Vol 180 BOOK-A-180

REPORT: 1883 1

Filed 1882

Examined by John H. Crampe

Compared by E. H. Hess & E. Solomon

FIELD NOTES

OF THE SURVEY OF THE

Snake Valley

Guide Meridian.

Through

Township Nos. 16, 17, 18, 19 and 20 South

Range Nos. 17 & 18 West.

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart, Jr.

U. S. Deputy Surveyor,

Under his Contract No. 108

Dated June 16th 1881

Survey commenced February 11th 1882

Survey completed February 17th 1882

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1

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Township 21 S. **R.** 17 W.

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

2

BOOK-A-180

Township 19 S. **R.** 17 W.

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

3

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Township 18 S. **R.** 17 W.

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

4

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Township 17 S. **R.** 17 W.

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

5

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Township 16 S. **R.** 17 W.

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

2 NAMES AND DUTIES OF ASSISTANTS:

Shadrach M. Richardson ..... *Compassman.*

James N. Stewart ..... *Chainman.*

Joseph F. Thompson ..... *Chainman.*

Brigham J. Brown ..... *Chainman.*

James F. Ogles ..... *Chainman.*

Joseph R. Ogles ..... *Axeman.*

David C. Craft ..... *Axeman.*

..... *Flagman.*

Snake Valley Guide Meridian
Tp 20 South bet Rs 17 and 18 W.

On the night of February 9th 1882, I took an observation on the star Polaris in accordance with instructions contained in the Manual of surveyors, and drove pickets on the line thus established survey commenced February 11th 1882 with a Burts improved solar compass, Manufactured by W. and L.E. Gurley. Before commencing this survey I test my compass on the line established last night, and find it correct. I begin at the standard cor. to Tps. 20 S. Rs 17 and 18 W. which is a charred

Snake Valley Quick Meridian

Chains	cedar post 4½ ft. long and 4½ ins. square, firmly set in the ground, marked M.C.T. 20 S. on S. R. 17 W. S. 31 on E. and and R. 18 W. S. 36 on W. faces with 6 notches on S. E. and W. faces, with pits 24 x 18 x 12 ins. crosswise on each line N. E. and W. of post 6 ft. dist. and a mound of earth 2½ ft. high 5 ft. bases around post Thence I run North bet secs. 31 and 36 Va. 16° 20'	Chains	80.00
	Ascend gently sloping bench.		
40.00	Set a gray lime stone 14 x 8 x 6 ins. 9 ins in the		

Tp 20 South bet Rs 17 and 18 West.

Plains ground, for ¼ sec. cor. marked M. C. on W. face and raised a mound of earth and stone along side.

80.00 Set a gray lime stone 14 x 6 x 5 ins. 9 ins. in the ground, for cor. to secs. 25, 30, 31 and 36 marked M. C. with 1 notch S. and 5 notches N. edges and raised a mound of earth and stone along side.

Land, ascending North Soil, sand and gravel 2nd rate

No timber.

Snake Valley Guide Meridian

Chains	North bet. secs. 25 and 30 Va. 16°51' E.
10.50	Foot of the mountain ascend
15.00	Top of ridge about 60 ft. high
40.00	Set a gray limestone 16 × 10 × 6 ins. 11 ins. in the ground for ¼ secs. cor. marked M.C. ¼ on W. face, and raised a mound of stone and earth long side
50.00	Foot of mountain
80.00	Set a gray limestone 16 × 8 × 6 ins. 11 ins. in the ground, for cor. to secs. 19, 24, 25 and 30 marked M.C. with 2 notches S. and 4 notches N edges and raised a mound of stone

Tp 20 South, bet Rs 17 and 18 West.

Chains along side.

Land, rolling mountains
Soil, mixed with clay
and sand 3rd and 4th
rate. Mountains on 69.50 chains

North bet. secs. 19 and 24
Va. 16° 51' E.

