. 13 ins in the ground for cor. to secs. 1. 6. 7 and 12 marked 5 notches on S and

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bet
T. 21 S. Rs. 12 and 13 W. S. L. M.

chs

1 on N edges. and raised a mound of earth and stone alongside.

Land rolling bench.

Soil, mixed with gravel and clay 2 nd rate.

Undergrowth. greasewood, and mountain-rush on 8.00 chs.

N. bet. sec's. 1 and 6.

Var. 16° 15' E.

Intersect the 4 th Stand. Par. South, at a point. 6.80 chs. E of the standard cor. to Tp. 20 S. Rs. 12 and 13 W. which is a blue lime stone 18X11X10 ins. firmly set in the ground marked S. C on N with 6 notches on N E and W edges. with pits 24X18X12 ins. N E and W of stone 6 ft. dist, and raised a mound

Severe Lake Guide Meridi

chs.	of earth around stone and point of intersection. set blue lime stone 20x10x6 in 15 ins. in the ground for d cor. to Tps. 21 S Rs. 12 and W, marked C C on S with notches on E. W and S edges an raised a mound of earth an stone alongside.
	Land rolling bench Soil mixed with gravel 2nd rate.
	Undergrowth, mountain rush and grease wood on 31.15 chs.
	Nov. 19th. 1882

BOOK-A-193

21 S. bet

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Valle
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BOOK-A-193

T. 21 S. bet. Rs 12 & 13 W. S. L. M.

General Description.

This line runs along the western slope of the Beaver River Range of Mountains through Sevier Valley and along the western boundary of Sevier Lake, which is from 2 to 4 miles east. The township on each side with the exception of the mountains are level valley and gently rolling benches, soil of fair quality, and some springs and small reservoirs of pure water in the rocks.

The soil along the boundary of the lake is rich and judging from the excellent growth of nutritious grasses and other vegetation, part of it would produce good crops without irrigation.

The mountains are rough and broken but contain small groves of cedar and nut pine timber.

Andrew J. Stewart Jr.
U. S. Deputy Surveyor

BOOK

U. S. SURVEYOR

Salt Lake C

The foregoing

Severe Lake

Township No. 25, 29

Executed by Au

Under III

day of October

November

mined, the necessar

the said field notes

hereby approved.

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, August 4th 1883

The foregoing field notes of the survey of the Severe Lake Guide Meridian

Township No. 25, 24, 23, 22, 21 S *Range No.* 12 & 13 W.

Executed by Andrew J. Stewart Jr

Under III *contract of the* 7th

day of September 1882, *in the month of* November 1882, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A-193

116

EPORT:

iled 188

amined by John McCampe

ranscribed by E Michaelis

ompared by L. W. Hickok & E Salomon

FIELD NOTES

OF THE SURVEY OF THE

West boundary

OF

ownship No 21 South

nge No 13 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart, jr.

U. S. Deputy Surveyor,

Under his Contract No. 111.

ated September 7th, 1882.

urvey commenced November 25, 1882.

urvey completed November 25, 1882.

BOOK-A-193

NTS:

passman

inman.

inman.

inman.

inman.

man.

man.

gman.

West Boundary T21 S. R. 13 W.

On the night of Nov. 24. 1882 I took an observation on the star Polaris in accordance with instructions contained in the Manual of Surveys and drove pickets on the line thus established. Survey commenced Nov. 25, 1882 with a Burt's improved solar compass. Before commencing this survey I test my compass on the line established and find it correct.

From the cor. to Tp's. 21 and 22 S. Rs. 13 and 14 W I run N bet sec's. 31 and 36

Var. 16° 15' E.

0 Top of rocky ridge.

0 Foot of rocky ridge about 35 ft. below top.

0 Set blue lime stone 14 x 12 x 6 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face. dug pits 18 x 18 x 12 ins. N and S of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

West Boundary T 21 S | R. 13 West

Chs.	
75.00	Wash 2½ ft. deep, drains W
80.00	Deposited a marked stone 12 ins. in the ground for co to secs. 25. 30. 31 and 36. dug p 18X18X12 ins. in each sec. 5½ ft distant and raised a mound of earth 2 ft. high 4½ ft. base o over it. In S. E. pit drove stone 2 ins. square 2 ft. long 12 ins. in the ground. marke T21 S.S. 30 on N. E. R 13 W S 31 on S E. R 14 W S 36 on S W and S 25 on N W faces with 1 notch on S and 5 on N E
	Land level and rolling
	Soil mixed with sand a gravel 2nd and 3rd rate
	Undergrowth, shod scale a mountain rush on 80.00 ch
	N bet secs. 25 and 30 Var. 16° 15' E.
40.00	Set blue lime stone 14X12X6

9 ins. in
cor. mark
18X18X12
dist. and
earth 1½
sill.
Deposited
in the gr
19. 24. 25
in each
raised a
high 4½
In S.
2 ins. squ
ins the g
T21 S
R. 13 W
R. 14 W
S 24 o
2 notch
edges.
Land
Soil
grave
Under
80.00

R. 13 West. S. L. Meridian.

9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 X 18 X 12 ins N & S of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base along side.

Deposited a marked stone 12 ins in the ground for cor. to secs. 19. 24. 25 & 30. dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. distant and raised a mound of earth 2 ft. high 4 1/2 ft. base over it.

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

T 21 S S 19 on N E.
R. 13 W S 30 on S E.
R. 14 W S 25 on S W and
S 24 on N W faces. with
2 notches on S. and 4 on N
edges.

Land level.

Soil mixed with sand and gravel 2nd and 3rd rate
Undergrowth, shad scalw on
80.00 chs.

West Boundary T 21 S

Chs.	North bet. secs. 19 and 24
	Var. 16° 15' E.
40.00	Set black lava stone 15 X 12 X ins. 10 ins. in the ground fo ¼ sec. cor. marked ¼ on W face, dug pits 18 X 18 X 12 ins. N and S stone 5½ ft. distant and raise a mound of earth 1½ ft. high 3½ ft. base alongside.
80.00	Deposited a marked stone ins. in the ground for cor. t secs. 13. 18. 19 and 24, dug pits 18 X 18 X 12 ins. in each sec. 5½ dist. and raised a mound of e 2 ft. high 4½ ft. base over it
	In S E pit drove a stake ins. square, 2 ft. long 12 ins in the ground marked
	T 21 S.S. 18 on N E.
	R. 13 W S 19 on S E.
	T 14 W S 24 on S W and
	S 13 on N W faces with 3 notches on N and S edges.
	Land level.
	Soil mixed with sand and gravel 2nd V
	Undergrowth, shad scales on 80.00

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R. 13 W.

	N be
00	Deposit in the g pits 18 X 1 5½ ft. d of earth over it. stake 12 ins. ¼ S on
00	Deposit in the gr 12. 13 and in each raised a 4½ ft. ba
	In S. square 2 marked.
	R. 13
	R. 14
	S 12 o notches o
	Land

R. 13 W. S. L. M.

N bet. secs. 13 and 18.
Var. 16° 15' E.

Deposited a marked stone 12 ins. in the ground for 1/4 sec. cor. dug pits 18x18x12 ins N & S of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N pit drove a stake 2 ins. square, 2 ft. long 12 ins. in the ground marked 1/4 S on W face.

Deposited a marked stone 12 ins. in the ground, for cor. to secs. 7. 12. 13 and 18, dug pits 18x18x12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high. 4½ ft. base over it.

In S. E pit drove a stake 2 ins. square 2 ft. long 12 ins in the ground marked. T21 S. S. 7 on N E.
R. 13 W S 18 on S E.
R. 14 W S 13 on S W. and
S 12 on N W faces with 4 notches on S and 2 on N faces
Land level

West Boundary T 21 S.

chs.	
	Soil, mixed with sand and gravel 2nd and 3rd rate. Undergrowth mountain rush and shod scales on 80.00 chs.
	N bet. secs. 7 and 12 Var. 16° 15' E.
40.00	Set white flint stone 14X12X6 ins 9 ins in the ground for 1/4 sec. c marked 1/4 on W face, dug pits 18X18X12 ins. N and S of stone 5 1/2 ft. dist. and raised a mou of earth 1 1/2 ft. high 3 1/2 ft. base alongside
41.00	Wash 2 ft. deep drains N.
56.00	" 2 1/2 " " " W
80.00	Set blue lime stone 14X12X6 ins. 9 in the ground for cor. to secs. 1 7 and 12 marked 5 notches on S and on N edges and raised a mou of earth and stone alongside. Land level Soil mixed with sand and gr 2nd and 3rd rate. Undergrowth, mountain rush shod sc on 80.00 chs.

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R. 13 W. S. L. M.

N bet. secs 1 and 6.

Var. 16° 15' E.

Intersect the 4th Stand Par. S. at a point 5.10 chs W of the Stand. cor. to Tp. 20 S Rs. 13 & 14 W which is a blue lime stone 15 X 12 X 3 ins. firmly set in the ground marked S. C. on N with 6 notches on N. E and W edges with pits 24 X 18 X 12 ins. N. E & W of stone 6 ft. dist. and a mound of earth alongside.

At point of intersection set a blue lime stone 18 X 12 X 6 ins. 12 ins. in the ground for closing cor. to Tp. 21 S. Rs. 13 & 14 W marked C. C. on S with 6 notches on S E and W edges, dug pits 24 X 18 X 12 ins. in each sec. 3½ ft. dist. and raised a mound of earth 2 ft. high 3½ ft. base alongside.

Land rolling.

Soil 2nd rate.

No timber.

November 25th 1882

General Description.

This line runs about t
center of the north end of Too
Spring valley and between th
Saw Back and House range
of Mts. The townships on eac
side on the line are level and
rolling and contain an abun
dant growth of grass and
vegetation.

The mountains are rou
and broken, soil 3rd and 4
rate.

The soil in the valley is
a fair quality, generally 1st an
2nd rate, and portions of it
would produce crops without
irrigation.

It should be subdivide

Andrew J. Stewart Jr.

U. S. Deputy Surveyor.

BOOK

U. S. SURVEYOR

Salt Lake C

The foregoing

West bo

Township No. 21

Executed by Ca

Under 111

day of Sept

November

amined, the necessar

the said field notes

hereby approved.

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, August 4th 1883

The foregoing field notes of the survey of the West boundary

Township No. 21 South Range No. 13 West

Executed by Andrew J. Stewart, Jr.

Under 111 contract of the 7th

day of September 1882, in the month of

November 1882, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

Fred Salomon

U. S. Surveyor General for Utah.

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REPORT: 1884

Filed 188

Examined by John R. Campbell

Transcribed by E. Michaelis

Compared by L.W. Hickok & E. Michaelis,

FIELD NOTES

OF THE SURVEY OF THE

Wah-Wah Guide Meridian

OF

Township Nos 25, 24, 23, 22 and 21 South

Range No 16 and 17 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart, Jr.

U. S. Deputy Surveyor,

Under his Contract No 111

Dated September 7th, 1882.

Survey commenced December 3, 1882.

Survey completed December 5, 1882.

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Township 25 South R. 17 West

6	5	4	3	2	1	290
7	8	9	10	11	12	289
18	17	16	15	14	13	288
19	20	21	22	23	24	287
30	29	28	27	26	25	286
31	32	33	34	35	36	285

Wal. Wah Guid Meridian T. 25 S.

On the night of Dec. 2nd 1882 I took an observation on the star Polaris in accordance with instructions contained in the Manual of Survey and drove pickets on the line thus established.

Survey commenced Dec. 3rd. 1882 with a Burts improved solar compass.

Before commencing this survey I test my compass on the line established and find it correct.

I begin at the stand. cor. Tp. 25 S. Rs. 16 and 17 W. which is a blue lime stone 16 X 8 X 6 ins. in a mound of stone, re-established by me.

Thence I run N bet. sec's. 31 and 36.

Var. 16° 15' E.

Set black lava stone 16 X 10 X 8 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face, dug

Wah. Wah. Guide Meridian

Cho. pits 18X18X12 ins. N x S of Stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

80.00 Set cobble stone 14X12X3 ins. 10 ins. in the ground for cor. to sec's. 25, 30, 31 and 36 marked 1 notch on S and 5 on N edges, dug pits 18X18X12 ins. in each sec. 5½ ft. distant and raised a mound of earth 2 ft. high 4½ ft. base alongside.

Land level

Soil mixed with sand and clay, 2nd rate.

No timber.

N bet. sec's. 25 and 30.

Var. 16°15' E.

40.00 Set blue limestone 14X8X6 ins. 10 ins. in the ground for ¼ sec. cor. marked ¼ on W face, dug pits 18X18X12 ins. N and S of stone 5½ ft. dist. and raised a

T. 25 S.

mound
3½ ft.
Set wh
10 ins. in
sec's. 19,
2 notche
edges, a
earth 2
alongsi
Land
Soil
clay 1
No

N be

00 Se
10 ins. i
cor. mar
pits 18X
stone 5
mound
3½ ft.
00 Set blu

T 25 S. Rs. 16 and 17 W.

mound of earth 1½ ft. high
3½ ft. base alongside.
Set white flint stone 14 X 7 X 8 ins.
10 ins. in the ground for cor. to
sec's. 19, 24, 25 and 30 marked
2 notches on S and 4 on N
edges, and raised a mound of
earth 2 ft. high 4½ ft. base
alongside.
Land level
Soil mixed with sand and
clay 1st. and 2nd rate.
No timber.

N bet. sec's. 19 and 24
Var. 16° 15' E.
Set one limestone 15 X 9 X 6 ins.
10 ins. in the ground for ¼ sec.
cor. marked ¼ on N face dug
pits 18 X 18 X 12 ins N and S of
stone 5½ ft. dist and raised a
mound of earth 1½ ft. high
3½ ft. base alongside.
Set blue lime stone 16 X 10 X 6

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Wah Wah Guide Meridian T. 25 S.

Chs.	ins. 11 ins. in the ground for cor. to secs. 13, 18, 19 & 24, mo with 3 notches on N and S edges, dug pits 18 X 18 X 12 ins in each sec. 5½ ft. dist. a raised a mound of earth 2 f high 4½ ft. base alongside. Land level Soil mixed with sand a clay 1st. rate. No timber.	cor. to marked 2 on N ins. in e and raise 2 ft. hig alongsid Land Soil m clay 3rd No
	N bet. secs. 13 and 18. Var. 16° 15' E.	N bet
40.00	Set blue lime stone 14 X 12 X 9 ins. in the ground for ¼ s cor. marked ¼ on W face, d pits 18 X 18 X 12 ins N and S o Stone 5½ ft. distant and raised a mound of earth 1 high 3½ ft. base alongside	00 Set bl ins. 9 ins ¼ sec. co face, dug N and S and rai 1½ ft. hi side.
41.00	Leave clay flat course E. &	
80.00	Set block lava stone 15 X 12 ins. 10 ins. in the ground fo	00 Enter

T 25 S Rs 16 and 17 W.

cor. to secs. 7. 12. 13 and 18
marked 4 notches on S and
2 on N edges, dug pits 18X18X12
ins. in each sec. 5½ ft. dist.
and raised a mound of earth
2 ft. high 4½ ft. base
alongside.
Land level
Soil mixed with sand and
clay 3rd rate
No timber

N bet. secs. 7 and 12
Var. 16° 15' E.
Set blue lime stone 14X12X6
ins. 9 ins in the ground for
¼ sec. cor. marked ¼ on W
face, dug pits 18X18X12 ins.
N and S of stone 5½ ft. dist
and raised a mound of earth
1½ ft. high 3½ ft. base along-
side.
Enter rolling ground.

Wah Wah Guide Meridian

chs.	
80.00	Set white flint stone 18x12x1[illegible] 12 ins. in the ground for cor to secs. 1. 6. 7 and 12 marked with 1 notch on N and 5 on S edges dug pits 18x18x12 in in each sec. 5½ ft. dist. an raised a mound of earth 2 f high 4½ ft. base alongside Land nearly level Soil mixed with sand and gravel 2nd and 3rd ra No timber.
	N bet. secs. 1 and 6 Var. 16° 15' E.
38.00	Wash 3 ft. deep course S x N
40.00	Set white flint stone 16x12x8 11 ins. in the ground for ¼ cor. marked ¼ on W face, dug pits 18x18x12 ins. N and S of stone 5½ ft dist and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

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T 25 S

25	Wash 4 ft
00	Set blu
	11 ins in
	Fps. 24 a
	marked
	each ed
	ins. leng
	N. S. E
	dist. an
	earth 2
	alongsi
	Land
	Soil
	gravel
	No ti

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T. 25 S. R. 16 and 17 W. S. L. M.

Wash 4 ft. deep drains. S. W.
Set blue lime stone 17 X 12 X 8 ins. 11 ins in the ground for cor. to Tp's. 24 and 25 S. R. 16 and 17 W marked with 6 notches on each edge, dug pits 24 X 18 X 12 ins. lengthwise on each line N. S. E. and W of stone 6 ft. dist. and raised a mound of earth 2½ ft. high 5 ft. base alongside.

Land rolling.

Soil mixed with sand and gravel 2nd and 3rd rate.

No timber.

Wah Wah Guide Meridian

Chs.	
	From the cor. to Tps. 24 an 25 S Rs 16 and 17 W establish by me I run
	N bet. secs. 31 and 36.
	Var. 16° 15' E.
34.00	Wash 3 ft. deep. drains S. E.
40.00	Set lime stone 14 X 12 X 6 ins. 9 in the ground for 1/4 sec. co marked 1/4 on W face dug pi 18 X 18 X 12 ins N and S of ston 5 1/2 ft. dist. and raised a mo of earth 1 1/2 ft. ~~high~~ 3 1/2 ft. b alongside.
80.00	Set blue lime stone 15 X 12 X 10 ins. in the ground for co to secs. 25. 30. 31 X 36 marke 1 notch on S and 5 on N edg dug pits 18 X 18 X 12 ins in each sec. 5 1/2 ft. dist and raised mound of earth 2 ft. high 4 1/2 ft. base alongside.
	Land ascending N
	Soil sand and gravel mixe 2nd and 3rd rate
	Mountainous on 80.00 ch

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T2 4 S

N be

50 Wash 4

50 Wash 3

00 Set lim

11 ins. in

cor. mo

pits 18 X

stone 5,

a moun

3 1/2 ft.

0.60 Wash 2

8.00 Wash

0.00 Set bl

10 ins. in

secs 19.

2 notche

edges D

in each

mound

base al

Land

Soil

gravel

Mount

BOOK-A-193

Township 24 South R. 17 West

6	5	4	3	2	1 297
7	8	9	10	11	12 296
18	17	16	15	14	13 295
19	20	21	22	23	24 294
30	29	28	27	26	25 293
31	32	33	34	35	36 292

T. 4 S. R. 16 & 17 W. S. L. M.

N bet. secs. 25 and 30.

Var. 16° 15' E.

.50 Wash 4 ft. deep drains S. E.

.50 Wash 3½ ft. " " S. E.