Over rolling mountains
40.00 Set a gray limestone
14 x 12 x 8 ins. 9 ins. in the
ground for 1/4 sec. cor.
marked M.C 1/4 on W. face,
and raised a mound of
stone along side
37.50 Lime stone edge 5 ft high
course S.E. and N.W.
80.00 Set a gray limestone
16 x 10 x 8 ins. 11 ins. in the

Chains		Chai
	ground, for cor. to secs. 13, 18, 19 and 24, marked M. C. with 3 notches on N. and S. edges, and raised a mound of stone alongside	41.
	Land, rough and mountaineous	76.
	Soil, mixed with rock and clay 4th rate	80.
	Mountains on 80 chains.	
	North bet. secs. 13 and 18 Va 16°51'E.	
	Over rolling mountains	
40.00	Set a gray limestone 15×10×6 ins. 10 ins. in the ground, for ¼ secs. cor. marked M. C. ¼ on W. face,	

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Chains	
	and raised a mound of earth along side.
41.50	Top of ridge about 2 ft. high, course E. and W.
76.50	Foot of lime stone edge about 12 ft. high course S.E.
80.00	Set a gray lime stone 18x10x8 ins. 12 ins in the ground, for cor. to secs. 7, 12, 13 and 18, marked M. C. with 4 notches S. and 2 notches N. edges, and raised a mound of stone along side.
	Land, mountainous Soil, mixed with rock and clay 4th rate.
	Mountains on 80 chains.

Snake valley Gnde Meridian

Chains	Morth bet. secs 7 and 12. Va. 16° 51' E.
	Over rolling mountains
30.00	Head of hollow course E.
38.00	Leave hollow, 100 feet deep t.
40.00	Set a gray lime stone 20 × 10 × 7 ins. 15 ins. in the ground, for 1/4 sec cor. marked M.C. 1/4 on W. face, and raised a mound of stone alongside,
75.00	Bottom of hollow 100 ft. deep 150 lks. wide course S. E.
76.50	Leave hollow
80.00	Set a gray lime stone 30 × 12 × 10 ins. 22½ ins. in the ground, for cor. to secs. 1, 6, 7, and 12, marked M.C. with 5 notches South and 1 notch on N. edges

Tp 20 South bet Rs 17 and 18 Wen West.

Chains and raised a mound
of stone along side
Land mountainous
Soil mixed with rock
and clay 4th rate
Mountains on 80 chains

North bet. secs. 1 and 6
Va. 16° 51' E.
Over mountains
2.50 Top of limestone ridge
39.00 Top of knoll
40.00 Set a gray lime stone
24 X 12 X 10 ins 18 ins. in the
ground, for 1/4 sec cor.
marked M. C. 1/4 on W.
face and raised a mound
of stone along side.

 Snake Valley Quick Meridian
Tp 20 South, bet Rs 17 and 18 West

Chains		Chai
41.25	Bottom of hollow	
43.75	Top of Ridge, and decend	
55.25	Bottom of ridge	40.
80.00	Set a conglomerate stone 18 X 12 X 6 ins. 12. ins. in the ground, for cor to Tps. 19 and 20 S. Rs. 17 and 18 W. marked M. C. 6 notches on N. S. E and W. edges and raised a mound of stone along side.	80.
	Land, rolling ridges Soil mixed with clay and gravel 3rd rate Mountains on 80 chains.	
	General Description. The land crossed by this line is mostly rocky mts. The land in adjourning Tps is partly mountainous & valley and is destitute of Water.	

Snake Valley Guide Meridian
Township 19 South bet Rs 17 and 18 W.

Chains. North bet. secs. 31 and 36
Va. 16°20' E.

Over rolling mountains

40.00 Set a gray lime stone 14×10×6 ins. 9 ins. in the ground for ¼ sec. cor. marked M. C. ¼ on W. face and raised a mound of stone along side.

80.00 Set a gray lime stone 18×12×6 ins. 12 ins. the ground for cor. to secs. 25, 30, 31 and 36 marked M. C. with 1 notch S. and 5 notches 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, along side.

Snake Valley Guide Meridian

Chains.	
	Land mountainous and broken Soil, mixed with rock and gravel 4th rate Mountains on 80 chains Feb. 10th. 1882
	North bet. secs. 25 and 30 Va. 16° 20' E.
3.00	Bottom of hollow about 80 feet below ridge
11.00	Top of ridge 60 ft. above hollow course E and W.
22.50	Wood road in hollow course E and W.
40.00	Set a gray lime stone 20×8×8 ins. 15 ins in the

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Tp. 15 South, bet. Rs. 17 and 18 West.

Chains	
	ground, for ¼ sec. cor. marked M. C. ¼ on W. face, dug pits 18×18×12 ins. N. and S. of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base, alongside, and along E. slope of mountain
75.00	Top of spur of ridge
80.00	Set a gray lime stone 20×18×12 ins. 15 ins. in the ground, for cor. to secs. 19, 24, 25, and 30 marked M. C. with 2 notches S. and 4 notches N. edges. dug pits 18×18×12 ins. in each sec. 5½ ft. dist. and raised a mound of stone 2 ft. high, 4½ ft. base, along side. Land mountainous and broken.