.00 Set lime stone 16 X 12 X 8 ins. 11 ins. in the ground for ¼ sec. cor. marked 4 on W face. dug pits 18 X 18 X 12 ins N and S of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

.60 Wash 2½ ft. deep drains S. E.

.00 Wash 3½ " " " S. E.

.00 Set blue lime stone 15 X 12 X 6 ins. 10 ins. in the ground for cor. to secs. 19. 24. 25 and 30, marked 2 notches on S and 4 on N edge. Dug pits 18 X 18 X 12 ins. in each, 3½ ft. dist. raised a mound of earth 2 ft. high 4½ ft. base alongside.

Land adjoining N

Soil mixed with sand and gravel 2nd and 3rd rate

Mountainous on 5.00 chs.

Wah Wah. Guide Meridian.

Chs.	N bet. secs. 19 and 24. Var. 16° 15' E.
10.50	Wash 4 ft. deep drains S. E.
40.00	Set blue lime stone 18 X 12 X 7 in 12 ins. in the ground for 1/4 s cor. marked 1/4 on W face, dug pits 18 X 18 X 12 ins. N and S of st 5 1/2 ft. dist. and raised a mou of earth 1 1/2 ft. high 3 1/2 ft. ba alongside.
45.20	Wash 3 1/2 ft. deep drains S. E.
73.00	" 4 " " " S E.
80.00	Set blue lime stone 18 X 13 X ins. 12 ins. in the ground for cor. to secs. 13. 18. 19 and 24, marked 3 notches on N & S edges dug pits 18 X 18 X 12 ins. 5 1/2 ft. dist in each sec. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongsi

Land ascending N.

Soil mixed with sand an gravel 2nd and 3rd rate.

Mountainous on 80.00 chs

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T24 S. bet

.00	Wash
.50	Enter
.00	Wash 3
.00	" 4
.00	Set bl
	ins. 9 i
	1/4 sec.
	face, d
	N and
	and ra
	1 1/2 ft. h
	from
	diam.
	marked
	convens
.00	Wash 4
0.00	Set b
	10 ins. i
	secs. 7,
	on S a
	pits 18
	5 1/2 ft.
	of earth
	alongs

Tp 4 S bet Rs. 16 and 17 W. S. L. M.

N bet. secs. 13 and 18
Var. 16°15' E.

Wash 3½ ft. deep drains. S. E.
Enter scattering scrub cedars.
Wash 3½ ft. deep drains. S. E.
" 4 " " " S. E.
Set blue lime stone 14 X 12 X 6 ins. 9 ins. in the ground for ¼ sec. cor. marked ¼ on W face, dug pits 18 X 18 X 12 ins. N and S of stone 5½ ft. dist. and raised a mound of stone 1½ ft. high 3½ ft. base alongside. from which a cedar tree 10 ins. diam. bears N 75° W 15 lks dist marked ¼ S B T. No other tree convenient oto mark.
Wash 4½ ft. deep drains. S. E.
Set blue lime stone 15 X 12 X 7 ins. 10 ins. in the ground for cor. to secs. 7, 12, 13 & 18, marked 4 notches on S and 2 on N edges. dug pits 18 X 18 X 12 ins in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.

chs.	
	Land ascending N Soil mixed with sand and gr 2nd and 3rd rate. Timber cedars on 52.50 chs Mountainous on 80.00 chs.
	N bet. sec's. 7 and 12 Var. 16° 15' E.
40.00	Set blue limestone 14X12X6 in 9 ins. in the ground for 1/4 co cor. marked 1/4 on W face du pits 18X18X12 ins. N and S of stone 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base alongside.
80.00	Set. blue lime stone 18X12X6 in 12 ins in the ground for cor. t sec's. 1.6. 7 and 12 marked 1 noto on N and 5 on S edges, dug pits 18X18X12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside Road rolling.

	Soil m 2nd an Timbe Mount
	N b
.00	Wash 4
.00	Divide and Su
.00	Set bl 10 ins. n cor. m dug pit of stone mound 3½ ft.
.000	Set b ins. 11 cor. to Ls. 16x notches 24X18X line N 6 ft. di

T. 24 S. bet. R's. 16 & 17 W. S. L. M.

Soil mixed with sand & gravel 2nd and 3rd rate.
Timber scattering cedar on 80.00 chs.
Mountainous on 80.00 chs.

N bet. secs. 1 and 6
Var. 16° 15' E.

Wash 4 ft. deep drains. S. E.
Divide between Wah Wah valley and Snake Valley. Descend.
Set blue lime stone 15 X 12 X 7 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face dug pits 18 X 18 X 12 ins. N and S of stone 5 1/2 ft. dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.
Set blue lime stone 16 X 12 X 10 ins. 11 ins. in the ground for cor. to ~~Tps.~~ 23 and 24 S. Rs. 16 & 17 W marked with 6 notches on each edge, dug pits 24 X 18 X 12 ins. lengthwise on each line N. S. E and W of stone 6 ft. dist. and raised a mound

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chs.	of earth 2½ ft. high 5 ft. base alongside.	chs.	23 and
	Land rolling foot hills of Mt		establish
	Soil mixed with sand and		R bet.
	gravel 2nd rate.	00	Set blu
	Timber scattering ceder on		gina in
	80.00 chs.		cor. mon
	Mountainous on 80.00 chs		18 x 18 x 12
	December 3rd 1882.		5½ ft. d
			of earth
			alongsi
	On the night of Dec. 3rd 1882	.00	Leave c
	I took an observation on the	00	Set bl
	star Polaris in accordance wi		11 ins. i
	instructions contained in the		sec. 25.
	Manual of Surveys and dro		noth on
	pickets on the line thus		dug pits
	established.		sec. 5½
	Survey commenced Dec. 4/8		mound
	with a Burts improved Solar		4 ft. base
	compass.		Land
	Before commencing this surv		Soil
	I test my compass on the lin		Timb
	established and find it corre		45.00 ch
	I begin at the cor. to Tps.		Mou

T 23 S. bet Rgs. 16 and 17 W S.L.M.

23 and 24 S. Rs. 16 and 17 W
established by me and run.
N bet. secs. 31 and 36.
Var. 16° 30' E.

00 Set blue lime stone 14 X 12 X 6 ins.
9 ins in the ground for 1/4 sec.
cor. marked 1/4 on W face. dug pits
18 X 18 X 12 ins. N and S of stone
5 1/2 ft. dist and raised a mound
of earth 1 1/2 ft. high 3 1/2 ft. base
alongside.

.00 Leave cedars.

00 Set blue lime stone 16 X 12 X 7 ins.
11 ins. in the ground for cor to
secs. 25, 30, 31 and 36 marked 1
north on S and 5 on N edges.
dug pits 18 X 18 X 12 ins. in each
sec. 5 1/2 ft. dist. and raised a
mound of earth 2 ft. high 4 1/2
ft. base alongside.

Land rolling.
Soil gravel. 3rd rate
Timber scattering cedar on
45.00 chs.
Mountainous on 8.00 chs.

BOOK-A-193

Township 23 South R. 17 West

6	5	4	3	2	1 304
7	8	9	10	11	12 303
18	17	16	15	14	13 302
19	20	21	22	23	24 301
30	29	28	27	26	25 300
31	32	33	34	35	36 299

BOOK-A-193

Wah Wah Guide Meridian

Chs.	N bet. sec's. 25 and 30. Var. 16° 15' E.
40.00	Set blue lime stone 14 X 12 X 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 X 18 X 12 ins. N and S stone 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.
45.00	Enter Cedars.
80.00	Set blue lime stone 14 X 12 X 6 9 ins. in the ground for cor. sec's. 19. 24. 25 X 30 marked 2 notches on S and 4 on N edge dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside. Land rolling. Soil mixed with sand and gravel 2nd and 3rd rate. Timber, cedars on 15.00 chs. Mountainous on 80.00 chs.

T 23 S bet

s.	N. bet
00	Set bl 10 ins. cor. mo pits 18 stone mound 3 1/2 ft.
0.00	Set b ins. 11 cor. to marke N and 18 X 12 i dist. a earth along Land Soil gravel Mou

T 23 S bet. Tps. 16 & 17 N. S. L. M.

N. bet. secs 19 and 24.
Var. 16° 15' E.

Set blue lime stone 15 X 12 X 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 X 18 X 12 ins. N and S of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

Set blue lime stone 16 X 12 X 8 ins. 11 ins. in the ground for cor. to secs. 13. 18. 19 and 24 marked with 3 notches on the N and S faces. dug pits 18 X 18 X 12 ins in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside.

Land rolling descending N. E. Soil mixed with sand and gravel 2 nd 3 d rate

Mountainous on 8000 chs.

Wah Wah Guide Meridian

chs	
	N bet. secs. 13 and 18
	Var. 16° 15' E.
40.00	Set blue lime stone 15 X 12 X 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 X 18 X 12 ins N & S of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
80.00	Set blue lime stone 15 X 12 X 10 ins. in the ground for cor. secs. 7. 12. 13 and 18 marked 2 notches on N and 4 on S edge dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.
	Land descending N.
	Soil mixed with sand and gravel 2nd and 3rd rate
	Mountainous on 80.00 chs.

BOOK-A-1

T 2 3 S. b

chs.	
	N. b
0.00	Set
	11 ins.
	cor.
	pits
	stone
	moun
	3½ ft
0.00	Set
	9 ins.
	to sec
	5 not
	dug p
	sec.
	moun
	4½ f
	Lan
	Soil
	grave
	Mo

T. 3 S. bet. R. 16 & 17 W. S. L. M.

N. bet. secs. 7 and 12
Var. 16°15' E.

Set white lime stone 14 X 12 X 6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face. dug pits 18 X 18 X 12 ins. N and S of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

Set blue lime stone 14 X 12 X 7 ins. 9 ins. in the ground for cor. to secs 1, 6, 7 and 12 marked 5 notches on S and 1 on N edges. dug pits 18 X 18 X 12 ins in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside.

Land rolling.

Soil mixed with sand and gravel 2nd and 3rd rate.

Mountainous on 8 0.00 chs.

Wah Wah Guide Meridia

Chs.	N bet. secs. 1 and 6. Var. 16° 15' E.
20.00	Wash 5 ft. deep. drains E.
39.00	" " " " E.
40.00	Set blue lime stone 14X12X6 in 9 ins. in the ground for 1/4 sec cor marked 1/4 on W face, dug pits 18X18X12 ins. N and S of stone 5½ ft. dist. and raised mound of earth 1½ ft. hig 3½ ft. base alongside.
55.00	Leave mountains and enter Snake Valley.
64.50	Wash 5 ft. deep. drains E.
79.00	" 3½ " " " E.
80.00	Set black lava stone 14X12X6 ins. 9 in ground for cor. to Tp's. 22 & 23 S. R's 16 & 17 W marked 6 notches on each ed dug pits 24X18X12 ins lengthwise on eo line N. S. E & W of stone and raised a mound of earth 2½ ft. high 5 ft. base alongside.
	Land rolling and broken.
X	Soil mixed with sand and gravel 2nd and 3rd rate
	Mountains on 55.00 chs.

BOOK-A-19

T 22 S

Chs.	From S. R by
5.00	Wash
0.00	Set 9 ins. cor. pits 5½ f mou 3½ f
0.00	Set b in gro & 36 n 1 on S each mou ft. b L S grave

T. 22 S. Rs. 16 & 17 W. S. L. M.

From the cor. to Tps. 22 & 23 S. Rs. 16 and 17 W established by me, 9 run North bet. secs. 31 and 36.

Var. 16° 15' E.

5.00 Wash 3 ft. deep. drains E.

0.00 Set blue lime stone 14 X 12 X 6 ins. 9 ins in the ground for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 X 18 X 12 ins. N & S of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

0.00 Set blue lime stone 14 X 12 X 6 ins. 9 ins. in ground for cor. to secs. 25, 30, 31 & 36 marked with 5 notches on N & 1 on S edges dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside.

Land rolling.

Soil mixed with sand and gravel 2nd and 3rd rate.

No timber

BOOK-A-193

Township 22 South R. 17 West

6	5	4	3	2	1 310
7	8	9	10	11	12 309
18	17	16	15	14	13 308
19	20	21	22	23	24 307
30	29	28	27	26	25 306
31	32	33	34	35	36 305

Wah Wah Guide Meridian

Chs.	N bet. sec's. 25 and 30. Var. 16° 15' E.
17.00	Wash 3½ ft. deep. drains N. E.
36.50	" 4 " " " N. E.
40.00	Set blue lime stone 16 X 12 X 8 ins. 11 ins. in the ground for ¼ sec. cor. marked ¼ on W face dug pits 18 X 18 X 12 ins. N & S of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base along side.
80.00	Set blue lime stone 14 X 12 X 6 ins. 9 ins. in the ground for cor. to sec's. 19. 24. 25 and 30, marked 2 notches on S and 4 on N edges dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.
	Land ascending N.
	Soil sand and gravel mixed 2nd and 3rd rate.
	No timber.

T 22 S. bet. Rs 16 & 17 W. S. L. M.

N bet. secs 19 and 24
Var. 16° 15' E.

Set blue lime stone 15 X 12 X 7 ins. 10 ins in the ground for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 X 18 X 12 ins N & S of stone 3 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

Set blue lime stone 15 X 12 X 7 ins. 11 ins. in the ground for cor. to secs. 13. 18. 19 & 24, marked 3 notches on N. and S edges, dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside.

Land gently descending N
Soil, clay and sandy.
2nd and 3rd rate.
No timber

Wah. Wah. Guide Meridian

Chs.	N bet. secs. 13 and 18. Var. 16° 15' E.
40.00	Set blue lime stone 14 X 12 X [illegible] ins. 9 ins. in the ground for ¼ sec. cor. marked ¼ on W fa[illegible] dug pits 18 X 18 X 12 ins. N & S of stone 5½ ft. distant and and raised a mound of earth 1½ ft. high 3½ ft. base along
73.00	Wash 3 ft. deep drains. N W.
80.00	Set black lava stone 14 X 12 X [illegible] 9 ins. in the ground for cor. [illegible] secs. 7. 12. 13 and 18 marked 4 notches on 7 and 2 on N edges dug pits 18 X 18 X 12 ins. in eac[illegible] sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft base alongside. Land nearly level Soil clay and sand 2nd and 3rd rate. No timber.

BOOK-A-193

T 22 S. [illegible]

[illegible]	N b[illegible]
[illegible]00	Ente[illegible]
[illegible]00	Depo[illegible] ins. in [illegible] dug pit[illegible] cor. 5[illegible] mound [illegible] ft. ba[illegible] drove [illegible] square [illegible] marke[illegible]
[illegible]00	Waggo[illegible] Fillmo[illegible]
[illegible]00	Deposi[illegible] in the [illegible] 7 and 1[illegible] in eac[illegible] raised [illegible] high [illegible] S. E. p[illegible] square, [illegible] ground [illegible] T 22 [illegible] R. 16 [illegible]

T 22 S. bet. R. 16 & 17 W. S. L. M.

N bet. sec's. 7 and 12
Var. 16° 15' E.

Enter mountain rush.

Deposited a marked stone 12 ins. in the ground for 1/4 sec. cor. dug pits 18 x 18 x 12 ins N & S of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground & marked ½ S on N face.

Waggon road leading from Fillmore to Smoke Creek course N.W.

Deposited a marked stone 12 ins. in the ground for cor. to sec's. 1. 6. 7 and 12, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. distant and raised a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit drove a stake 2 ins. square, 2 ft. long, 12 ins. in the ground marked.

T 22 S. S 6 on N.E.
R. 16 W S 7 on S E.

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Wah Wah Guide Meridian T 21 S.

Chs. R 17 W. S 12 on S W. and S 1 on N W faces with 5 notc
on the S and 1 on N edges.
Land nearly level
Soil mixed with clay 1st & 2nd
Under growth mountain rush on 80.00

N bet. secs. 1 and 6.
Var. 16° 15' E.

35.00 Leave sage brush.

40.00 Set blue lime stone 14 X 12 X 6 in
9 ins. in the ground for 1/4 sec. cor.
marked 1/4 on W face. dug pits 18 X 18 X 12
N & S of stone 5 1/2 ft. dist. and raise
and raised a mound of earth 1 1/2 ft
high 3 1/2 ft. base alongside.

42.00 Wash 3 1/2 ft. deep drains S W.

80.00 Set blue lime stone 18 X 12 X 10 ins 12
in ground for cor. to Tps. 21 and
22 S Rs. 16 & 17 W marked
6 notches on each edge, dug
pits 24 X 18 X 12 ins. lengthw
on each line N. S E and
W of stone 6 ft. distant.

T 21 S. Rs 16 & 17 W. S L M.

and raised a mound of earth 2½ ft. high 5 ft. base alongside.

Land level.

Soil mixed with sand and gravel 2nd and 3rd rate.

No timber.

December 4th 1882

From the cor. to Tps 21 & 22 S. Rs. 16 and 17 W established by me I run North bet. secs. 31 and 36.

Var. 16° 15' E.

Wash drains S.W.

Set blue lime stone 14 X 12 X 6 ins. 9 ins. in the ground for ¼ sec. cor. marked ¼ on W face and dug pits 18 X 18 X 12 ins. N and S of stone 5½ ft. distant, and raised a mound of earth 1½ ft. high. 3½ ft. base alongside.

Set blue lime stone

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Township 21 South R. 17 West

6	5	4	3	2	1 316
7	8	9	10	11	12 315
18	17	16	15	14	13 314
19	20	21	22	23	24 313
30	29	28	27	26	25 312
31	32	33	34	35	36 311

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Wah Wah Guide Meridian

chs.	14 x 12 x 6 ins. 9 ins. in the gr[illegible] for cor. to sec's. 25. 30. 31 and 3[illegible] marked 1 notch on S and 5[illegible] N edges, dug pit 18 x 18 x 12 ins. in each sec. 5½ ft. distant and raised a mound of eor[illegible] 2 ft. high 4½ ft. base along[illegible] Land level Soil mixed with sand a[illegible] gravel 2nd and 3rd rate. No timber.
	North bet. sec's. 25 and 30 Var. 16° 15' E.
39.00	Wash drains W.
40.00	Set blue lime stone 14 x 12 x [illegible] ins. 9 ins. in the ground fo[illegible] ¼ sec. cor. marked ¼ on W face dug pits 18 x 18 x 12 ins. N and S of stone 5½ ft. dist. and raised a mound of eart[illegible] 1½ ft. high 3½ ft. base alongside
65.00	Wash drains S. W.

T 21 S.

[illegible]	Set b[illegible] ins. 12 [illegible] cor. to [illegible] marke[illegible] 4 on N [illegible] 12 ins. [illegible] and re[illegible] 2 ft. hi[illegible] alongs[illegible] Land [illegible] Soil [illegible] mixed [illegible] No t[illegible]
	N. b[illegible]
[illegible]	Wash d[illegible]
[illegible]	Set b[illegible] x 7 ins. [illegible] for ¼ [illegible] W face [illegible] N and [illegible] distan[illegible] of eart[illegible]

T 21 S. Rs. 16 and 17 W. S. L. M.