Snake valley Guide Meridian

Chains.		Ch
	Soil, mixed with rock and gravel 4th rate Mountains on 80 chains.	
	North bet secs. 19 and 24 Va. 16°20' E.	65.
	Over broken mountains spurs.	80.
1.50	Bottom of hollow, course W.	
7.00	Top of rocky ridge about 100 ft. above hollow	
15.00	Bottom of hollow 150 ft. below ridge E. ascend	
39.00	Top of ridge course E.	
40.00	Set a gray lime stone 18 X 12 X 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked M. C. 1/4 on W. face	

Tp 19 South bet Rs 17 and 18 West.

Chains	
	dug pits 18×18×12 ins. N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high 3½ ft. base. along side
63.50	Top of ridge about 200 ft. above hollow course E.
80.00	Top of low pass in mountains range bet. valleys. Set a gray limestone 18×12×10 ins. 12 ins. in the ground, for cor. to secs. 13, 18, 19 and 24 marked M. C. with 3 notches N. and S. edges dug pits 18×18×12 ins. in each sec. 5½ ft. dist., and raised a mound of stone 2 ft. high 4½ ft. base, along side
	Land rolling mountains E.

Snake valley Guide Meridian

Chains.		Chain
	Soil, mixed with rock and gravel 4th rate	
	Mountains on 80 chains	80.0
	North bet secs. 13. and 18 Va. 16°20' E.	
	Along W. slope of mountain Enter scatterings scrub ceder timber	
40.00	Set a gray limestone 18 × 12 × 6 ins. 12 ins in the ground for ¼ sec. cor. marked M. C. ¼ on W. face, from which a ceder tree 12 ins. in diameter, bears E. 20 lks. dist marked M. C. ¼ S. B. T. A ceder tree 12 ins in diameter, bears S. 85° W. 50 lks dist	

BOOK-A-180 17 19 81 35

Tp 19 South, bet Rs 17 and 18 West.

Chains	marked M. C. 1/4 S. B. T.
80.00	Set a gray limestone 18×6×6 ins. 12 ins. in the ground, for cor. to secs. 7, 12, 13, and 18 marked M. C. with 4 notches S. and 2 notches N. edges, dug pits 18×18×12 ins. in each sec. 5½ ft dist. and raised a mound of stone 2 ft. high 4½ ft. base, alongside Land, mountainous Soil mixed with roch and gravel 4th rate Scrub ceders on 76.50 chains
	North bet. secs. 7 and 12 Va. 16° 20' E.

Snake valley Quick Meridian

Chains	
	Over rolling mountains
8.00	Top of ridge main mountain, course S. 40° E. and N. 40° W. and along E. slope of mountain that desends E. scruby cedars.
40.00	Set a gray lime stone 18×12×6 ins. 12 ins. in the ground, for ¼ sec. cor. marked M. C. ¼ on W. face and raised a mound of stone and earth alongside
41.80	Top of spur of ridge, course W. which is the highest point on the line, Thence along W. slope of mountain
48.50	Top of spur of ridge, course W.
63.00	Top of spur of ridge

Tp 19 South bet. Rs. 17 and 18 West

Chains	course W.
	Bottom of steep ridge a
	hollow N. W.
80.00	Set a gray lime stone
	18×14×10 ins. 12 ins in the
	ground, for cor. to secs. 1, 6,
	7 and 12 marked M. C. with
	5 notches S. and 1 notch N.
	edges, and raised a mound of
	stone and earth, alongside
	Land, mountainous, and
	broken
	Soil, mixed with rocks
	and gravel 4th rate
	Mountains on 80 chains
	Timber scattering ceder
	North bet. secs. 1 and 6
	Va. 16°20' E.