Set blue lime stone 18X12X6 ins. 12 ins. in the ground for cor. to sec's. 19 24, 25 and 30 marked 2 notches on S and 4 on N edges, dug pits 18X18X12 ins. in each sec. 5½ ft. dist. and raised a mound of cor. 2 ft. high 4½ ft. base alongside

Land rolling.

Soil sand and gravel mixed 2nd and 3rd rate.

No timber.

N bet. sec's. 19 and 24.

Var. 16° 15' E.

Wash drains W.

Set blue lime stone 16X12X7 ins. 11 ins. in the ground for ¼ sec. cor. marked ¼ on W face, dug pits 18X18X12 ins. N and S of stone 5½ ft. distant and raised a mound of earth 1½ ft. high 3½ ft base

Wah Wah Guide Meridian

Chs.	
	alongside.
45.00	Land descending N.
80.00	Set blue lime stone 16 X 12 X 7 11 ins in the ground for cor to secs. 13, 18, 19 and 24 marked 3 notches on N and S edges, dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist and raised mound of earth 2 ft. high 4½ ft. base alongside
	Land descending N.
	Soil mixed with sand and gravel 2nd. and 3rd rate.
	No timber.

N bet. secs. 13 and 18.

Var. 16° 15' E.

40.00	Set blue lime stone 14 X 12 X 6 9 ins. in the ground for ¼ cor. marked ¼ on W face, dug pits 18 X 18 X 12 ins. N and S of stone 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base alongside.

T 21 S. bet. Rs. 16 & 17 W. S.L.M.

.50 Wash drains W.

.00 Set blue lime stone 15 X 12 X 7 ins. 10 ins. in the ground for cor. to secs. 7, 12, 13 and 18 marked 4 notches on S and 2 on N edges dug pits 18 X 18 X 12 ins in each sec. 5½ ft. distant and raised a mound of earth 2 ft high 4½ ft. base alongside.

Land nearly level

Soil mixed with sand and gravel 2 nd. and 3rd. rate.

No timber.

N bet. secs. 7 and 12
Var. 16° 15' E.

.00 Set blue lime stone 14 X 12 X 6 ins. 9 ins. in the ground for ¼ sec. cor. marked ¼ on W face dug pits 18 X 18 X 12 ins. N and S of stone 5½ ft distant and raised a

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Wah Wah Guide Meridian T 21 S. b

Chs.	
	mound of earth 1½ ft. high. 3½ ft. base alongside.
60.00	Foot of ridge.
70.00	Wash drains S. W.
80.00	Set blue lime stone 16X12X ins. 11 ins. in the ground for cor. to sec's. 1. 6. 7 and 12 marked with 1 notch on N and 5 on S edges, dug pits 18X18X12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside. Land rolling. Soil mixed with sand and gravel, 3rd rate. No timber.
	N bet. sec's. 1 and 6. Var. 16° 15' E.
18.50	Intersect Fourth standard Parallel South at a point 12.50 chs. E of the standard cor. to Tps 20 & 21 S. R's. 16 and

17 W,
lime st
firmly
marked
notches
with
stone
point
gray
ins.
for c
Rs. 16
6. 6.
E. Wa
a mo
stone
Lan
Soi

BOOK-A-193

T 21 S. bet. Rs. 16 & 17 W. S. L. M.

17 W, which is a blue limestone 18 X 16 X 10 ins. firmly set in the ground marked S.C. on N with 6 notches on N, E and W edges with mound of earth and stone alongside, and at point of intersection set a gray granite stone 22 X 12 X 7 ins. 16 ins. in the ground for closing cor. to T 21 S. Rs. 16 and 17 W marked C.C. on S with 6 notches on E. W and S edges and raised a mound of earth and stone alongside.

Land rolling.

Soil 3rd and 4th rate.

No timber.

December 5th 1882

General Description.

This line runs throug the Wah Wah and Snake Valleys. The townships on each side are level valleys and gently rolling benches, exc the Wah Wah and Pinion rang of mountains. which are from 2 to 6 miles. E and W of li No water is crossed by the l but there are natural reservo in the rock in many places on the mountains, from which good water is obtainab for drinking and watering stock.

There is good grass for grazing all along the line.

Andrew J. Stewart Jr.
U. S. Deputy Surveyor.

BOOK-

U. S. SURVEYOR

Salt Lake C

The foregoing

Wah-W

Township No. 25

Executed by C

Under 111

day of Sep

December

amined, the necess

the said field not

hereby approved.

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, August 4th 1883

The foregoing field notes of the survey of the Wah-Wah Guide Meridian

Township No. 25 to 21 S. and Range No. 16 & 17 W.

Executed by Andrew J. Stewart, Jr.

Under 111 contract of the 7th

day of September 1882, in the month of

December 1882, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

Frd Salomon

U. S. Surveyor General for Utah.

124

RT: 1884

188

ned by John H. Camp

ribed by E. Michaelis

red by L. W. Hickok & E. Michaelis

FIELD NOTES

OF THE SURVEY OF THE

th and West boundaries

OF

ship No 22 South

No 8 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart jr.

U. S. Deputy Surveyor,

Under his Contract No. 111.

ed September 7th 1882

ey commenced November 12th 1882

ey completed November 12th 1882

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West Boundary T 22 S. R. 8 W. S. L. M.

On the night of Nov. 10th 1882 I took an observation on the star polaris, in accordance with instructions contained in the manual of survey, and drove pickets on the line thus established.

Survey commenced Nov. 12/82 with a Burts improved solar compass.

Before commencing this survey I test my compass on the line established and find it correct.

I begin at the cor. to Tps 22 and 23 S. R's 8 and 9 W established by me.

Thence I run

North bet sec's. 31 and 36

Var. 16°00' E.

Trail course N E and S. W.

Deposited a quart of charcoal 12 ins. in ground for 1/4 sec. cor. dug pits 18x18x12 ins N and S of cor. 5½ ft. dist. and raised

West Boundary T22 S.

chs.	
	a mound of earth 1½ ft. high 3½ ft. base over it. In N pit drove a stake 2 ft. long 2 ins. square 12 ins. in ground marked ¼ S on W face.
78.00	Enter sand knolls.
80.00	Deposited a quart of charcoal 12 ins. in ground for cor. to sec. 25. 30. 31 and 36. dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked T22 S.S. 30 on N.E. R.8 W.S 31 on S.E. R.9 W.S 36 on S W and S 25 on N W faces, with 1 notch on S and 5 on N faces
	Land gently rolling and level.
	Soil sandy loam 2nd rate Undergrowth greasewood, [illegible] brush and shod scale on 80.00 ch

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R.8 W

North

Deposit
12 ins. i
cor. dug
S of cor.
raised a
1½ ft. h
over it.
stake 2
12 ins.
¼ S on N
Depose
charcoal
for cor.
30 dug
each se
raised a
2 ft. hi
In S.
2 ft. lo
in grou
T22 S
R8 W
R9 W

R. 8 W. S. L. M.

North bet. sec's. 25 and 30
Var. 16°00' E.

Deposited a quart of charcoal 12 ins. in ground for 1/4 sec. cor. dug pits 18 X 18 X 12 ins. N X S of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N pit drove a stake 2 ft. long 2 ins. square 12 ins. in ground marked 1/4 S on W face.

Deposited a quart of charcoal 12 ins. in ground for cor. to sec's. 19, 24, 25 and 30 dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it.

In S. E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in ground marked
T 22 S. S. 19 on N. E.
R 8 W S 30 on S. E.
R 9 W S 25 on S. W and

West Boundary T22S

Chs.	S24 on N W. faces with 2 notches on S and 4 on N edges. Land covered with knoll Soil, sandy 2nd rate Undergrowth, mountain ru and greasewood on 80.00 c
	North bet. secs 19 and 24 Var. 16°00' E.
40.00	Deposited a quart of charco 12 ins. in ground for 1/4 sec. co dug pits 18x18x12 ins. N and S of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N pit drove a stake 2 ft. long 2 ins square 12 ins in ground ~~to~~ marked 1/4 S on W face.
80.00	Deposited a quart of charcoal 12 ins. in ground for cor to secs. 13. 18. 19 and 24 dug pits 18x18x12 ins. in each se 5½ ft. dist. and raised a

BOOK-A-193

R. 8 W.

mound o
4½ ft. b
S. E. pit
long 2 in
ground
T22
R 8 W
A 9 W
S 13 o
Land
Soil s
Underg
rush an
8000 c

North

00 Deposit
12 ins in
dug pits
of cor.
a mound
3½ ft. b
pit drov

mound of earth 2 ft. high
4½ ft. base over it. In
S. E. pit drove a stake 2 ft.
long 2 ins. square 12 ins. in
ground marked
T 22 S.S. 18 on N. E.
R 8 W S 19 on S. E.
R 9 W S 24 on S W and
S 13 on N W faces.
Land rolling.
Soil sandy 2 nd. rate
Undergrowth, mountain
rush and greasewood on
8 000 chs.

North bet. secs. 13 and 18
Var. 16° 00' E.
Deposited a quart of charcoal
12 ins in ground for ¼ sec. cor.
dug pits 18 X 18 X 12 ins. N and S
of cor. 5½ ft. dist. and raised
a mound of earth 1½ ft. high
3½ ft. base over it. In N
pit drove a stake 2 ft. long

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West Boundary T 22 S. R. 8 W.

Chs.	
	2 ins. square 12 ins. in ground. marked ¼ S on W face.
43.00	Top of bluff course N. E. and S. W.
46.50	Foot of ridge and across batte
65.00	Dry bed of river 30 lks. wid 6 ft. deep course N. E.
80.00	Deposited a quart of char coal 12 ins. in ground for cor. to secs. 7, 12, 13 and 18 dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base ov it. In S. E. pit drove a stake 2 ft. long 2 ins. squar 12 ins. in ground marked T 22 S. S. 7 on N. E. R 8 W S 18 on S. E. R 9 W. S 13 on S W and S 12 on N W faces with 4 notches on S and 2 on N edges.
	Land rolling and wel
	Soil mixed with sand

clay an
Under
and rus

N bet

To top
ft. abov
Leave g
enter m
course N
Depos
12 ins. in
dug pits
of cor. 5,
raised a
1½ ft. he
over it.
stake 2 f
12 ins. in
on W fac
Road
Top of
Set a c

clay and gravel 2nd rate
Undergrowth, greasewood
and rush brush on 8000 chs.

N bet. secs. 7 and 12
Var. 16°00' E.
To top of bluff about 40
ft. above last sec. cor.
Leave greasewood and
enter mountain rush,
course N E and S. W.
Deposited a quart of charcoal
12 ins. in ground for ¼ sec. cor.
dug pits 18 x 18 x 12 ins N & S of
of cor. 5½ ft. dist. and
raised a mound of earth
1½ ft. high 3½ ft. base
over it. In N pit drove a
stake 2 ft. long 2 ins. square
12 ins. in ground marked ¼ S
on N face.
Road course N. E. and S. W.
Top of bench.
Set a cobble stone 14 x 10 x 4 ins.

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West Boundary T 22 S. R. 8 W.

chs

9 ins. in ground for cor. to secs. 1. 6. 7 and 12 marked 5 notches on S and 1 on N edge dug pits 18x18x12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.

Land gently rolling.
Soil 2nd rate
No timber.

North bet. secs. 1 and 6.
Var. 16° 00' E.

40.00 Deposited a quart of chars 12 ins. in ground for ¼ sec. cor. dug pits 18x18x12 ins. N and S of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 4½ ft. base over. In N pit drove a stone 2 ft. long 2 ins. square 12 ins. in ground marked ¼ S on W face

57.28 Road course S E and N W

Deposited
ins. in g
T ps. 21
9 W. dug
length wo
S. E and
and rais
earth 2
over it.
a stone
square
marked.
T 21
R. 8
T 22
R 9
faces w
each ed
Land
Soil
No

BOOK-A-193

R. 8 W. S. L. M.

Deposited a marked stone 12 ins. in ground for cor. to Tps. 21 and 22 S. R's 8 and 9 W. dug pits 24 X 18 X 12 ins. lengthwise on each line, N S E and W of cor. 6 ft. dist. and raised a mound of earth 2½ ft. high 5 ft. base over it. In S. E. pit drove a stake 2 ft. long 2 ins square 12 ins. in the ground marked.

T 21 S. S. 3 on N. E.
R. 8 W. S 6 on S. E.
T 22 S. S. 1 on S W and
R 9 W. S. 36 on N W.

faces with 6 notches on each edge.

Land gently rolling
Soil ~~sandy~~ 2nd rate
No timber.

North Boundary T22S.

chs. From the cor. to Tps. 21 and 22 S Rs 8 and 9 W establish by me under present contr I run east on a random bet. said Tps. the Var. of my compass being 16°00' E. I set temporary half mile and mile corners at each 40 and 80.00 chs. and find the towns line to be 5 miles 79 chs. and 25 lks long and the falling to be 7.82 chs. N of the cor. to Tps. 21 and 22 S Rs. 7 and 8 W re-established by me. I find this cor. on the Guide Meridian to be more than three chains, the distance allowed by the Manual of surveys for connection. Therefore at the point of intersection I set a black lava stone 15 x 10 x 4 ins 10 ins. in the ground marked C.C. with 6 notches on N.S. and W edges, dug pits 24 x 18 x 1

BOOK-A-193

R. 8 W.

chs. lengthw and W and ra 2 ft. he alongsi the tru west per west.

From to Tps. 8 W. I line be

0.00 Deposit 12 ins. cor. du E and and ra earth 1 alongsi a stake 12 ins. 1/4 S on Trail

1.00 "

9.00

lengthwise on each line N. S
and W of stone 6 ft. dist.
and raised a mound of earth
2 ft. high 4½ ft. base
alongside. The correction for
the true line will be 75 l'ks.
west per mile and its course
west.

From the closing corner
to T-p. 21 and 22 S. Rs. 7 and
8 W. I run west on a true
line bet. secs 1 and 36

Var. 16° 00' E.

Deposited a quart of charcoal
12 ins. in ground for ¼ sec.
cor. dug pits 18 x 18 x 12 ins.
E and W of cor. 5½ ft dist.
and raised a mound of
earth 1½ ft. high 3½ ft. base
alongside. In E pit drove
a stake 2 ft. long 2 ins. square
12 ins. in ground, marked
¼ S on N face.

Trail course N and S.
" " N E and S. W.

BOOK-A-193

North Boundary T 22 S. R. 8 W.

Chs.
80.00 Deposited a quart of charc
12 ins. in the ground for co
to secs. 1. 2. 35 and 36, dug
pits 18 X 18 X 12 ins. in each se
5½ ft. dist. and raised a
mound of earth 2 ft. high
4½ ft. base over it.
In S. E. pit drove a stake
2 ft. long 2 ins. square 12 in
in the ground marked
T 21 S.S. 36 on N. E.
R 8 W. S 1 on S. E.
T 22 S.S. 2 on S W and
S 35 on N W. faces with
5 notches on W and 1 on E
edges.
Land nearly level
Soil mixed with sand
and clay. 1st. and 2nd. rot
No timber.

West on a true line bet.
secs. 2 and 35
Var. 16° 00' E.

Trail N
Deposite
coal 12 i
for ¼ sec
ins. Ear
dist. and
earth 1½
over it.
stake 2 f
12 ins. i
¼ S on N
Trail c
Enter s
Deposite
12 ins. i
to secs. 2
pits 18 X 1
5½ ft. di
mound
2½ ft. b
In S.
2 ft. lou
in the
T 21
R 8

R. 8 W. S. L. M.

00 Trail N. E. and S. W.
00 Deposited a quart of char-
coal 12 ins. in the ground
for 1/4 sec. cor. dug pits 18X18X12
ins. E and W of cor. 5 1/2 ft.
dist. and raised a mound of
earth 1 1/2 ft. high 3 1/2 ft. base
over it. In E pit drove a
stake 2 ft. long 2 ins. square
12 ins. in ground marked
1/4 S on N face.
.50 Trail course N and S.
.00 Enter sand knolls.
00 Deposited a quart of charcoal
12 ins. in the ground for cor.
to secs. 2. 3. 34 and 35, dug
pits 18X18X12 ins. in each sec.
5 1/2 ft. dist. and raised a
mound of earth 2 ft. high
2 1/2 ft. base over it.
In S. E pit drove a stake
2 ft. long 2 ins. square 12 ins.
in the ground marked
T 21 S S. 35 on N E.
R 8 W. S. 2 on S. E.

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North Boundary T22 R. 8 W.

Chs.	T22 S.S. 3 on S W and S34 on N W faces. with 4 notches on W and 2 on E edges. Land rolling and lev Soil, mixed with sand clay 2nd and 3rd rate No timber.
	West on a true line b secs. 3 and 34 Var. 16° 00' E.
40.00	Set a cobble stone 14 X 12 X 4 ins. 8 ins. in the ground, f 1/4 sec. cor. marked 1/4 on N f dug pits 18 X 18 X 12 ins. E & W stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. hig 3 1/2 ft. base alongside.
45.00	Trail course S. E. and N. W.
80.00	Deposited a quart of charco 12 ins. in ground for cor. to secs. 3. 4. 33 and 34, dug pits 18 X 18 X 12 ins. in each sec.

5 1/2 ft.
mound
4 1/2 ft. b
S. E. pi
long 2
ground
T 21
R 8 W
T22 S
S33 on
3 notche
Land
Soil
No ti

West on
secs

7.00 Dry bed
drains

0.00 Deposit
12 ins. i
sec. cor.
E and

5½ ft. distant and raised a mound of earth 2 ft. high 4½ ft. base over it. In S. E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in ground marked

T 21 S S 34 on N. E.
R 8 W S 3 on S E.
T 22 S S on 4 on S W and
S 33 on N W. faces with
3 notches on E and W edges

Land level and rolling.
Soil 2nd rate
No timber.

West on a true line bet.
secs. 4 and 33.
Var. 16° 00' E.

7.00 Dry bed of river 6 ft. deep drains N. E.

0.00 Deposited a quart of charcoal 12 ins. in the ground for ¼ sec. cor. dug pits 18 x 18 x 12 ins. E and W of stone 5½ ft. dist.

North Boundary T22

Chs.	
	and raised a mound of ear 1½ ft. high 3½ ft. base over In E pit drove a stake 2 ft long 2 ins. square, 12 ins. in ground marked ¼ S on N face
80.00	Deposited a quart of char co 12 ins. in the ground for cor. to sec's. 4, 5, 32, and 33, dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft. base over it.
	In S. E. pit drove a sta 2 ft. long 2 ins. square 12 in in the ground marked.
	T21 S.S. 33 on N. E.
	R8 W.S. 4 on S.E.
	T22 S.S. 5 on S W and
	S32 on N W faces with 2 notches on W and 4 on E edges.
	Land, nearly level
	Soil 2nd rate
	No timber.

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R 8

	West o
	sec's. 3
00	Bluff
00	Deposi
	12 ins.
	sec. cor.
	E and
	dist. an
	earth 1½
	over it.
	stake 2
	12 ins. i
	¼ S on
00	Deposit
	12 ins.
	sec's. 5. 6
	18 X 18 X 12
	ft. dist
	of earth
	over it.
	stake 2
	12 ins.
	marked
	T21 S

R 8 W. S. L. M.

West on a true line bet.
sec's. 5 and 32
Var. 16°00' E.
Bluff 200 ft. high N & S.
Deposited a quart of charcoal
12 ins. in the ground for 1/4
sec. cor. dug pits 18x18x12 ins.
E and W of stone 5½ ft.
dist. and raised a mound of
earth 1½ ft. high 3½ ft. base
over it. In E pit drove a
stake 2 ft. long 2 ins. square
12 ins. in the ground marked
1/4 S on N face.
Deposited a quart of char coal
12 ins. in ground for cor. to
sec's. 5. 6. 31 and 32. dug pits
18x18x12 ins. in each sec. 5½
ft. dist. and raised a mound
of earth 2 ft high 4½ ft. base
over it. In S. E. pit drove a
stake 2 ft. long 2 ins. square
12 ins. in the ground
marked
T 21 S S 32 on N. E.

North Boundary T22S

Chs	R 8 W. S 5 on S. E. T22 SS 6 on S W and S 31 on N W faces with 5 notches on E and 1 on W edges. Land rolling. Soil sandy 2nd. rate No timber
	West on a true line bet secs. 6. and 31 Var. 16°00' E.
30.00	Top of low sand ridge course N and S
40.00	Set a lime stone 14X10X4 ins 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face. dug pits 18X18X12 ins. E and W of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
79.25	The cor. to T'ps. 21 and 22 S. R's 8 and 9 W

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A. & W. S. L. M.

Land gently rolling.
Soil sandy 2nd. rate.
No timber.
November 12. 1882

General Description

This township is level and rolling ground with some rich bottom land along Beaver river (which is now dry) on the benches and rolling ground is good grass for grazing.

There is no permanent settler in the township, the land being now used chiefly for winter grazing.

The U. P. R. R. runs just west of the township.

The township should be subdivided.

Andrew J. Stewart Jr.

U. S. Deputy Surveyor.

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah August 4th *1883*

The foregoing field notes of the survey of the North and West boundaries

Township No. 22 South *Range No.* 8 West

Executed by Andrew J. Stewart Jr

Under No III *contract of the* 7th

day of September *1882, in the month of* November *1882, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A-193 338 114

REPORT: 1884

Filed 188

Examined by John H. Campe

Transcribed by E. Michaelis

Compared by L.W. Hickak & E. Michaelis

FIELD NOTES

OF THE SURVEY OF THE

fractional

South and North

Boundaries

OF

Township No 22 South

Range No 12 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart, Jr.

U. S. Deputy Surveyor,

Under his Contract No. 111

Dated September 7th 1882.

Survey commenced November 19th, 1882

Survey completed November 19th, 1882.

BOOK-A-193

Township 22 South R. 12 West

343	344	345			
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
338	339	340	341		

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3387B

South Boundary T22S R12 W S.L.M.

Survey commenced Nov 19/82
From the cor. to Tps. 22 & 23 S. R's 12 & 13 W. I run
E on a true line
bet. secs. 6 & 31
Var. 16°15' E

Knowing that the line will strike the westerly shore of Severe Lake in less than 6 miles

20.00 Road from Wah Wah to Cedar fort course N & S

25.50 Wash in hollow 20 lks wide drains E.

40.00 set blue lime stone 14 X 10 X 6 ins, 9 ins in the ground for 1/4 sec. cor. marked 1/4 on N face deg pits 18 X 18 X 12 ins E & W of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside

80.00 Set gray granite stone 14 X 12 X 6 ins, 9 ins in the ground for cor. to secs. 5. 6. 31 & 32 marked 1 notch on W and 5 on E edges.

South Boundary T 22 S

Chs.	dug pits 18X18X12 ins. in each sec. 5½ ft. distant and raised a mound of earth 2½ ft high 4½ ft. base alongside
	Land rolling bench, descends E
	Soil 2nd rate
	"No Timber".
	E on true line bet. secs. 5 & 32 Var. 16° 15' E
40.00	Set gray granite stone 16X14X 12 ins. 11 ins in the ground for ¼ sec. cor. marked ¼ on N face and raised a mound of earth and stone alongside
76.00	Leave bench and edge of low marshy ground, course N.W. X S.E.
80.00	Set gray granite stone 16X14X 12 ins. 11 ins in the ground for cor. to secs. 4, 5, 32 & 33 marked 2 notches on W and 4 on E edges and raised a mound of earth and stone alongside.

BOOK-A-193

R. 12 W. S. L. M.

Land gently sloping bench. Soil mixed with sand 2nd rate Undergrowth. Mountain rush brush on 76 chs.

E on true line bet. secs. 4 & 33
Var. 16° 15' E

40.00 Deposited a marked stone 12 ins in the ground for 1/4 sec. cor. dug pits 18 X 18 X 12 ins E & W of stone 5½ ft. distant and raised a mound of earth 1½ ft high 3½ ft base ~~alongside~~ over it.

In E pit drove stake 2 ft. long 2 ins square, 12 ins. in the ground marked 1/4 on S. face.

80.00 Deposited a marked stone 12 ins. in the ground for cor. to secs 4. 5. 32 & 33 dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. distant and raised a mound of earth 2½ ft high 5½ ft. base over it.

In S. E pit drove a stake

BOOK-A-193

South Boundary T22 S

Chs.	2 ft. long 2 ins. square, 12 ins. the ground, marked T22 S. S 34 on N.E. R. 12 W S 3 on S.E. T23 S S 4 on S W and S 33 on N W faces with 3 notches on E and W edges Land flat or level Soil 2nd rate No timber
	E on true line bet. secs. 3 & 3 Var 16° 15' E
40.00	Deposited a marked stone 12 ins. in the ground for 1/4 cor. and Meander cor. dug pit 18 X 18 X 12 ins E and W of cor 5 1/2 ft. distant and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E pit drove a stake 2 ft. long 2 in. square 12 ins in ground marked 1/4 S. M.C on N face.

R. 12

It is
to the
lake an
marshy
Land
Soil
No

R. 12 W. S. L. M.

It is less than half a mile to the water of the Severe lake and the ground is too marshy to continue line further.

Land flat and marshy

Soil 3rd rate

"No timber."

N. boundary T 22 S. R. 12

Chs.	
	From the cor. to Tps. 21 and 22 S R. g's 12 and 13 W Trun
	E on a true line bet. sec 6 X 31
	Var. 16°15' E
	Knowing the line will intersect the west boundary of Severe lake in less than 6 miles
10.00	Wash drains N.E.
40.00	Set blue lime stone 16X10 ins. 11 ins in the ground for 1/4 cor. marked 1/4 on N face and raised a mound of earth and stone alongside.
51.00	Wash drains N.E.
80.00	Set blue lime stone 15X10X ins. 10 ins in the ground for cor. to sec's. 5, 6, 31 and 32 marked 1 notch on W and 5 on E edges and raised a mound of earth and stone alongside
	Land bench descending gully to E.

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S. L.

Chs.	
	Soil 2nd r Under rush o
	E on 5 an
.00	Set bl ins 11 in 1/4 sec. co face. d E and N and ra earth 1 1/2 base al
7.00	Leave at W ed N W and
.00	Set b 4 ins. 9 in cor. to marked 4 on E ins. in e

S. L. M.

Soil mixed with gravel 2nd rate
Undergrowth, mountain rush on 8 000 chs.

E on true line bet. secs. 5 and 32. Var. 16°15' E.
Set blue lime stone 16X6X5 ins 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face. dug pits 18X18X12 ins E and W of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
Leave bench and undergrowth at W edge of marsh, beare N W and S. E.
Set blue lime-stone 14X10X4 ins. 9 ins in the ground for cor. to secs. 4, 5, 32 & 33, marked 2 notches on W and 4 on E edges, dug pits 18X18X12 ins. in each sec. 5½ ft. dist.

Chs.

and raised a mound of earth 2½ ft. high 4½ ft. base alongside.

Land. W ¾ mile gently rolling bench soil 1st and 2nd rate

E ¼ mile soil marshy 3rd rate, undergrowth, mountain rush and sage brush on 5.00 chs.

E on true line 1st. secs. 4 & 33 Var. 16° 15' E.

4.00 Deposited a marked stone 12 ins in the ground for ¼ sec. cor. marked ¼ on N face, dug pits 18 X 18 X 12 ins E and W of cor. 5½ ft. distant and raised a mound of earth 1½ ft high 3½ ft base over it.

I E pit drove a stake 2 ft. long 2 ins square 12 ins in the ground marked ¼ on N face.

2.00 Depo
12 in
mean
secs.
3 ft.
W of
mou
4½ f
pit
squa
in t
M.
T 21
R 12
T 22
on
and
the e
is in
nearer
accou
grou
Cou
Dou
L

R 12 W. S. L. M.

12.00 Deposited a charred stake 12 ins in the ground for meander cor. to fractional secs. 4 and 33, dug a pit 3 ft. square 1 ft. deep 5 lks W of cor. and raised a mound of earth 2 ft. high 4½ ft. base over it. In pit drove a stake 2 ins. square, 2 ft. long. 12 ins in the ground, marked
M.C with
T21 on N
R 12 W on W and
T22 on S faces
on west side of Severe Lake and about 18 ~~chns.~~ from the edge of the water. It is impracticable to chain nearer to the water on account of the marshy ground.

Course of lake N 12° E and South.

Land level

BOOK-A-

Chs. Soil marshy 1st and 2nd rate.

November 19th 1882.

General Description

This fractional township is bounded on the east by the Severe Lake.

It has an abundant growth of vegetation.

On the bench the soil is generally 2nd rate, and part of it would produce crops without irrigation. (produces good grass.)

The remainder consists of marshy land, near the lake, from which the water seems to have permanently receded.

The soil is 3rd and 4th rate.

2t.

U

BOOK-A-193

It should be subdivided.

Andrew J. Stewart Jr.
U. S. Deputy Surveyor.

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, August 14th *1883*

The foregoing field notes of the survey of the fractional

Southern North boundaries

Township No. 22 South *Range No.* 13 West

Executed by Andrew J. Stuart jr.

Under No III *contract of the* 7th

day of September *1882, in the month of*

November *1882, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salsbury

U. S. Surveyor General for Utah.

9 BOOK-A-193 115

REPORT: 1884

Filed 188

Examined by John H. Gaupe

Transcribed by E. Michaelis

Compared by L. W. Hickok & O. Hattelmann

FIELD NOTES

OF THE SURVEY OF THE

West and North boundaries

OF

Township No 22 South

Range No 13 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart jr

U. S. Deputy Surveyor,

Under his Contract No. 111.

Dated September 7th 1882

Survey commenced November 24th 1882

Survey completed November 24th 1882.

BOOK A-193

Township 23 South R. 13 West

	361	360	359	357	356	355
353	6	5	4	3	2	1
352	7	8	9	10	11	12
351	18	17	16	15	14	13
350	19	20	21	22	23	24
349	30	29	28	27	26	25
348	31	32	33	34	35	36

West boundary T. 22 S. R. 13 W. S. L. M.

Survey commenced Nov. 24. 1882
From the corner to Tps. 22
& 23 S. Rgs. 13 & 14 W. I run
North bet. secs. 31 & 36
Va. 16° 30' E.

.00 Set a blue lime stone
18x12x7 ins. 12 ins. in the
ground for 1/4 sec. cor.
marked 1/4 on W. face, dug
pits. 18x18x12 ins. N & S
of stone 5 1/2 ft. dist. and
raised a mound of earth
1 1/2 ft. high 3 1/2 ft. base,
alongside.

.00 Set blue lime stone 14x12
x7 ins. 9 ins. in the ground,
for cor. to secs. 25. 30. 31 &
36. marked 1 notch S and 6
on N. edges and raised a
mound of earth and stone,
alongside.

Land level.
Soil, mixed with sand and
gravel 2nd & 3rd rate.
Undergrowth, white sage on
80.00 chs.

BOOK-A-193

West boundary T. 22 S. R. 13

North bet. secs. 25 & 30
Va. 16° 30' E

40.00 Set black lava stone
12 x 6 ins. 9 ins. in grou
for 1/4 sec. cor. marked 1/
on W. face dug pits 18 x
x 12 ins. N & S. of stone
5 1/2 ft. dist, and raised a
mound of earth 1 1/2 ft. hi
3 1/2 ft. base alongside.

80.00 Set white flint stone 1
12 x 7 ins. 9 ins. in groun
for cor. to secs. 19. 24. 2
& 30 marked 2 notches
on S. and 4 on N. edges
and raised a mound of
earth and stone along
Land, level.
Soil, mixed with sand
and clay 2nd rate.
Undergrowth, white
sage and shadscale
on 80 chs.

North

00 Depos
ins. m
sec. co
ins. N
and rai
1 1/2 ft.
it. Im
stake 2
12 ins.
1/4 S. on

00 Set bl
ins. 9 m
cor. to
marke
S. edg
moun
alongs
Land,
Soil, m
clay 2
Under
rush &

S. L. M.

North bet. secs. 19 & 24
Va. 16°30' E

00 Deposited marked stone 12 ins. in the ground, for 1/4 sec. cor. dug pits 18 X 18 X 12 ins. N & S. of cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In N. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground, mkd. 1/4 S. on W. face.

00 Set blue lime stone 14 X 12 X 6 ins. 9 ins. in the ground for cor. to secs. 13 18. 19 & 24. marked 3 notches on N & S. edges, and raised a mound of earth and stone alongside.

Land, level.

Soil, mixed with sand and clay 2nd rate.

Undergrowth, mountain rush on 80. chs.

West boundary T. 22 S. R. 13 W. S.

North bet. secs. 13 & 18
Va. 16°30' E.

40.00 Set blue lime stone 14x12
9 ins. in the ground for 1/4
cor. marked 1/4 on W. face,
dug pits 18x18x12 ins. N &
of stone 5½ ft. dist. and
raised a mound of earth
ft high 3½ ft. base along
55.00 Leave brush.
60.00 Foot of rocky knoll
62.50 To precipitous ledge im
racticable to chain up
Therefore offset E. 8.00
to point E of mountain
thence S run W on an
offset line and counting
from last sec. cor.
80.00 Set gray granite stone
20x12x6 ins. 16 ins. in
ground for witness cor.
secs. 7, 12, 13 & 18, marked
notches S and 2 and W.
on N. edges, and raised a
mound of earth and stone

along
shape
300 ft.
Land,
Soil,
Under
ras h

North o
sec

50 To poi
W. 8.00
7 and 12
Foot of
S.
.00 Enter
.00 Depos
12 ins.
1/4 sec.
12 ins.
dist. a
of eart
base o

alongside. 8 chs. E of cone shaped mountain about 300 ft. high
Land, nearly level.
Soil, sandy 2nd rate
Undergrowth, mountain rush on 55. chs.

North on offset for line bet. secs. 7 and 12
Ed. 16° 30' E
50 To point thence I offset W. 8.00 chs. to line bet. secs 7 and 12 and continue N.
Foot of mountain is 2 chs. S.
.00 Enter mountain rush.
2.00 Deposited marked stone 12 ins. in the ground for 1/4 sec. cor. dug pits 18 x 13 x 12 ins. N. & E. of cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it.

E 35.3 West boundary
T. 22 S. R 13 W.

In N. pit drove a stake, 2
ft. long 2 ins. square, 12
ins. in the ground
marked 1/4 S. on W. face
79.25 Wash 4 ft. deep drains W.
80.00 Set blue lime stone 17 x 12
x 6 ins. 12 ins. in the gro
for cor. to secs. 1. 6. 7 & 12.
marked 5 notches S & 1 on
N. edges, and raised a
mound of earth and sto
alongside.
Land, rolling.
Soil, sandy 2nd rate
Undergrowth, mountain
rush on 80. chs -

North bet. secs. 1 and 6
Va. 16° 30' E
40.00 Deposited a marked
stone 12 ins. in the grou
for 1/4 sec. cor. dug pits
18 x 18 x 12 ins. N and S. of c
5 1/2 ft. dist. and raised a
mound of earth 1 1/2 ft. hig

BOOK-A-19
S

3 1/2 f
In N
stak
squa
grou
W. fa
.00 Set
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21 an
W. m
each
x 18 x
5 1/2 f
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Land
Soil,
Unde
rush

BOOK-A-193

3½ ft. base over it.
In N. pit drove a
stake 2 ft. long 2 ins.
square 12 ins. in the
ground marked 1/4 S on
W. face.
3.00 Set blue lime stone 28
X 12 X 8 ins. 21 ins. in the
ground for cor. to Tps.
21 and 22 S. Rs. 13 & 14
W. marked 6 notches on
each edge, dug pits 18
X 18 X 12. ins. in each sec.
5½ ft. dist. and raised
a mound of earth 2 ft.
high 4½ ft. base alongside
Land rolling.
Soil, sandy 2nd rate
Undergrowth, mountain
ruish on 80. chs.

North Boundary T22S

Chs. From the cor. to 21 and 22 S. R's 13 and 14 W I run E on a random line bet. said Tps. the var. of my compass being 16°15' E. I set temporary half mile and mile corners at each 40.00 and 80.00 chs and find the township line to be 5 miles 78 chs. long and the falling be 294 lks N of the cor. to Tps 21 and 22 S. R's 12 x 13 W. The correction for the true line will therefore be 49 lks. S and 2.00 chs W per mile and its course will be N 89°39° W

N 89°39 W on a true line bet. secs 1 and 36

Var. 16°15' E.

23.50 Wash course S. E. brush thicker and higher.

40.00 Set blue lime stone 14 x 12 x 6 ins. 9 ins in the ground for 1/4 sec. cor. marked 1/4 on N

R. 13

face.
E and
and
earth
alongs
57.50 Wash
80.00 Set
ins. 9
cor. to
marke
Wedge
in ea
and
earth
alongs
Lan
Soil
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N
bet

face, dug pits 18x18x12 ins.
E and W of stone 5½ ft. dist.
and raised a mound of
earth 1½ ft. high 3½ ft. base
alongside.
7.50 Wash drains N. E.
0.00 Set blue lime stone 14x12x10
ins. 9 ins. in the ground for
cor. to secs. 1. 2. 35 and 36
marked 1 notch E and 5 on
W edges, dug pits 18x18x12 ins.
in each sec. 5½ ft. dist.
and raised a mound of
earth 2 ft. high 4½ ft. base
alongside.
Land rolling bench
Soil 2nd rate.
Undergrowth mountain
rush, grease wood and
shad scale on 8.00 chs.

N 89°39 W on a true line
bet. secs. 2 and 35
Var. 16° 15' E.