Chains	
	Over W. slope of mountain and spurs of ridges through scattering cedars
40.00	Set a gray limestone 24 x 10 x 4 ins. 18 ins. in the ground for 1/4 sec. cor. marked M. C. 1/4 on W. face and raised a mound of stone and earth alongside
80.00	Set a gray limestone 30 x 18 x 10 ins. 22 1/2 ins. in the ground, for cor. to T. ps. 18 and 19 S. Rs. 17 and 18 W. marked M. C. 6 notches N. S. E. and W. edges with a mound of stone and earth, alongside, from which is a lone cedar tree 4 ins. diam.: bears N. 80° W. 480 lks. dist. marked

Snake Valley Guide Meridian
Township 18 South betw Rs 17 and 18

Chains	
	T. 18 S. Rs. 18 W. S. 36 B. T.
	Land, mountain slopes
	~~W.~~ Soil, mixed with rock
	and gravel 4th rate
	Timber scattering ceder
	Mountains on 80 chains.
	General Description
	The line passes entirely through mts The adjourning Tps embrace mostly land unfit for cultivation Feb. 12th
	North bet. secs. 31 and 36
	Va. 16° 20' E.
40.00	Set a Flint Quartz 30×26× 11 ins. 22½ ins. in the ground, for ¼ sec cor. marked M. C ¼ on W. face, and raised a mound of earth and stone along side
42.50	Wash 12 ft. deep 200 lks wide course W.
50.00	Top of ridge, course E. and W.

Snake valley Guide Meridian

Chains.	
80.00	Set a gray lime stone 16 × 10 × 6 ins. 12 ins. in the ground, for cor. to secs. 25, 30, 31, and 36 marked M. C. with 5 nothes on N. and 1 notch on S. edges, and raised a mound of earth and stone alongside Land, mountainous. Soil mixed with rocks and gravel 4th rate Scattering cedars on 80 chains
	North bet. secs. 25 and 30 Va. 16° 20' E.
6.00	Wash 1.50 lks. wide and

Tp. 18 South, bet. Rs. 17 and 18 West.

Chains	
	15 ft. deep, bears N. 30° W.
10.00	Top of ridge 50 ft. above Wash
20.00	Leave cedars.
40.00	Set a gray lime stone 14×6×8 ins. 9 ins. in the ground, for ¼ sec. cor. marked M. C. ¼ on W. face, and raised a mound of earth and stone alongside
62.00	Wash 50 lks. wide and 8 ft. deep, bears N. 60° W.
67.00	Top of hill 75 ft. high
72.00	Foot of hill
80.00	Set a lime stone 18×10×7 ins. 12 ins. in the ground for cor. to secs. 19, 24, 25 and 30, marked M. C. with 4 notches on N. and 2 notches on S. edges, and raised a mound of stone alongside

Snake Valley Guide Meridian

Chains	
	Land mountainous and broken
	Soil, mixed with rock and gravel 4th rate
	Scattering cedars on 80 chains
	North bet. secs. 19 and 24 Va. 16°20' E.
26.20	Hollow foot of hill
37.00	Top of hill 40 ft. high
40.00	Set a gray lime stone 14×7×6 ins. 12 ins. in the ground, for 1/4 sec. cor. marked N. C. 1/4 on N. face and raised a mound of earth and stone along side

Tp 18 South, bet Rs. 17 and 18 West.

Chains	
56.00	Wash 40 lks. wide 2 ft. deep course N. 20° W.
72.30	Warsh 40 lks. wide 2 ft. deep course N. 25° W.
80.00	Set a gray limestone 24 × 8 × 6 ins. 18 ins. in the ground for cor. to secs. 13, 18, 19 and 24 marked M. C. with 3 notches on N. and S. edges and raised a mound of earth alongside
	Land mountainous and broken.
	Soil, mixed with rocks and gravel 4th rate
	Mountains on 80 chains.

Snake Valley Guide Meridian

Chains	
	North bet. secs 13 and 18 Va. 16°20' E.
9.50	Wash 50 lks. wide and 2 ft deep course N.
10.00	Foot of mountain
11.50	Top of ridge about 15 ft. high
13.00	Foot of ridge
16.00	Wash 15 lks wide and 2 ft deep course E.
40.00	Set a lime stone 14 × 7 × 6 ins. 12 ins in the ground, for 1/4 sec cor. marked N. E. 1/4 on N. face, and raised a mound of earth and stone along side
50.00	Top of mountain 500 ft. above level

Tp 18 South bet. Rs 17 and 18 West.

Chains	
54.50	Hollow course E.
56.00	Top of ridge 12 ft. above hollow
80.00	Set a gray lime stone 19 × 12 × 9 ins. 14 ins. in the ground, for cor. to secs. 7, 12, 13 and 18 marked M. C. with 2 notches on N. and 4 notches on S. edges, and raised a mound of earth 2 ft. high 4½ ft. base along side
	Land, mountainous
	Soil mixed with rocks and gravel 4th rate
	Mountains on 80 chains

Feb. 13 & 1882

Snake Valley Guide Meridian

Chains	
	North bet. secs. 7 and 12. Va. 16° 20' E.
31.00	Wash 20 lks. wide 2 ft deep course E.
40.00	Set a gray lime stone 14×8×6 ins. 10 ins. in the ground, for 1/4 sec. cor. marked M.C. 1/4 on W. face, and raised a mound of earth and stone 1 1/2 ft. high 3 1/2 ft base along side
56.00	Foot of ridge
59.00	Top of ridge about 20 ft. high decend E.
61.50	Ravine, course E.
63.00	Top of ridge 12 ft. above ravine
80.00	Set a gray lime stone 20×14×9 ins.

Tp 18 South, bet Rs. 17 and 18 West, West.

Chains 15 ins in the ground,
for cor. to secs. 1, 6, 7 and
12 marked M. E. with 5
notches on S. and 1 notch
on N. edges and raised
a mound of earth and
stone alongside
Land, mountainous
Soil mixed with rock
and gravel 4th rate
Mountains on 80 chains
North bet. secs. 1 and 6
Va 16° 25' E.

9.00 Top of ridge decend E.
21.00 Ravine 10 ft below ridge
course E.
27.00 Top of ridge

 Snake valley Guide Meridian
Tp 18 South bet. Rs. 17 and 18 West.

Chains	
28.00	Foot of ridge
38.00	Wash enters Valley, S bank of wash 15 ft. deep
40.00	Set a gray lime stone 16×8×7 ins. 12 ins. in the ground for ¼ sec. cor. marked M. C. ¼ on W. face and raised a mound of earth and stone 1½ ft. high 3½ ft base alongside
45.00	North bank of wash course W.
69.50	Wagon road bears N. 35° E.
80.00	Set a gray lime stone 16×16×6 ins 12 ins. in the ground, for cor. to Tps. 17 and 18 S. Rs. 17 and 18 W. marked M. C with 6 notches on N. S. E. and W. edges

Chains and raised a mound of
stone and earth
alongside
Land mountainous
Soil mixed with rock
and gravel 4th rate
Mountains on 80 chains
General Description
This line crosses mountainous country. The
adjourning Tps. are mostly mountains.
Land unfit for cultivation
Thence I run North bet. secs. 31 & 36
Va. 16° 20' E.
Decend over gently rolling mountain
40.00 Deposit marked stone 12 ins. in
the ground for 1/4 sec. cor.
dug pits 18 × 18 × 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, 2 ins. square 12 ins. in
the ground marked M. C.
1/4 S. on W. face

Snake valley Guide Meridian

Chains	
51.00	Wash 80 lks wide 3 ft. deep course N. 80° W.
71.50	Wash 30 lks wide 2½ deep drains N. 50° W.
80.00	Set a limestone 16 X 11 X 6 ins. 12 ins in the ground for cor. to secs. 25, 30, 31 and 36 marked M. C. with 1 notch S. and 5 notches N. edges and raised a mound of earth and stone alongside
	Land gently descending mountain, Soil 4th rate
	Mountains on 80 chains
	North bet. secs. 25 and 30 Va 16° 20' E.
	Over gently decending mountain
5.50	Wash 20 lks wide 3 ft. deep

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Tp. 17 South Rge. 17 and 18 West

Chains	
25.00	Wash 20 lks wide 2 ft. deep drains N.
40.00	Set a limestone 14×10×6 ins. 12 ins. in ground for 1/4 Sec. cor. marked M. C. 1/4 on N. face and raised a mound of earth and stone along side
50.00	Wash 20 lks wide 2 ft. deep drains N. 20° W.
80.00	Set a gray lime stone 14×7×6 ins. 12 ins in the ground for cor. to secs. 19, 24, 25 & 30 marked M. C. with 2 notches S. and 4 notches N. edges and raised a mound of stone alongside.

Land, rolling mountain on 80 chs.
Soil, gravel 4th rate
North bet. secs. 19 and 24
Va. 16° 20' E.