North Boundary T 22 S

chs.	
40.00	Set blue lime stone 22x6x5 16 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face, dug pits 18x18x12 in E and W of st 5½ ft. distant and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
80.00	Set blue lime stone 18x8x6 12 ins. in the ground for cor to secs. 2, 3, 34 and 35 mark 2 notches on E and 4 on W edges and raised a mound of earth and stone alongside
	Land rolling bench
	Soil 2nd rate
	Undergrowth, grease wood and mountain rush on 80.00 chs.

N 89°39° W on a true line bet. secs. 3 and 34
Var. 16°15' E.

35.00	Foot of mountain.
40.00	Set blue lime stone 14x12x3 in

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R. 13

s.	9 ins.
	marked
	raised
	1½ ft
	along
8.00	Moun
0.00	Top of
	high
8.00	Top of
	hollow
0.00	Set g
	8 ins. 1
	stone
	for co
	mark
	W edg
	of ear
	Land
	mount
	Soil
	Unde
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BOOK-A-193

3518

Q. 13 N. S. L. M.

9 ins. in the ground for 1/4 sec. cor.
marked 1/4 on N face and
raised a mound of earth
1½ ft. high 3½ ft. base
alongside.

8.00 Mountain more abrupt.

.00 Top of mountain about 500 ft.
high course N and S.

8.00 Top of ridge about 80 ft. above
hollow course N and S descend.

0.00 Set gray granite stone 16X12X
8 ins. 11 ins in a mound of
stone on W slope of rocky ridge
for cor. to sec's. 3. 4. 33 and 34
marked 3 notches on E and
W edges and raising a mound
of earth and stone alongside.

Land rolling bench and
mountains.

Soil 2nd and 4th rate.

Undergrowth, mountain
rush on 35.00 chs.

Mountains on 45.00 chs.

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North Boundary T 22 S.

Chs.	
	N 89° 39 W on a true line bet. sec's. 4 and 33 Var. 16° 15' E.
17.50	Leave valley and ascend mountain course E and W
40.00	Set black lava stone 20 X 14 X 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face, d pits 18 X 18 X 12 ins. E and W of stone 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.
52.50	Foot of hill about 250 ft. below top descends E, across flat cañon or valley course and S, enter sage brush.
80.00	Set blue lime stone 18 X 15 X 9 in 12 ins. in the ground for cor. sec's. 4, 5, 32 and 33 marked 4 notches on E and 2 on W edges and raised a mound of earth and stone alongside. Land high, rolling, rocky and level. Soil 1st and 4th rate. Mountains on 45.00 chs.

T 22 S. R. 13 W. S. L. M.

	N 89° 39° W on a true line bet. sec. 5 and 32 Var. 16° 15' E.
.00	Top of ridge about 175 ft. above ravine descends S.
4.00	Bottom of ravine about 200 ft. below ridge drains S.
40.00	Set blue lime stone 28 X 17 X 6 ins. 21 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face and raised a mound of earth and stone alongside.
4.00	Enter brush.
15.75	Top of mountain about 800 ft. above valley course N and S.
80.00	Set black lava stone 18 X 13 X 7 ins. 12 ins in ground for cor. to sec. 5, 6, 31 and 32, marked 5 notches on E and 1 on W edges and raised a mound of earth and stone alongside.
	Land mountainous.
	Soil, rocky, 4th. rate.
	Mountain rush and sage brush on 16.00 chs.
	Mountainous on 80.00 chs.

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North Boundary T 22 S

chs.	
	N 89° 39' W on a true line bet. secs. 6 and 31.
	Var. 16° 15' E.
35.00	Top of mountain.
39.00	Enter brush.
39.50	Wash 3½ ft. deep drains N.
40.00	Deposited a marked stone 12 in the ground for ¼ sec. cor. marked ¼ on N face, dug pits 18 x 18 x 12 ins E and W of stone 5½ ft. distant and raised a mound of earth 1½ ft. high 3½ ft. base alongside
78.00	The cor. to Tps. 21 and 22 S Rs. 13 and 14 W.
	Land rolling.
	Soil mixed with sand and rock. 3rd and 4 ch rods
	Undergrowth, mountain ran on 41.00 chs.
	Mountainous on 35.00 chs.
	November 24th. 1882.

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R. 13 W. S. L. M.

General Description.

This township embraces a part of the Sawtooth range of mountains, also a small portion of Sevier Lake Valley. The mountains are very rugged, high and rocky, with small groves of cedar and nut pine timber. The valleys on the eastern and western parts are good land and would produce good and valuable crops without being irrigated.

There are some natural reservoirs in the rocks in the mountains, which afford water. The entire township is covered with grass, well adapted to grazing. The principal part of it could be subdivided.

Andrew J. Stewart Jr.
U. S. Deputy Surveyor.

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, August 4th *1883*

The foregoing field notes of the survey of the West and North boundaries

Township No. 22 South *Range No.* 13 West

Executed by Andrew J. Stewart Jr

Under No 111th *contract of the* 7th

day of September *1882, in the month of*

November *1882, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Frd Salomon

U. S. Surveyor General for Utah.

BOOK-A-193

1230

PORT: 1884

ed 188

amined by John H. Campe

anscribed by E. Michaelis

mpared by O. E. Hottelmann & O. E. Salomon

FIELD NOTES

OF THE SURVEY OF THE

South, West and North boundaries

OF

ownship No 23 South

nge No 8 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart jr

U. S. Deputy Surveyor,

Under his Contract No. 111.

Dated September 7th 1882

Survey commenced November 8 1882

Survey completed November 9 1883

South Bound. T. 23 S. R. 8 W. S. L. M.

Survey commenced Nov. 8" 1882.
From the cor. to Tp's. 23 & 24 S. Rs. 8 & 9 W established under present contract by me.
I run E on random line bet. said Tps. the var. of my compass being 16° E. I set temp half mile and mile corners at each 40 and 80 chs and find the township line to be 5 miles 79.12 chs long and the falling to be 7.80 chs. N from the cor. to Tps. 23 & 24 S. Rs. 7 & 8 W re-established by me. I find this cor on the guide meridian to be more than 3 chs. the dist allowed by the manuel of survey. for correction. Therefore at this point of intersection I set a black lava stone 15 X 9 X 6 ins 10 ins in ground for closing cor to Tps. 23 & 24 S. Rs. 7 & 8 W marked C.C. with 6 notches on N S and W edges, dug pits 24 X 18 X 12 ins. crosswise on each line N. S & W of stone 6 ft. distant

South Boundary T 23 S

Chs	
	and raised a mound of ear[illegible] 2½ ft. high 5 ft. base along
	The correction for the t[illegible] line will be 88 lks W per mi[illegible] and its course W.
	From the closing cor. to Tp's. 23 and 24 S. R's 7 & 8 W. I run W on a true line bet. secs. 1 & 36. Var. 16° E.
40.00	Set a black lava stone 14 X 1[illegible] 6 ins. 8 ins in the ground for ¼ sec. cor. marked ¼ on N fo[illegible] dug pits 18 X 18 X 12 ins S & W of st[illegible] 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
80.00	Set black lava stone 14 X 12 X 6 9 ins in the ground for Cor. secs. 1, 2, 35 & 36 marked 5 notches on W and 1 on E edges dug pits 18 X 18 X 12 ins in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.

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R. 8 W.

	Land
	Soil
	No ti[illegible]
	W on a
	bet.
.00	Set blu[illegible] ins. 10 [illegible] ¼ sec. cor[illegible] dug pits [illegible] 5½ ft. dis[illegible] of earth 1[illegible] alongsid[illegible]
.00	Set gro[illegible] 7 ins. 12 [illegible] cor. to s[illegible] 4 notches [illegible] edges, d[illegible] in each [illegible] raised a[illegible] high 4½ f[illegible]
	Lan[illegible]
	Soil
	No

BOOK-A-193

R. 8 W. of L. Meridian.

Land level.
Soil 2nd rate.
No timber

W on a true line
bet. sec's. 2 and 35.
Var. 16° 00' E.

.00 Set blue lime stone 15 X 12 X 7 ins. 10 ins. in the ground for ¼ sec. cor. marked ¼ on N face. dug pits 18 X 18 X 12 ins E & W of cor. 5½ ft dist. and raised a mound of earth 1½ ft. high 3½ ft. base. alongside.

.00 Set gray granite stone 18 X 14 X 7 ins. 12 ins in the ground for cor. to sec's. 2, 3, 34 X 35 marked 4 notches on N and 4 on E edgls, dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.

Land level.
Soil 2nd rate.
No timber

South Boundary T 23 S

Chs.	
	Now a true line.
	bet. secs. 3 and 34.
	Var. 16° E.
6.30	Wash 2 ft. deep. drains E. N. W.
40.00	Set block lava stone 14 X 12 X 6 ins. 8 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N face dug pits 18 X 18 X 12 ins. E and W of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.
77.75	Old road N E and S W.
80.00	Set block lava stone 15 X 12 X 7 ins. 12 ins. in the ground for cor. to secs. 3. 4. 33 and 34 marked 3 notches on E and W edges dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside.
	Land level.
	Soil mixed with clay.
	2nd rate.

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3 S. R. 8 W. S. L. M.

	chs.	
		W on true line.
		bet. secs. 4 and 33.
		Var. 16° E.
N. W.	6.50	Road from Fillmore to Frisco
2 x 6 ins.		Via Antelope Springs course.
1/4 sec.		N. E. and S. W.
e dug	40.00	Set block lava stone 16 x 12 x 6 ins.
W of		11 ins in ground for 1/4 sec. cor.
ised		marked 1/4 on N face, dug pits
c.		18 x 18 x 12 ins E and W of stone 5 1/2
ide.		ft. dist and raised a mound of
W.		earth 1 1/2 ft. high 3 1/2 ft. base.
- x 7 ins.		alongside.
cor.	80.00	Set sand stone 18 x 12 x 9 ins.
ed		12 ins. in ground for cor. to
s		sec's. 4, 5, 32 and 33, marked
each		2 notches on W and 4 on E.
sed a		edges, dug pits 18 x 18 x 12 ins.
h 4 1/2		in each sec. 5 1/2 ft. dist.
		and raised a mound of earth.
		4 1/2 ft. base 2 ft. high.
1.		alongside.
		Land nearly level
		Soil 2nd rate.
		No timber

South Boundary T 23 S

Chs.	
	Wou true line bet. secs. 5 and 32. Var. 16° E.
40.00	Set blue lime stone 14 X 10 X 3 9 ins in the ground for 1/4 sec cor. marked 1/4 on N face and raised a mound of earth 1 1/2 high 3 1/2 ft. base alongside.
55.00	Enter grove of ceder timber course S.W. and N.
80.00	Set gray granite stone 14 X 12 ins 9 ins in the ground, for cor. to secs. 5. 6. 31 and 32 marked 1 notch on W and 5 on E edges dug pits 18 X 18 X 12 ins. in each sec. and raised mound of earth 2 ft. high 4 1/2 ft. base alongside.
	Land nearly level
	Soil mixed with gravel 2nd r
	Timber ceders on 23.50 chs.
	Under growth, sage brush on 48.50 chs.

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R. 8 W.

	Wou tr bet.
2.00	Wash
00	Leave g
00	t g
	9 ins. i
	marked
	18 X 18 X 12
	5 1/2 ft.
	mound
	3 1/2 ft.
.00	Foot
00	Leave
12	The co
	23 an
	9 W.
	Land
	Soil
	sand
	3rd ra
	Unde
	on 5

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R. 8 W. S. L. M.

Run true line
bet. secs. 6 and 31
Var. 16° E.

2.00 Wash 4 ft. deep drains N. E.

00 Leave grove of cedars.

00 Set granite stone 14 X 12 X 8 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face dug pits 18 X 18 X 12 ins E and W of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

.00 Foot of ridge course E & W.

00 Leave sage brush course E & W.

12 The cor. to ~~secs.~~ T ps. 23 and 24 S. Rs 8 and 9 W.

Land gently rolling.

Soil mixed with clay sand and gravel. 2nd and 3rd rate

Undergrowth sage brush on 59.00 chs.

West.

Boundary T 23 S

Chs.	From the cor. to Tps. 23 & 24 S R's 8 & 9 W I run N bet. secs. 31 and 36. Var. 16° E.
40.00	Set pumice stone 15 x 10 x 8 in. 10 ins. in the ground for 1/4 cor. marked 1/4 on W face, and raised a mound of stone and earth alongside.
41.60	Wash 4 ft. deep. course N E.
80.00	Set gray pumice stone 20 x 8 in. 15 ins. in ground for cor to secs. 25. 30. 31 and 36 marked 1 not on S and 5 on N edges and raised a mound of earth and stone alongside.
	Land rolling.
	Soil mixed with clay rock and gravel 3rd and 4th rate
	Undergrowth sage brush on 8 000 chs.

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R. 8 W.

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2 note
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West.

Boundary T 23 S

Chs.	From the cor. to Tps. 23 & 24 S R's 8 & 9 W I run N bet. secs. 31 and 36. Var. 16° E.
40.00	Set pumice stone 15 x 10 x 8 in. 10 ins. in the ground for 1/4 cor. marked 1/4 on W face, and raised a mound of stone and earth alongside.
41.60	Wash 4 ft. deep. course N E.
80.00	Set gray pumice stone 20 x 8 in. 15 ins. in ground for cor to secs. 25. 30. 31 and 36 marked 1 not on S and 5 on N edges and raised a mound of earth and stone alongside.
	Land rolling.
	Soil mixed with clay rock and gravel 3rd and 4th rate
	Undergrowth sage brush on 8 000 chs.

BOOK-A-193

R. 8 W.

N t

Set p
11 ins.
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West Boundary T. 23

Chs.	
	with a cross (+) on top where line crosses.
10.00	Top of ridge course N & S.
30.00	Top of mountain about 200 high course S.W. and N.E.
40.00	Set pumice stone 14 X 12 X 8 in 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 X 18 X 12 ins N and S of stone 5½ ft. dist. and raised a mound of earth and stone alongside.
41.00	Top of bench course E & W.
45.00	Wash 20 lks deep. drains E.
80.00	Set gray pumice stone 16 X 10 ins. 11 ins in the ground for cor. to sec's. 13, 18, 19 and 24 marked 3 notches on N & S edges and raised a mound of earth and stone alongside.
	Land rolling and broken. Soil mixed with rock, gravel and clay, 2nd and 4th rate.
	Undergrowth, sage brush on 80.00 chs

T 23 R. 8 W. S. L. M.

N bet. secs. 13 and 18.
Var. 16° E.

Enter grove of cedar timber 2 chs. through course E and W.
Set blue lava stone 16X12X10 ins. 11 ins in ground for 1/4 sec. cor. marked 1/4 on W face raised a mound of earth and stone alongside. on W slope of ridge that bears N & S.
Ridge bears. N W.
Foot of bench
Ascend gentle slope.
Set gray granite stone 14X12X8 ins. 9 ins in ground for cor. to secs. 7, 12, 13 and 18 marked 4 notches on S and 2 on N edges. and raised a mound of earth and stone 2 ft. high 4½ ft. base alongside.
Land rolling and level
Soil 2nd and 4th rate
Timber cedars on 2.00 chs.
Undergrowth sage brush on 6 0.00 chs.

West Boundary T 23 S

Chs.	N bet. secs. 7 and 12. Var. 16° E.
21.00	Road from Fillmore to Blo[illegible] Rock course E & W.
23.50	Road from Fillmore to chesleys ranch course N. W.
40.00	Set gray granite stone 14x10x[illegible] 9 ins in ground for 1/4 sec. cor. marked 1/4 on W face dug pits 18x18x12 ins N & S of stone 5½ ft. dist. and raise[illegible] a mound of earth 1½ ft. hig[illegible] 3½ ft. base alongside.
61.00	Road from Kanosh to chesleys ranch course E & W
80.00	Set gray granite stone 14x[illegible] 10x6 ins. 8 ins in ground f[illegible] cor. to secs. 1. 6. 7 and 12 marked 5 notches on S and 1 on N edges dug pits 18x18x12 in each sec. 5½ ft. dist. and raised a mound of earth 2 ft hig[illegible] 4½ ft. base alongside.

Land level and gently rolling
Soil mixed with clay and gravel 1st, 2nd [illegible]
Undergrowth sage and shad scales on 80[illegible]

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R. 8 W.

Chs.	N
[illegible]	Set
[illegible]	ins. 9 i[illegible]
[illegible]	marke[illegible]
[illegible]	pits [illegible]
[illegible]	stone
[illegible]	raised
[illegible]	high [illegible]
[illegible]	stone
[illegible]	for [illegible]
[illegible]	S. [illegible]
[illegible]	pits
[illegible]	leng[illegible]
[illegible]	line
[illegible]	cor.
[illegible]	and
[illegible]	earth
[illegible]	5 ft.
[illegible]	[illegible]
[illegible]	stake
[illegible]	squ[illegible]
[illegible]	mar[illegible]

R. 8 W. S. L. M.

N bet. secs 1 & 6.
Var. 16° E

Set block flint stone 14x10x6 ins. 9 ins in ground for 1/4 sec cor. marked 1/4 on W face dug pits 18x18x12 ins N and S of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

Deposited a marked stone 12 ins in ground for cor. to Tps. 22 & 23 S. Rs. 8 and 9 W. dug pits 24x18x12 ins. lengthwise on each line N. S. E and W of cor. 6 ft. distant. and raised a mound of earth 2½ ft. high 5 ft. base over it.

In E pit drove a stake 2 ft. long 2 ins. square 12 ins in grou. marked

W. Boundary T 23 S R. 8 W

chs.	T 22 S. S. 31 on N E. R. 8 W. S. 6 on S E. T 23 S. S. 1 on S W and R. 9 W S 36 on N W faces with 6 notches on each edge Land nearly level. Soil sandy loam and mixed with clay 1st and 2 nd rate. Undergrowth, sage brush and grease wood on 8000 chs.

BOOK-A-19

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North Boundary T 23 S. R 8 W.

From the cor. to Tps. 22 and 23 S established by me under present contract.

Trun

East on a random line bet said townships, the variation of my compass being 16°00' E. I set temporary corners at each 40.00 and 80.00 chs. and find the township line to be 5 miles 79 chs and 50 lks long and the falling to be 9.40 chs. N from the cor. to Tps. 22 and 23 S R 7 W re-established by me

I find this cor. on the Guide Meridian to be more than three chs. the distance allowed by the Manual of Surveys for

North Boundary T 23

chs.	
	correction. Therefore at this point of intersection I set a blue lime stone 15 X 12 X 4 ins. 10 ins in ground for closing cor. to Tps. 22 and 23 S. Rs. 7 and 8 W Marked C.C. with 6 notches on N. S and W edges dug pits 24 X 18 X 12 ins. lengthwise on each line N. S. and W of stone 6 ft. dist. and raised a mound of earth 2½ ft. high 5 ft base alongside.
	The correction for the true line will be 1.50 chs. west per mile and its course W.

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R. 8

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R. 8 W. S. L. M.

W on a true line
bet. sec's. 1 and 36.
Var. 16° 00 E.

Deposited quart of
charcoal 12 ins in ground.
for 1/4 sec. cor. dug pits
18 X 18 X 12 ins E and W
of point and raised a
mound of earth 1 1/2 ft
high 3 1/2 ft. base over it.
In E pit drove a
stake 2 ft. long 2 ins
square 12 ins in ground
marked 1/4 S on N face.
A trail course S. W & N. E.
" " "

Deposited a quart of
charcoal 12 ins in
ground for cor. to sec's.
1. 2. 35 and 36 dug
pits 18 X 18 X 12 ins. in
each sec. - 5 1/2 ft. dist.
and raised a mound
of earth 2 ft high
4 1/2 ft base over it.

North Boundary T 23

chs	In S. E. pit drove a stake 2 ft. long 2 ins square 12 ins in ground marked.
	T 22 S.S. 36 on N E.
	R 8 W. S. 1 on S.E.
	T 23 S S 2 on S W
	S 35 on N W faces.
	with 5 notches on W and 1 on E edges.
	Land level
	Soil 2 md. rate.
	No timber.

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R. 8 W.

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ds. W on a true line.
bet. sec's. 2 and 35
Var. 16° E.
0.00 A trail bears N E and
S W.
0.00 Deposited a quart of
charcoal 12 ins in
ground for 1/4 sec. cor.
dug pits 18 X 18 X 12
ins. E and W of point
5½ ft. distant and
raised a mound of
earth 1½ ft. high
3½ ft. base over it
In E pit drove a
stake 2 ft. long
2 ins square 12 ins in
the ground marked
1/4 S on N face.
40.50 A trail course
N and S.
5.00 Enter. sand hills.
0.00 Deposited a quart of
charcoal 12 ins in

North Boundary T 23

chs

the ground for cor
secs. 2, 3, 34 and 35
dug pits 18 X 18 X 12
in each s'c. 5½ ft.
dist. and raised a
mound of earth 2 ft.
high 4½ ft. base
over it.

In S.E pit drove a
stake 2 ft. long 2 ins
square 12 ins in the
ground.

marked.
T 22 S.S. 35 on N.E.
R. 8 W S 2 on S E.
T 23 S.S. on S W
and
S 34 on N W faces
with 2 notches on E
and 4 on W edges.

Land nearly level
Soil 2nd rate
No timber.

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W on a true line
bet. sec's. 3 and 34
Var. 16° 00' E.

Deposited a quart of
char coal 12 ins. in
the ground for 1/4 sec.
cor. dug pits 18 X 18
X 12 ins E and W of
point 3 1/2 ft. dist.
and raised a mound
of earth 1 1/2 ft high
3 1/2 ft. base over it.
In E pit drove a
stake 2 ft. long
2 ins. square 12 ins.
in the ground
marked 1/4 S on N
face.

A trail course S E
and N. W.

Deposited a quart of
char coal 12 ins in
the ground for cor
to sec's. 3. 4. 33 and

North Boundary

chs.

34 dug pits 18 x 18 x 18 ins. in each sec. 5½ ft. distant and raised a mound of earth 2 ft. high 4½ ft base over it.

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

marked.

T 22 S.S. 34 on N E.
R. 8 W. S. 3 on S E.
T 23 S.S. 4 on S W
and
S 3 3 on N W faces
with 3 notches on E
and W edges.

Land nearly level .25
Soil 2nd rate.
No timber. .00

T 23 S. R 8 W. S. L. M.

West on a true line.
bets secs 4 and 33
Var. 16° 00 E.
Deposited a quart
of charcoal 12 ins in
the ground for 1/4 sec. cor.
dug pits 18 X 18 X 12 ins.
E and W of cor. 5 1/2
ft dist and raised
a mound of
earth 1 1/2 ft high
3 1/2 ft. base over
it
In E pit drove a
stake 2 ft long 12
ins in the ground
2 ins square marked
1/4 S on N face.
A trail course S E.
and N W.
Deposited a quart
of charcoal 12 ins.
in ground for cor.
to secs. 4. 5. 32 and 33

North Boundary T23

chs.	dug pit 18 x 18 x 12 ins. in each sec. 3½ ft. dist and raised a mound of earth 2 ft high 4½ ft base over it.
	In S E pit dro[illegible] a stake 2 ft. long 2 ins. square 12 ins in the ground ⅌ marked
	T22 S.S. 33 on N.E
	R. 8 W.S 4 on S.E.
	T23 S.S 5 on S.W.
	and
	S 32 on N W faces with 4 notches on E and 2 on W edges.
	Land level.
	Soil sandy 2nd rate.
	No timber.

chs.	W o[illegible]
	[illegible]
9.00	En[illegible]
	cour[illegible]
10.00	[illegible]
	of
	in
	¼
	18
	an[illegible]
	ft.
	ra[illegible]
	of
	3½
	[illegible]
	stake
	ins
	gr[illegible]
	¼
9.00	Le[illegible]
	cou[illegible]
5.00	E[illegible]
	and

Now a true line
bet secs. 5 and 32
Var. 16° E.

00 Enter grease woods
course N and S.

00 Deposited a quart
of char coal 12 ins.
in the ground for
¼ sec. cor. dug pits
18 X 18 X 12 ins E
and W of cor. 5½
ft. distant and
raised a mound
of earth 1½ ft high
3½ ft. base over it.
In E pit drove a
stake 2 ft long 2
ins square 12 ins. in
ground marked
¼ S on N face.

9.00 Leave grease woods
course N and S.

5.00 Enter sandy soil
and leave clay soil

North Boundary T. 3 S. R. 8 W.

chs.
80.00 Deposited a quart of char co[illegible]
12 ins. in the ground for co[illegible]
to secs. 5, 6, 31 and 32 dug [illegible]
18X18X12 ins. in each sec. 5 [illegible]
ft. disc. and raised a mound
of earth 2 ft. high 4½ ft.
base over it.

In S.E pit drove a st[illegible]
2 ft. long 2 ins. square 1[illegible]
ins in ground marked
T22 S.S. 32 on N.E.
R 8 W.S 5 on S.E.
T 23 S.S 6 on S W and
S 31 on N W faces with 5
notches on E and 1 on W edge
Land level.
Soil sand 2nd rate
Undergrowth grease wood
on. 41.00 chs.

W on a true line
bet. secs. 6 and 31
Var. 16° E.

40.00 Deposited a quart of char[illegible]
12 ins. in the ground for [illegible]

R. 8 W. S. L. M.

~~to sec.~~ 1/4 sec. cor. dug pits 18 X 18 X 12 ins E and W of cor. 5 1/2 ft. dist. and raised a mound of earth and stone 1 1/2 ft. high 3 1/2 ft. base over it.

In E pit drove a stake 2 ft. long 2 ins square 12 ins. in the ground marked 1/4 S on N face.

9.50 The cor. to Tps. 22 X 23 S R 8 W.

Land gently rolling
Soil sandy 2nd rate
Undergrowth grease wood on 8 0.00 chs.

November 9th 1882

General Description.

There is a railroad surveyed through the Tp. Near the center of this township is the N twin peak mountain which

is quite rocky, the remain
consists of rolling ground
and white sage flats wh
are rich lands.

There is a spring at ba
of mountain near N. Easter
end. Water is sulphury.

There is some ceder and
nut pine timber on the
mountains and benches.

There is an abundence
of grass all over the Tp.

It should be subdivide

Andrew J. Stewart Jr.

U. S. Deputy Surveyor

U. S. SURVEYO

Salt Lake

The foregoi

Township No.

Executed by

Under

day of

November

amined, the neces

the said field no

hereby approved.

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, August 4th 1883

The foregoing field notes of the survey of the South, West and North boundaries

Township No. 23 South *Range No.* 8 West

Executed by Andrew J. Stewart Jr

Under No 111 *contract of the* 7th

day of September 1882, *in the month of*

November 188 , *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A-193

112 r

11

REPORT: 1884

Filed 188

Examined by [illegible]

Transcribed by Ernest T. Salomon

Compared by O. E. Salomon, A. Michaelis

FIELD NOTES

OF THE SURVEY OF THE

West and North boundaries

OF

Township No 23 South

Range No 13 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart, Jr.

U. S. Deputy Surveyor,

Under his Contract No. 111

Dated September 7th 1882

Survey commenced November 23, 1882

Survey completed November 23, 1882

r

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Township 23 South R. 13 West

	404	403	401	400	399	398
396	6	5	4	3	2	1
395	7	8	9	10	11	12
394	18	17	16	15	14	13
393	19	20	21	22	23	24
392	30	29	28	27	26	25
391	31	32	33	34	35	36

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West Boundary T23 S. R13 W S. L. M.

On the night of Nov. 22nd 1882 I took an observation on the star polaris, in accordance with instructions contained in the manual of surveys, and drove pickets on the line thus established.

Survey commenced Nov. 23 1882 with a Burts improved solar compass.

Before commencing this survey, I test my compass on the line established last night and find it correct.

From the cor. to Tps. 23 and 24 S. Rs. 13 and 14 W, which is at foot of cliff ascending W. I run North bet sec's. 31 and 36

Var. 16° 30' E.

Along W face of Pass.

4.00 Set a blue lime stone 14X12X6 ins. 9 ins in the ground for 1/4 sec. cor. marked 1/4 on W face and raised a mound of earth

West Boundary T 23 S

Chs.	
	and stone alongside.
40.25	Wash 2 ft. deep drains S 30° E
47.50	Trail in pass bears N 25° W and S 25° E
75.00	Wash 5 ft. deep drains N 70° W
80.00	Set blue lime stone 24 X 12 X 7 ins. 18 ins. in the ground for cor. to secs. 25. 30. 31 and 36 marked 1 notch on S and 5 on N edges and raised a mound of earth and stone alongside. Land rolling and broken Soil rocky 4th rate. Undergroth. sage brush on 80.00 chs.

North bet. secs. 25 and 30
Var. 16° 30' E.

	Over rolling ground
1.50	Ridge about 40 ft. above wash descends W.
15.00	Ravine about 100 ft. below ridge drains N 30° W.
26.00	Ridge about 100 ft. above

Chs.	
	ravine
40.00	Set
	12 ins.
	cor.
	raised
	and
50.00	Foot
60.00	Wash
80.00	Set
	ins. 9
	cor. to
	marke
	on N
	mound
	along
	Lan
	Soil
	Und
	80.00

N b

00	Road
0.50	Wash

R. 13 W. S. L. M.

ha ravine descends N 35° W.
40.00 Set blue lime stone 19 X 12 X 7 ins. 12 ins. in the ground for ¼ sec. cor. marked ¼ on W face. and raised a mound of earth and stone alongside
50.00 Foot of ridge
60.00 Wash 3 ft. deep drains N 35° W.
80.00 Set blue lime stone 14 X 12 X 6 ins. 9 ins. in the ground, for cor. to sec's. 19. 24. 25, and 30 marked 2 notches on S and 4 on N edges and raised a mound of earth and stone alongside.
Land broken.
Soil rocky 4th rate
Undergrowth, sage brush on
80.00 chs.

N bet. sec's. 19 and 24
Var. 16° 30' E.
.00 Road bears N 25° E & S 25° W
0.50 Wash 4 ft. deep drains W

West Boundary T 23 S

Chs.	
35.00	Foot of hill.
40.00	Set blue lime stone 20 X 15 X 6 in. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face and raised a mound of earth and stone alongside.
59.80	Rocky ridge descends W. along face of rocky ledges ascends abruptly E.
80.00	Set blue lime stone 16 X 12 X 8 ins. firmly in a rock bed for cor. to sec's. 13. 18. 19 and 24 marked 3 notches on N and S edges and raised a mound of earth and stone alongside.
	Land rocky ledges.
	Soil rocky 4th rate
	Undergrowth, sage brush on 80.00 chs.

North bet. sec's. 13 and 18
Var. 16°30' E.

40.00	Set blue lime stone 14 X 12 X 9 ins. 9 ins. in the ground for 1/4 sec. cor

R. 13

Chs.	
	marked
	a mou
	alongs
0.00	Wash
6.00	"
0.00	Set
	15 ins.
	to sec's
	4 notc
	edges
	earth
	Land
	Soil

North

00	Leave
	sage f
.00	Set
	12 ins.
	sec. c
	dug
	of s
	raised

R. 13 W. S. L. M.

hs.	marked 1/4 on W face and raised a mound of earth and stone alongside.
0.00	Wash 3 ft. deep drains W.
6.00	" " " " W.
0.00	Set blue lime stone 20 X 12 X 7 ins. 15 ins. in the ground for cor. to secs. 7, 12, 13 and 18 marked 4 notches on S and 2 on N edges and raised a mound of earth and stone alongside.
	Land rough and broken
	Soil rocky 4 th. rate.

North bet. secs. 7 and 12
Var. 16°30 E.

5.00	Leave mountain over white sage flat.
0.00	Set blue lime stone 18 X 12 X 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face. dug pits 18 X 18 X 12 ins. N & S of stone 5 1/2 ft. distant and raised a mound of earth

West Boundary T 23 S.

Chs.	
	1½ ft. high 3½ ft. base alongside.
80.00	Set blue lime stone 16X1[illegible] 7ins. 11ins. in the ground for cor. to secs. 1. 6. 7 and 12 marked 5 notches on S and 1 on N edges, dug pits 18X18[illegible] ins in each sec. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft. base alongside
	Land level
	Soil mixed with sand and gravel 3rd and 4th. rows
	Undergroth. sage brush on 45.00 chs.
	North bet secs. 1 and 6.
	Var. 16° 30' E.
20.00	Wash 2½ ft. deep drains N.
40.00	Set gray granite stone 19X12X[illegible] ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face dug pits 18X18X12 ins. N and S of stone 5½ ft. de[illegible]

R. 13 W

Chs.	
	and [illegible]
	1½ ft. [illegible]
	along[illegible]
16.00	Wash [illegible]
18.00	Ente[illegible]
0.00	Set [illegible]
	4 ins. [illegible]
	Tps 2[illegible]
	W m[illegible]
	edge, [illegible]
	length[illegible]
	N. S. [illegible]
	dist. a[illegible]
	earth [illegible]
	along[illegible]
	Lan[illegible]
	Soil [illegible]
	gravel [illegible]
	Und[illegible]
	rush [illegible]

chs. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

16.00 Wash 3½ ft. deep drains W.

18.00 Enter mountain rush.

20.00 Set blue lime stone 14x12x6 ins. 9 ins. in the ground for cor. to Tps 22 and 23 S. Rs 13 & 14 W marked 6 notches on each edge, dug pits 18x18x12 ins. lengthwise on each line. N. S. E and W of stone 6 ft. dist. and raised a mound of earth 2½ ft. high 5 ft. base alongside.

Land level

Soil mixed with sand and gravel 2nd. and 3rd. rate

Undergrowth, mountain rush on 2 chs.

North Boundary T 23 S.

From the cor to Tps 22 & 23 S Rs. 13 and 14 W I run E on a random line between said Tps. the variation of my compass being 16° 15' E. I set temporary half mile and mile corners at each 40 and 80 chs. and find the township line to be 5 miles 77 chs. and 50 lks. long and the falling to be 84 lks. N of the cor. to Tps. 22 & 23 S. Rs. 12 & W. The correction for the true line will therefore be 14 lks S and 2.50 chs W per mile and its course will be N 89°54' W

From the cor. to Tps. 22 and 23 S. Rs. 12 and 13 W I run N 89°54' W on a true line bet. secs. 1 and 36

Var. 16° 15' E.

Ascend

40.00 Set blue lime stone 16 x 11 x 3 ins 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face

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R. 13

hs.

2.50

000

dug p
stone
a mo
3½ ft.
Leave
of ab
Set
ins. 12 i
to secs.
5 not
and
and st
Lau
mount
Soi
Und
on 80

N 89
bet.

50 Top of
ft. hig
5.00 Foot

R. 13 W. S. L. M.

ch. dug pits 18X18X12 ins. E & W of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

2.50 Leave mountain rush at foot of abrupt mountain ascend.

.000 Set blue line stone 18X14X12 ins. 12 ins. in the ground for cor. to sec's. 1. 2. 35 and 36 marked 5 notches on W and 1 on E edges and raised a mound of earth and stone alongside.

Land rolling bench and mountains.

Soil 2nd and 4th rate

Undergrowth and mountains on 80.00 chs.

N 89°54 W. on a true line bet. sec's. 2 and 35

Var. 16°15' E.

.50 Top of mountain about 800 ft. high course N and S

5.00 Foot of mountain enter

North Boundary T 23 S.

chs.	
	white sage flat.
40.00	Set a blue lime stone 14X8X 6 ins. 9 ins. in the ground for ¼ sec. cor. marked ¼ on N face. dug pit 18X18X12 ins. E and W of stone 5½ ft. dist. and raised a mound of earth and stone alongside.
60.00	Foot of abrupt rocky mountain course N and S.
80.00	Set a blue lime stone 22X 14X 12 ins. in a mound of stone for cor. to secs. 2. 3. 34X35 marked 2 notches on E and 4 on W edges and raised a mound of earth and stone alongside.
	Land rocky and level
	Soil 2nd and 4th rate
	Mountainous on 45.00 chs.

N 89°54 W on a true line bet. secs. 3 and 34

Var. 16°15' E.

R. 13

chs.	
2.50	Rou
10.00	Deep
20.00	Mou
40.00	Set
	ins.
	¼ sec
	face.
	of eor
80.00	Set
	16X12
	grou
	3.4.
	notch
	and
	earth
	La
	So
	Un
	rus
	on

N
bet

R. 13 W. S. L. M.

chs.	
2.50	Rough rocky mountain.
10.00	Deep rocky cañon course S. E.
20.00	Mountain, descend.
40.00	Set blue lime stone 18x10x9 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face. and raised a mound of earth and stone alongside.
80.00	Set a blue lime stone 16x12x7 ins. 11 ins. in the ground for cor. to secs. 3. 4. 33 and 34, marked 3 notches on E and W edges and raised a mound of earth and stone alongside.

Land rolling bench
Soil 2nd x 3rd rate
Undergrowth, mountain
rush. and shad scales
on 80.00 chs.

N 89°54' W on a true line
bet. secs. 4 and 33
Var. 16°15' E

North Boundary T 23 S.

chs.	
4.00	Ridge about 200 ft. above ravine drains N.
21.00	Ravine about 175 ft. ~~above~~ below ridge drains N 20° E.
39.00	Ridge about 150 ft. above ravine descends N 20° W.
40.00	Set blue limestone 14X12X7 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face and raised a mound of earth and stone alongside.
45.00	Ravine about 100 ft below ridge drains N 20° E.
80.00	Set blue lime stone 16X12X7 ins. 11 ins. in the ground for cor. to sec's. 4. 5. 32 and 33 marked 4 notches on E and 3 on W edges and raised a mound of earth and stone alongside.

Land mountainous. ridges

Soil 4th rate.