Snake valley Guide Meridian

Cha	Chains	
51.	28.50	Wash 15 lks. wide 2½ ft. deep drains N.
71.	39.60	Wash 30 lks. wide 3 ft. deep Course N. 10. W.
80.	40.00	Set a gray lime stone 14×7×6 ins. 12 ins in the ground for ¼ sec. cor. marked M. C. ¼ on W. face and raised a mound of earth and stone alongside
	69.30	Wash 20 lks wide 2½ ft. deep drains N. 30° W.
	77.90	Wash 30 ft. wide 2½ ft. deep
	80.00	Set a gray lime stone 14×8×6 ins. 12 ins in the ground for cor. to secs. 13, 18, 19 and 24 marked M. C. with 3 notches on N. and S. edges and raised a mound of earth and stone alongside
5.		

Tp 17 South bet Rs 17 and 18 W Gen.

Chains	Land almost level
	Loid gravel 4th rate
	Feb. 14th 1882
	North bet. secs. 13 and 18
	Va. 16°20' E.
31.50	Wash 15 lks. wide 2½ ft. deep drains. N. W.
36.30	Road bears N. 45° W.
40.00	Set gray lime stone 16×16×7 ins. 12 ins. in the ground for ¼ secs. cor. marked M. C. ¼ on W. face, and raised a mound of earth and stone alongside
48.50	Wash 15 lks. wide 3 ft. deep drains N. W.
48.90	Road from Deseret to Salt Marsh and course N. 45° W. and S. 45° E
80.00	Set a gray lime stone 18×10×8 ins. 12 ins. in the ground for cor.

Snake vally Guide Meridian

Chains	
	to secs. 7, 12, 13 and 18
	marked M. C. with 4 notches
	S. and 2 notches N. edges and
	raised a mound stone and earth along
	Land level
	Soil mixed with gravel
	4th rate
	North bet. secs. 7 and 12
	Va 16° 20' E.
17.50	Wash 100 lks. wide 4½ deep
	drains S. 70° W.
30.15	Wash 10 lks. wide 2½ ft. deep
	drains S. 70° W.
40.00	Set a gray lime stone 18 ×
	18 × 6 ins. 12 ins. in the
	ground for ¼ sec. cor. mark
	ed M. C. with ¼ on W. face
	and raised a mound
	of earth alongside
53.25	Wash 20 lks. wide 3 ft.
	deep drains S. 30° W.

Tp. 17 South bet. Ro. 17 and 18 West.

	Chains	
	80.00	Set lime stone 14 X 7 X 6 ins. 12 ins. in the ground for cor to secs 1, 6, 7 and 12. marked M.C. with 5 notches S. and 1 notch on S. edges. and raised a mound of earth and stone alongside
		Land gently ascending
		Soil graveley 3rd rate
		North bet. secs. 1 and 6
		Va. 16° 20' E.
	14.50	Wash 20 lks. wide 3 ft. deep drains S. 20° W.
	40.00	Set limestone 14 X 12 X 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked M.C. 1/4 on W. face and raised a mound of earth and stone along side

40 Chain valley Boise Meridian
Tp 17 South bet Rs. 17 and 18 West.

Chains	
69.50	Descend to hollow
70.80	Foot of hollow 20 below top
78.50	Cross Hollow ascend.
79.50	Top of hill 20 ft. high.
80.00	Set a gray lime stone 16 x 8 x 8 ins 12 ins. ins the ground for cor. to Tps. 16 and 17 S. Rgs. 17 and 18 W. marked M. C. 6 notches on N. S. E. and W. edges and raised a mound of stone and earth alongside

Land broken
Soil gravel and stone
4th rate

General Description

This line crosses both mts. & valley
The adjoining Tps. compose land
with mostly 4th rate soil & unfa
for cultivation

Snake Valley Gth 7/16 S. Bt Res 17+18 West

On the night of Feb. 16th 1882

I took 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, February 17th 1882, with a Burto improved Solar Compass manufactured by W and L. E. Gurley.

Before commencing this survey, I test my compass on the line thus established last night and find it correct. I begin at the corner to Tps 16 and 17 S. Rs 17+18 W

Snake valley Cal. T. 16 S. R. 17 & 18 West

Chains	which is a gray lime stone 18 x 8 x 8 ins, firmly set in the ground, marked 6 notches on N, S, E, and W edges with a mound of earth and stone 2½ ft high, 5 ft base, alongside
	Thence I run N bet Secs 31 and 36. Va 16° 20' E
	Over rolling bench ascending
30.75	Wash 40 lks wide 2½ ft. deep, Course S. 80° E.
40.00	Set limestone 20 x 14 x 10 in 15 ins, in ground for ¼ Sec Cor, Marked ¼ on W face and raised a mound of earth & stone alongside
67.75	Foot of bench, ascend
71.00	Top of bench 12 ft high