Undergrowth, sage brush on 80.00 chs.

chs.	
	N 89 bet
1.00	Ridg ravin
17.00	Rav ridge
22.00	Ridg ravine
40.00	Set 9 ins. cor. raised and
48.50	Rav ridge
0.00	Top above
72.00	Ravi ridge
7.00	Rock above
0.00	Set 12 ins. to sec

R. 13 W. S. L. M.

hs.	N 89° 34' W on a true line bet. sec's. 5 and 32 Var. 16° 15' E.
1.00	Ridge about 150 ft. above ravine descends N 30° E.
7.00	Ravine about 80 ft. below ridge descends S.
22.00	Ridge about 100 ft. above ravine, descends S 20° W
40.00	Set blue limestone 15X12X6 ins. 9 ins. in the ground for 1/4 sec cor. marked 1/4 on N face and raised a mound of earth and stone alongside.
48.50	Ravine about 40 ft. below ridge drains S 20° W.
0.00	Top of ridge about 150 ft. above ravine descends S 20° W.
2.00	Ravine about 75 ft. below ridge drains S 45° W.
7.00	Rocky ridge about 100 ft above ravine.
5.00	Set blue lime stone 18X12X6 ins. 12 ins. in the ground for cor. to sec's. 5. 6. 31 and 32 marked

North Boundary T 23 S

chs.	5 notches on E and 1 on W edges. and raised a mound of earth and stone alongside. Land mountain ridges. Soil rocky. 4th. rate. Undergrowth, shod scale and mountain rush on 80.00 chs.
	N 89° 34' W on a true line bet. secs 6 and 31 Var. 16° 15' E.
8.00	Rocky ravine about 250 ft. below ridge drains S.
22.00	Mountains about 700 ft. above valley descends S.
35.00	Abrupt ledges.
40.00	Set blue lime stone 19x12x ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face and raised a mound of earth and stone alongside
50.00	Foot of mountain.
60.00	Enter mountain rush

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R. 13

chs. 7.50	The c... S. R's. ... Land... Soil... Unde... rush ... N...
	Gener... T... part o... of mo... central ... of Se... east an... the w... mounta... precipi... broken ... small ... cedars ... This ... has a... of rich...

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R. 13 W. S. L. M.

No. 7.50 The cor. to Tps. 22 and 23 S. R's. 13 and 14 W
Land rough.
Soil rocky 4th rate
Undergrowth, mountain rush on 6000 chs.
Nov. 23rd 1882.

General Description.

This township embraces a part of the Sawtooth range of mountains, in the central part, a small portion of Sevier Lake Valley on the east and a narrow valley in the western part. The mountains are very rough precipitious rocky and broken, with occasionally small groves of scattering cedars.

This range of mountains has an abundant growth of rich grasses, and

judging from the vegetation portions of the valley will produce crops without irrigation.

It should be subdivided.

Andrew J. Stewart Jr.
U. S. Deputy Surveyor.

BO

U. S. SURVEY

Salt Lake

The foreg

West

Township No.

Executed by

Under

day of Se

November

amined, the nece

the said field

hereby approved

BOOK-A-193

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, August 4th 1883

The foregoing field notes of the survey of the West and North boundaries

Township No. 22 South *Range No.* 13 West

Executed by Andrew J. Stewart, jr.

Under III *contract of the* 7th

day of September *1882, in the month of*

November *1882, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

113 ✓

BOOK-A-193

ORT: 1884

188

nined by John H. Campe

scribed by E Michaelis

pared by L. W. Hickok & E Michaelis

FIELD NOTES

OF THE SURVEY OF THE

West and North boundaries

OF

nship No 23 South

ge No 14 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart, jr:

U. S. Deputy Surveyor,

Under his Contract No. 111.—

ted September 7th, 1882

rvey commenced November 29th 1882.

rvey completed November 29th 1882.

✓

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Township 23 South R. 14 West

	421	420	419	418	416	415
413	6	5	4	3	2	1
412	7	8	9	10	11	12
411	18	17	16	15	14	13
410	19	20	21	22	23	24
408	30	29	28	27	26	25
407	31	32	33	34	35	36

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West Boundary T 23 S. R 14 W.

On the night of November 28th 1882 I took an observation on the star Polaris in accordance with instructions contained in the Manual of surveys and drove pickets on the line thus established

Survey commenced Nov. 29th. 1882 with a Burt's improved solar compass.

Before commencing this survey I test my compass on the line established and find it correct.

I begin at the cor. to Tps. 23 and 24 S. Rs. 14 and 15 W, established by me

I run N bet. secs 31 & 36.

Var. 16°15' E.

0.00 Set granite stone 28 X 12 X 4 ins 21 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face dug pits 18 X 18 X 12 ins N & S of stone 5½ ft. distant and raised a mound of earth

West Boundary T23 S.

chs.	
	1½ ft. high 3½ ft. base alongside.
60.00	Top of ledge, about 20 ft. high, descend into cañon
80.00	Set granite stone 24 X 20 X 6 ins. 18 ins. in the ground for cor. to secs. 25, 30, 31 and 36. marked 5 notches on N and 1 on S edges dug pits 18 X 18 X 12 ins in each sec. 5½ ft. distant and raised a mound of earth 2 ft. high 4½ ft. base alongside.
	Land rolling bench and mountains.
	Soil 2nd and 3rd rate
	Undergrowth, mountain rush and grease wood on 80.00 chs.

North bet secs. 25 and 30.
Var. 16° 15' E.

[illegible].00	Bottom of cave
25.00	Granite ledge about 30 ft.

BOOK-A-19

R. 14

chs.	
	high
	ascen
26.00	Top
40.00	Set
	16 ins
	mark
	18 X 18 X
	5½ ft
	mou
	3½ f
80.00	Set
	ins. 1
	for c
	mark
	N a
	pits
	sec.
	a m
	high
	Lan
	Soil
	4th
	Un
	rush

R. 14 W. S. L. M.

chs.	
	high bears N E and S. W.
	ascend mountain
26.00	Top of mountain.
40.00	Set gray granite 24 X 10 X 6 ins. 16 ins. in ground for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 X 18 X 12 ins N and S of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
80.00	Set granite stone 15 X 10 X 8 ins. 10 ins. in the ground for cor. 19, 24, 25 and 30 marked with 4 notches on N and 2 on S faces dug pits 18 X 18 X 12 ins in each sec. 5½ ft. dist. and raised a mound of earth 2 ft high 4½ ft. base alongside.
	Land rolling mountains. Soil mixed with rock 4th rate.
	Undergrowth, mountain rush on 80.00 chs.

West Boundary T. 23 S

Chs.	N bet. sec's. 19 and 24. Var. 16° 15' E.
10.00	Ravine course S. E. thence ascend slope over large granite boulders.
38.00	Leave boulders.
40.00	Set granite stone 24 X 18 X 3 ins. 16 ins in the ground for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 X 18 X 12 ins N and S of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft base alongside.
80.00	Set gray granite stone 18 X 13 X 9 ins. 12 ins. in the ground for cor. to sec's. 13. 18. 19 and 24 marked with 3 notches on N and S edges dug pits 18 X 18 X 12 ins in each sec. 5 1/2 ft dist. and raised a mound of earth 2 ft. high ~~4~~ 3 1/2 ft. base alongside. Land rolling and rocky mountains

R. 14

Chs.	So Und rus
	Nort
28.00	Rid N W
39.50	Wan
39.75	Roo
40.00	Set ins. 1 1/4 sec face and and 1 1/2 f along
45.00	Rid descen
50.00	Rov
80.00	Set ins. 1 cor. t

R. 14 N. S. L. M.

chs. Soil 4th. rate.
Undergrowth, mountain rush on 8 0.00 chs.

North bet. sec's. 13 and 18.
Var. 16° 15' E.

28.00 Ridge 70. ft. above road course N W and S. E.

39.50 Wash 4 ft. deep drains S. E.

39.75. Road in cañon bears S. E. & N. W.

40.00 Set gray granite stone 18 X 12 X 6 ins. 16 ins. in the ground for 1/4 sec. cor. marked 1/4 on W face dig pits 18 X 18 X 12 ins N and S of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

45.00 Ridge about 40 ft. above ravine descends S. W.

50.00 Ravine drains S W.

60.00 Set gray granite stone 26 X 14 X 10 ins. 18 ins. in the ground for cor. to sec's. 7, 12, 13 and 18

West Boundary T 23 S

chs	marked with 2 notches on N and 4 on S edges dug pits 18 X 18 X 10 ins in each sec. 5½ ft dist. and raised a mound of earth 2 ft. high 4½ ft base alongside.
	Land mountainous and broken
	Soil mixed with rock 4th rate.
	No timber.
	Mountainous on 8000 chs.
	North bet. secs. 7 and 12
	Var. 16° 15' E.
40.00	Set blue lime stone 15 X 12 X 7 ins 10 ins in the ground for ¼ sec. cor. marked ¼ on W face dug pits 18 X 18 X 12 ins. N & S of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
45.00	Ridge about 75 ft. above ravine descends S W.

R. 14

chs. 59.50	Rovi
	ridg
0.00	Set
	7 ins
	to s
	with
	1 on
	12 i
	dist
	earth
	along
	Lan
	Soil
	No t
	N
9.50	Ridge
	ravin
3.00	Ravin
	descen
0.00	Set
	7 ins.
	for ¼

R. 14 W. S. L. M.

Chs.	
39.50	Ravine about 150 ft. below ridge drains W.
000	Set black lava stone 16 x 12 x 7 ins. in the ground for cor. to sec's. 1. 6. 7 and 12 marked with 5 notches on S and 1 on N edges. dug pits 18 x 18 x 12 ins in each sec. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft base alongside.
	Land mountainous on 8000 chs. Soil mixed with rock 4th rate. No timber.

N bet. sec's. 1 and 6.

Var. 16° 15' E.

9.50	Ridge about 100 ft. above ravine, descends W.
3.00	Ravine 250 ft. below ridge descends S. W.
0.00	Set black lava stone 15 x 12 x 7 ins. 10 ins. in the ground for ¼ sec. cor. marked ¼ on

chs.	
	W face, dug pits 18 x 18 x 12 ins N and S of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
60.00	Rocky point ascend mountain
80.00	Set gray granite stone 26 x 14 x 10 ins 19 ins. in ground for cor. to Tps. 22 and 23 S Rs. 14 and 15 W marked with 6 notches on each edge dug pits 24 x 18 x 12 ins. lengthwise on ~~each edge~~, ~~dug pits 24 x 18 x 12~~ each line N. S. E and W of stone 6 ft. distant and raised a mound of earth 2½ ft. high 5 ft base alongside.
	Land mountainous and broken
	Soil mixed with rock
	4th rate.
	Timber scrubby cedars on 35.00 chs.
	Mountainous on 80.00 chs.

chs.	
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	low
	79.
	to
	to
	S
	line
	and
	its
	S
	S.
	N
40.00	Sec
	9 ins.
	cor.
	pits
	stone

North Boundary T 23 S. R. 14 W.

chs. From the cor. to Tps. 22 & 23 S. Rs. 14 and 15 W I run E on a random line between said townships, the var. of my compass being 16° 15' E I set temp. half mile and mile corners at every 40.00 and 80.00 chs. and find the township line to be 5 miles 79.20 chs. long and the falling to be 42 links N of the cor. to Tps 22 & 23 S R. 13 & 14 W.

The correction for the true line will therefore be 80 W and 7 lks S per mile and its course will be N 89° 57' W.

From the cor to Tps 22 & 23 S. Rs. 13 and 14 W I run N 89° 57' W bet. secs. 1 and 36

Var. 16° 15' E.

40.00 Set blue lime stone 14 X 12 X 6 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on N face, dug pits 18 X 18 X 12 ins E and W of stone 5 1/2 ft. dist and raised

chs.		chs.
	a mound of earth 1½ ft. high 3½ ft base alongside.	
80.00	Set black lava stone 14 X 12 X 1 ins. 9 ins. in the ground for cor. to secs. 1, 2, 35 and 36 marked 1 notch on E and 5 on W edge, dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.	1.00 5.00 2.00 4.00 9.00 0.00
	Land level.	
	Soil mixed with sand and clay 2nd and 3rd rate.	
	No timber.	

N 89° 57' W bet. secs 2 X 35
Var. 16° 15' E.

40.00	Set gray granite stone 14 X 12 X 6 ins. 9 ins in the ground for ¼ sec. cor. marked ¼ on N face dug pits 18 X 18 X 12 ins. E and W of stone 5½ ft. distant and raised a mound of earth	

R. 14 W. S. L. M.

chs.	1½ ft. high 3½ ft. base alongside.
1.00	Enter mountain rush & sage brush.
5.00	Foot of mountain.
2.00	Ledge of rock foot of.
4.00	Top of ledge about 51 ft. above bottom
69.00	Top of mountain about 150 ft. above valley.
0.00	Set gray granite stone 14X12X7 ins. 9 ins. in the ground for cor. to sec's. 2. 3, 34 and 35 marked 2 notches on E and 4 on W edges dug pits 18X18X12 ins in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.
	Land mountainous.
	Soil mixed with rock and gravel 3rd and 4th rate.
	Undergrowth mountain rush and sage brush on 39.00 chs.

N 89° 57' W bet. sec's 3 & 34.
Var. 16° 30' E.

North Boundary T 23 S

chs.	
35.00	Hollow about 100 ft. below ridge drain
40.00	Set gray granite stone 14 X 12 1/2 ins. 9 ins in the ground for 1/4 sec. cor. marked 1/4 on N fo dug pits 18 X 18 X 12 ins E and W of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. hig 3 1/2 ft. base alongside.
52.00	Top of ridge about 100 ft. abo hollow. Leave brush.
65.00	Foot of ridge enter valley.
80.00	Set gray granite stone 15 X 12 7 ins. 9 ins in the ground fo cor. to sec's. 3. 4, 33 and 34 marked with 3 notches on E and W edges, dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside.
	Land mountainous on 65.00 Soil mixed with sand rock and gravel 2nd and 4th rate. Undergrowth, mountain rush and sage brush on 60.00 chs.

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R. 14

chs.

40.00

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N W o

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ins.

sec's.

12 i

dist

eart

over

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ins.

T 2 2

R 14

T 2

S 33

not

R. 14 W. S. L. M.

N 89°57' W bet. sec's 4 & 33.

Var. 16° 30' E.

Deposited a marked stone 12 ins in the ground for 1/4 sec. cor. dug pits 18 X 18 X 12 ins E & W of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. over it. In E pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S on N face.

Deposited a marked stone 12 ins in the ground for cor. to sec's. 4. 5, 32 & 33 dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. In S. E pit drove a stake 2 ft. long, 2 ins. square 12 ins in the ground marked T 22 S.S. 33 on N. E.

R 14 W. S 4 on S. E.

T 23 S. S 5 on S W and S 33 on N. W. faces with 4 notches on E and 2 on Wedges,

North Boundary T 23 S.

chs.	
	Land level. Soil mixed with sand and clay 2nd and 3rd rate. No timber.
	North 89°57' W bet. sec's 5 & 32. Var. 16°30' E.
15.00	Enter brush.
40.00	Set black lava stone 18 X 12 X 7 ins. 12 ins in the ground for 1/4 sec. cor. marked 1/4 on N face. dug pits 18 X 18 X 12 ins and W of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.
60.00	Foot of mountain ascend.
80.00	Set block lava stone 17 X 12 X 6 ins. 9 ins. in the ground for cor to sec's. 5. 6. 31 and 32 marked 5 notch on E and 1 on W edges, dug pits 18 X 18 X 12 ins in each sec. 5 1/2 ft. dist. and raised a

chs.	
	mo 4 1/2 Lan Soi roc Uni rus 65.0
	N 8
16.50	Was
22.50	Rid was
35.00	Was rid
40.00	Set x 9 in for N f Ean and 1 1/2 f alon

chs.	mound of earth 2 ft. high 4½ ft. base alongside Land mountainous on 20.00 chs. Soil mixed with gravel and rock 3rd and 4th rate. Undergrowth, mountain rush and sage brush on 65.00 chs.
	N 89° 57' W bet. sec's 6 & 31 Var. 16° 30' E.
16.50	Wash 6 ft. deep drains N. E.
22.50	Ridge about 40 ft. above wash descends N. E.
35.00	Wash about 25 ft. below ridge drains N. E.
40.00	Set block lava stone 20 x 13 x 9 ins. 15 ins in the ground for ¼ sec. cor. marked ¼ on N face, dug pits 18 x 18 x 12 ins E and W of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft base alongside.

N. Boundary T 23 S. R. 14 W.

chs.	
45.00	Enter scrubby cedars.
47.50	Ravine drains N. W.
63.00	Foot of cliff.
63.50	Top of cliff about 50 ft high
65.00	Mountain about 1000 ft. ~~high~~ above valley descends S
79.20	The cor. to Tps. 22 & 23 S. Rs 14 & 15 W.

Land high rolling mountain. Soil mixed with rock. 4th rate. Timber scrubby cedars on 35.00 chs.

Mountainous on 80.00 chs.

Nov. 29th 1882.

General Description.

This township is situated between the Wah Wah and Saw Back ranges of mountains. The central portions of the township is gently rolling. Soil about the common average.

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N Boundary T 23 S. R 14 W

The mountains are rough and broken, but contain some groves of cedar and nut pine timber. There is an abundant growth of grass and vegetation all through the township and portions of it would produce crops without irrigation.

There are some large water pots in sec. 25.

There is no settler in the township.

It should be subdivided.

Andrew J. Stewart Jr.

U. S. Deputy Surveyor.

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, August 4th 1883.

The foregoing field notes of the survey of the West and North boundaries

Township No. 23 South *Range No.* 14 West

Executed by Andrew J. Stewart, Jr.

Under III *contract of the* 7th

day of September 1882, *in the month of*

November 1882, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

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REPORT: 1884

Filed 188

Examined by John W. Campe

Transcribed by E. Salomon

Compared by O. Hottelmann & E. Michaelis

FIELD NOTES

OF THE SURVEY OF THE

East; fractional survey of the North and resurvey of the West and fractional North boundaries

OF

Township No 24 South

Range No 9 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart jr

U. S. Deputy Surveyor,

Under his Contract No. 111.

Dated September 7th 1882

Survey commenced October 31st 1882

Survey completed November 1st 1882.

V

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Township 24 South R. 9 West

	440	442	443	444	445	446	
438	6	5	4	3	2	1	429
439	7	8	9	10	11	12	429
435	18	17	16	15	14	13	428
424	19	20	21	22	23	24	427
433	30	29	28	27	26	25	426
432	31	32	33	34	35	36	424

East boundary T24S R9W S L M.

ho. On the night of Oct. 30th 82 I took an observation on the star polaris in accordance with instructions contained in the Manual of Surveys and drove pickets on the line thus established.

Survey commenced Oct. 31st 82 with a Burts improved solar compass. Before commencing this survey I test my compass on the line established and find it correct. I begin at the cor. to Tp's. 24 and 25 S R's. 8 and 9 W, which is a limestone 16x16x6 ins. firmly set in the ground with six notches on each edge and pits N. S. E & W of cor. 6 ft. dist. and a mound of earth alongside.

Thence I run N bet secs. 31 and 36.

Var. 16° E.

1.35 Dry bed of Cove creek 3 ft. deep. drains N 35° W

East Boundary T 24

chs.	
40.00	Set black lava stone 2 12 X 8 ins. 18 ins. in ground ¼ sec. cor. marked ¼ on W dug pits 18 X 18 X 12 ins. N and S of cor 5½ ft. dist and raised a mound of e 1½ ft. high 3½ ft. base alongside.
80.00	Set black lava stone 11 X 6 ins. 9 ins in the grou marked 1 notch on S a 5 on N edges for cor. t secs 25, 30, 31 and 36, dug pits 18 X 18 X 12 ins. in co sec. 5½ ft dist. and raised a mound of eart 2 ft. high 4½ ft. ba alongside

Land nearly level, de scending N.

Soil loam mixed w gravel and clay 2nd ro

Undergrowth, sage bru on 80.00 chs.

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R 9 W. S. L. M.

N bet. sec's 25 and 30.
Var. 16° E.

Set black lava stone 15X10X 8 ins. 10 ins. in ground for 1/4 sec. cor. marked 1/4 on W face and raised a mound of earth and stone alongside.

Set black lava stone 24X 15X5 ins. 10 ins. in ground for cor. to sec's. 19, 24, 25 & 30, marked 2 notches on S and 4 on N edges, dug pits 18X18X12 ins in each sec. 5½ ft. distant. and raised a mound of earth 2 ft. high 4½ ft. base alongside.

Land level and gently rolling.

Soil loam mixed with sand clay and gravel 2nd and 3rd rate

Undergrowth, sage brush on 80.00 chs.

East Boundary Tp. 24 S.

Chs.	N bet. secs. 19 and 24. Var. 16° E.
40.00	Set black lava stone 14X10X6 ins. 9 ins in ground for 1/4 sec. cor marked 1/4 on W face, dug pits 18X18X12 ins N and S of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
46.00	Road from Fillmore to Frisco course N 25° E and S 25° W
80.00	Set black lava stone 15X11 7 ins. 10 ins. in ground for cor. to secs. 13. 18. 19 and 24 marked 3 notches on S and N edges, dug pits 18X18X12 ins in each sec. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft base alongside.
	Land gently rolling
	Soil loam mixed with clay and gravel 2nd rate
	Undergrowth, sage brush on
	80.00 chs.

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R 9 W

Chs.	N
40.00	Set 10X8 1/4 se W fa N a dist a n stor base
80.00	Set 14X1 for mar 2 on 12 in dist of ea base La So clay 2nd Unde on 8

R 9 W S L M.

chs. N bet. secs. 13 and 18
Var 16° E.

0.00 Set gray granite stone 14 X 10 X 8 ins. 9 ins. in ground for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 X 18 X 12 ins. N and S of stone, ~~ta~~ 5 1/2 ft. dist. ~~dug pits~~ and raised a mound of earth and stone 1 1/2 ft. high 3 1/2 ft. base alongside.

0.00 Set gray granite stone 14 X 12 X 8 ins. 9 ins in ground for cor. to secs. 7, 12, 13 & 18 marked 4 notches on S and 2 on N faces, dug pits 18 X 18 X 12 ins in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside.

Land gently rolling.
Soil mixed with sand clay and gravel 1st and 2nd rate
Undergrowth, sage brush on 80.00 chs.

East Boundary T 24 S

chs.	
	N bet. sec's. 7 and 12. Var. 16° E.
40.00	Set gray lime stone 14X 10X 7 ins. 9 ins in ground for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 X 18 X 12 in N and S of stone, and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside.
60.00	Trail, course N W and S E.
80.00	Set gray granite stone 14X 12 X 8 ins. 9 ins. in ground for cor to sec's. 1, 6, 7 and 12 marked 1 notch on N and 5 on S faces. and raised a mound of earth and stone alongside.
	Land nearly level.
	Soil mixed with sand and gravel 2nd rate.
	Undergrowth sage brush on 80.00 chs

N bet. sec's. 1 and 6
Var. 16° E.

40.00 Set gray lime stone 15X

R 9

chs. ins.
cor.
pits
line.
raise
ft.
80.00 Set
ins. 1
~~sec's~~
and
on e
18X12
line
moun
5 ft.
Lan
Soi
and
Under
on 8

R. 9 W. S. L. M.

	chs.	ins. 10 ins. in ground for 1/4 sec. cor. marked 1/4 on W face, dug pits 18X18X12 ins. N and S of line. 5½ ft. distant, and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
	80.00	Set gray granite stone 16X10X6 ins. 11 ins. in ground for cor. to ~~secs~~ Tps. 23 and 24 S. Rs. 8 and 9 W. marked 6 notches on each edge, dug pits 24X18X12 ins lenghwise on each line 6 ft. dist. and raised a mound of earth 2½ ft high 5 ft. base alongside.

Land nearly level.

Soil mixed with sand and clay 1st. and 2nd rate Undergrowth sage brush on 80.00 chs.

Resurvey W boundary T 24 S R.

Cho. Note. In attempting to connect on the W and N boundaries of this township I was unable to find the original corners in place, some were entirely obliterated and others were thrown down (the land having been extensively used as a pasture) 40.00 Tp. 24 S. R 10 W having been subdivided and Tp. 23 S R 9 W partially subdivided, the missing corners must be placed at the same point that the originally occupied therefore to more correctly restore lost corners I resurvey said boundaries, commencing at the same cor. 80.00 as was started from in original survey; to wit. from the cor to Tp's 24 & 25 S. R's. 9 & 10 W, which is a charred cedar post 3½ ft. long 4 ins square. firmly set

Cho.

R. 9 W. S. L. M.

cho. in the ground, marked with 6 notches on each edge and pits N, S. E. and W of post 6 ft. dist. and a mound of earth alongside.

I run N on a true re-survey line bet. Sec's. 31 & 36

Var. 16° E.

40.00 No trace of cor. set a charred ceder post 3 ft long, 3 ins. diam. 12 ins. in ground for reestablished 1/4 sec. cor. marked 1/4 S on W face, dug pits 18 X 18 X 12 ins. N and S of post 5 1/2 ft. distant and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside around post.

80.00 Pits and mound obliterated, find a chared ceder post 4 ins. square 4 ft. long lying on ground, re set same 12 ins. in ground for re-established cor. to sec's. 25, 30, 31 and 36

Resurvey W boundary T24

Chs.	
	marked T24 S. S 30 on N. E. R 9 W. S. 31 on S. E. R. 10 W S 36 on S W and S 25 on N W faces. dug pit 18 X 18 X 12 ins. in each sec. 5½ ft. distant and raised a mound of earth 2 ft. high 4½ ft. base around post. Land nearly level. Soil mixed with sand clay and gravel 1st and 2nd rate. No timber.
	N on a true resurvey line bet. secs. 25 and 30. Var. 16° E.
23.00	Road course S. 65° E and N 65° W.
40.00	No trace of old cor. set black lava stone 20 X 12 X 5 ins. 15 ins. in ground for re-established ¼ sec. cor. marked ¼ on W face and raised a mound of earth

BOOK-A-19

R. 9

chs	
77.00	an Ro Fin on blo ins. 2 no faces 25 & ins. dist. earth base Lo Soi and 2 "
0.00	N on bet. Fina 15 X 12 groun

R. 9 W. S. L. M.

chs	
77.00	and stone alongside. Road S 85° W & N 85° E.
80.00	Find original cor. lying on ground reset ~~same~~ a black lava stone 20X18X10 ins. 15 ins. in ground marked 2 notches on S and 4 on N faces for cor. to secs. 19, 24, 25 & 30, dug pits 18X18X12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.
	Land nearly level.
	Soil mixed with sand and gravel.
	2nd and 3rd rate.
	"No timber."

N on a true resurvey line bet. secs. 19 and 24

Var. 16° E.

0.00	Find a black lava stone 15X12X7 firmly set in the ground marked ¼ on W

Resurvey W. Boundary T2

Chs.	
	face, dug pits 18 X 18 X 12 ins. N and S of stone 5½ ft. di and raised a mound of eart 1½ ft. high. 3½ ft. base alongside.
80.00	No trace of old cor. set a black lava stone 15 X 14 ins. 10 ins. in ground for re-established cor. to sec 13. 18. 19 and 24. marked 3 not on N & S edges and raised mound of earth and stone alongside.
	Land level and rolling
	Soil 2nd rate
	No timber.
	October 31st. 188
	N on a true resurvey line bet. secs. 13 and 18
	Var. 16° E.
35.50	Low ridge ascend.
37.50	Top of low ridge course E and W

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S. R. 9

Chs.	
40.00	Cor. face ston in W fa N an dista of ea high
4.70	Wood S 70
0.00	After unab black ins. 11 re-est 7. 12. 13 on Sa dug p each raised 2 ft. along
	Lan
	Soi
	N

S. R. 9 N. S. L. M.

chs.	
40.00	Cor. stone lying on surface. reset a gray lime stone 14X12X6 ins. 9 ins. in ground, marked ¼ on W face. dug pits 18X18X12 ins. N and S of stone 5½ ft. distant, and raised a mound of earth 1½ ft. high 3½ ft. high alongside.
4.70	Wood road course N 70° E & S 70° W
0.00	After deligent search was unable to find cor. set a black lava stone 16X12X8 ins. 11 ins. in ground for the re-established cor. to secs. 7, 12, 13 and 18 marked 4 notches on S and 2 on N faces. dug pits 18X18X12 ins in each sec. 3½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.

Land level.
Soil 2nd rate.
No timber

Resurvey W Boundary

chs.	
	N on a true resurvey line bet. secs. 7 and 12 Var. 16° E.
7.70	Road from Deseret to Black Rock course S 50° W and N 50° E.
40.00	No tr[illegible] of cor. set black lava stone 14 X 12 X 8 ins. 9 in ground for 1/4 sec. cor. marked 1/4 on W face. dug pits 18 X 18 X 12 ins. N and S of stone 5 1/2 ft. distant and raised a mound of earth 1 1/2 ft. high. 3 1/2 ft. base alongside.
80.00	No indications of cor. set a black lava stone 14 X 10 X 8 ins. 9 ins. in ground for the re-established cor. to secs. 1. 6. 7 and 12 marked 5 notches on S and 1 on W edges, dug pits 18 X 18 X 12 in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside.

T 24 S

chs.	
	S[illegible]
	Lo[illegible]
	sa[illegible]
	and
	Und[illegible]
	mou[illegible]
	N o[illegible]
	bet[illegible]
40.00	Fin[illegible]
	15 X 1[illegible]
	face,
	sec. c[illegible]
	N a[illegible]
	and
	earth
	Ascen[illegible]
50.00	To p.
	high
	lava
	and [illegible]
7.00	Foot
	below

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T 24 S R 9 W S L M.

chs. Land nearly level.
Soil loam mixed with sand clay and gravel 1st and 2nd rate
Under growth, sage brush and mountain rust on 8000 chs.

N on a true resurvey line bet. sec's. 1 and 6.
Var. 16° E.
4000 Find black lava stone 15X10X8, marked 1/4 on W face, and to perpetuate 1/4 sec. cor. dug pits 18X18X12 ins. N. and S. of stone 3½ ft. dist. and raised a mound of earth and stone alongside
Ascend.
0.00 Top. of ridge about 200 ft. high covered with large lava boulders course N. E. and S. W. descend.
7.00 Foot of ridge about 200 ft. below top course N. E. and

Res. W. Bound. T 24 S. R. 9 W.

Chs.	
	S. W.
	Descend.
~~57.00~~	~~Foot of ridge~~
80.00	Find district traces of original mound and pits in mound set a black lava stone 14 X 10 X 10 ins. 9 ins. in ground for re-established cor. to Tp's. 23 and 24 S R's. 9 and 10 W marked with 6 notches on each edge, dug pits 24 X 18 X 12 ins. N. S. E. and W 6 ft. distant and raised a mound of earth 2½ ft. high 5 ft. base alongside.
	Land rolling and rocky. Soil, mixed with clay, sand gravel and rock 2nd, 3rd and 4th rate.
	Undergrowth, sage and grease wood on 80.00 chs.

Chs.	
	No
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20.00	Foo
	and
3.00	As
34.75	Top
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39.00	Lar
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Resurvey of 440

North Boundary T24S. R.9 W.

Chs.	
	Note The N boundary of the Tp. having been run 4 miles E and subdivisions made N of same using said line for a base I therefore commenced at the cor. to Tp's. 23 and 24 S. R's. 9 and 10 West. I run East, on a true resurvey line b.t. sec. 6 and 31.
	Var. 16° E.
20.00	Foot of ridge course N. E. and S. W. ascend.
30.00	Ascent not so abrupt.
34.75	Top of bluff about 150 ft. above last cor. course N. E. and S. W. descend.
39.00	Large boulder, descent abrupt.
0.00	No trace of old cor. set a black lava stone 15 x 12 x 8 ins 10 ins in a mound of stone for re-established 1/4 sec cor. marked 1/4 on N face and raised a mound of stone ~~1½ ft. high 3½ ft. base~~

441

Resurvey N Bound. T 24 S

Chs.	
	1½ ft. high 3½ ft. base alongside. pits impracticab
45.00	Foot of lava bench.
58.00	Road from Block Rock to Deseret course N 30° E and S 30° W.
75.50	Foot of bluff course N. E. & S.
80.00	No trace of old cor. set a block lava stone 24 X 14 X 12 ins. for re-established cor. to secs. 5. 6. 31 and 32. marked 1 notch on W and 5 on E edge dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. distant and raised a mound of earth 2 ft. high 4½ ft. base alongside.
	Land level and rolling. Soil 2nd rate and 4th ra Undergrowth, sage brush and grease wood on 80.00 chs.

E on a true resurvey li

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R. 9 W. S. L. M.

chs.

bet. secs. 5 and 32.
Var. 16° 00' E.

40.00 No trace of cor. set a black lava stone 15 X 12 X 6 ins. 10 ins in ground of 1/4 sec. cor. marked 1/4 on N face, dug pits 18 X 18 X 12 ins. E and W of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

80.00 No trace of cor., set a gray granite stone 18 X 14 X 8 ins. 12 ins. in ground for cor. to secs. 4. 5. 32 and 33 marked 2 notches on W and 4 on E edges, dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside.

Land rolling

Soil sandy, 2nd and 3rd rate.

Undergrowth, sage brush and greasewood on 80.00 chs.

Resurvey N Boundary

Chs.	
	E on a true resurvey line bet. secs. 4 and 33. Var. 16° E.
30.00	Coyote Springs 200 lks S of line.
40.00	Find gray sand stone 16x 7x6 ins. on top of ground, reset same 12 ins in ground for re-established 1/4 sec. cor. marked 1/4 on N face and raised a mound of earth and stone alongside.
80.00	Find Indian mill-stone 14x11x4 lying on surface reset same 10 ins in ground for re-established cor. to sec. 3. 4. 33 and 34 marked ~~marked~~ 3 notches on E and Wedges dug pits 18x18x12 ins in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.
	Land rolling
	Soil sandy 2nd rate
	Undergrowth, greasewood, sb

T 24

Chs.	
	bru rush
	E b
40.00	Fin 15x12 a mo 1/4 on
60.00	Fo ascen
63.25	Top high N 10
65.25	Bolt
67.00	Top
70.00	Was
70.00	A re ins. le same re-est 2.3.34 Wand raised

T 24 S R. 9 W. S. L. M.

chs.	
	brush and mountain rush on 80.00 chs.
	E on a true reservey line. bet. sec's. 3 and 34 Var. 16° 00' E.
40.00	Find gray granite stone 15 X 12 X 8 ins. firmly set ins a mound of stone marked 1/4 on N face for 1/4 sec. cor.
40.00	Foot of spur of ridge ascend.
43.25	Top of same about 50 ft. high. course S. 10° W and N 10° E.
45.25	Bottom of ravine course S 10° W
47.00	Top of spur of ridge.
50.00	Wash course N 10° E. S 10° W.
50.00	A red sand stone 23 X 12 X 4 ins. lying on surface. reset same 16 ins. in ground for re-established cor. to sec's. 2. 3. 34 & 35 marked 4 notches on W and 2 on E edges. and raised a mound of earth and

Resurvey N Boundary R. 9 W.

Chs. stone alongside.

Land rolling and mo

Soil, loam mixed with s

gravel and rock 1st. 2nd

Undergrowth, sage brush, on 8

Note This line havi

been run 4 miles E fr

the W boundary, by a fo

survey and at this time

reestablished to and in

the cor. to sec's. 2, 3, 34 a

I therefore run a blank

E bet. sec's. 2 & 35 and

1 & 36 and find the Tp. c

to be on this line and the di

to be 2 miles. I run.

E on a true line

bet. sec's. 2 and 35

Var. 16° 00' E.

15.00 Foot of mountain spur

35.00 Top of spur course N and

40.00 Set gray granite stone 16X10

11 ins. in ground for 1/4 sec

marked 1/4 on N face and

raised

Top of ridge.

Set gra

ins. in g

sec's. 1, 2, 3

on Wand

raised a

high 4

pits in

Land

Soil. l

and gr

Undergro

greasewoo

E on

be

Top of

point on

above v

Foot o

valley

S 15° W.

Set a gr

R. 9 W. S. L. M.

raised a mound of stone alongside
Top of ridge course. N & S. descend.
Set gray granite 18X10X8 ins 12
ins. in ground for cor to
secs. 1, 2, 35 & 36 marked 5 notches 83.
on W and 1 on E edges and
raised a mound of stone 2 ft.
high 4½ ft. base alongside.
pits impracticable.
Land mountain ridges.
Soil. loam mixed with clay
and gravel. 2nd rate
Undergrowth, sage brush and
greasewood on 8000 chs.

E on true line.
bet. secs. 1 and 36.
Var. 16° 00' E.
Top of mountain, highest
point on line about 500 ft.
above valley; descend.
Foot of mountain enter
valley course N 10° E and
S 10° W.
Set a gray granite stone

Chs.	16X12X8 ins. 11 ins. in ground for 1/4 sec. cor. marked 1/4 on N face. dug pits 18X18X12 ins. E and W of stone 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
80.00	The cor. to Tp's. 23 and 24 S. Ri's. 8 and 9 West.
	Land bench and mountains Soil mixed with rock and gravel 2nd and 4th. rate Undergrowth, sage brush on 80.00 chs.
	November 1st. 1882.

Note. For general descriptio see subdivision Notes.

Andrew J. Stewart Jr.
U. S. Deputy Surveyor

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, August 4th *1883.*

The foregoing field notes of the survey of the East fractional survey of the North and resurvey of the West and fractional North boundaries

Township No. 24 South *Range No.* 9 West

Executed by Andrew J. Stewart jr

Under No 111th *contract of the* 7th

day of September *1882, in the months of* Oct & Nov. *1882, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomons

U. S. Surveyor General for Utah.