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Chains	
78.50	Wash, 60 lks wide 2½ ft deep: course west in hollow
80.00	Set lime stone, 16 X 14 X 8 ins, for secs 25, 30, 31 & 36. 12 ins. in ground marked 1 notch S & 5 notches on N edges, and raised a mound of earth & stone alongside Land rolling, bench soil mixed with gravel. 3rd & 4th rate. No timber.
	North bet. secs. 25 & 30 Va 16° 20' E
	Over rolling bench ascend.
1.75	Wash 2½ ft deep, 20 lks wide, Course S.W.

Snake Valley G.M.T. 16 S. R. 17 & 18 W.

Chains	
18.00	Foot of hill ascend.
21.00	Top of same 20 ft. above foot.
25.00	Bottom of hill, Course S.W.
38.85	Ravine 25 lks wide 10 ft. deep; Course W ascend. mountain Course N.W. & S.E.
40.00	Set a gray limestone 18 X 18 X 15 X ins, on limestone ledge: Course, N 15° E in mound of stone for 1/4 Sec Cor, Marked 1/4 on W face and raised a mound of stone alongside.
42.50	Top of ridge about 50 ft high. Course, S.W. & N.E.
50.00	Bottom of ravine about 50 ft below ridge.
52.50	Top of ridge, about 50 ft high. Course S.W. and across a succession of ridges ascending the mountain.

BOOK-A-180

Salt Lake Meridian

Chains	
	which is a limestone formation
55.00	Foot of ridge and across ravine which is 5 chains wide, Course, S. 10° W.
60.00	Foot of Spur of mountain, Ascend.
67.00	Top of mountain, about 600 ft. high, and descend over lime stone Cliffs
73.00	Bottom of ravine about 100 ft. below ridge; Course N, and ascend
75.00	Top of ridge about 20 ft above ravine.
77.00	Foot of ridge; Course N. Ascend
78.80	Top of ridge, about 50 ft
80.00	Set a limestone 36×24×6 ins, in a mound of stone on a ledge for Cor, to Sec, 19, 24, 25, and 30, Marked, 2 notches on S, 4 notches N, edges, and raised a mound of earth alongside.

Snake valley G.M.T. 16 S. R. 17 & 18 West.

Chains	Land rolling and mountainous Soil mixed with broken lime stone. 3rd & 4th rate. I find petrified fossels in the rocks; Mountains on 80 Chains.
	North, bet, secs, 19 and 24 Va, 16°. 20'. E.
	Ascend Spur of mountain; Course, E. and W; main course of mountain, N. and S;
7.50	Top of Spur of ridge, and descend about 100 feet below ridge.
22.50	Bottom of ridge or ravine 50 lks wide: Course, W;
4	Ascend
5 23.50	Top of ridge about 500 ft. above ravine.
5	Course N. 80° W; & S. 80° E: Descend.

... mountain.

BOOK-A-180

Salt Lake Meridian

Chains	
37.80	Bottom of ravine, Course, N 80° W, 50 lks wide. Ascend
40.00	Set a gray limestone 18 × 12 × 8 ins, 12 ins, in the ground for 1/4 Sec, Cor, and raised a mound of earth and stone alongside
65.00	Bottom of Cañon, 150 lks, wide; Course S 75° W. Ascend.
68.50	Top of ridge about 400 ft, above Cañon; Course W. Descend.
71.00	Bottom of Cañon: Course W. Ascend.
75.00	Top of ridge about 500 ft high. Course, W.

Small Valley G.M.T. 16 S. R. 17 & 18 W.

Chains Descend.

80.00 Set a lime stone 24 × 16 × 8 ins, 11 ins in the ground for Cor, to Secs, 13, 18, 19 and 24; Marked 3, notches N, and S, edges, and raised a mound of earth and stone alongside.

Land mountainous, rough and stony.

Soil mixed with rock and gravel

4th rate.

Mountains on 80, Chains.

North, bet, Secs, 13 and 18.

Va, 16° 20' E.

Over broken land, ridges running West

BOOK-A-180

Salt Lake Meridian.

Chains	
	from summit of mountains.
	Ascend.
6.50	Top of ridge, Course N.W.
	Descend.
9.50	Bottom of ravine 150 lks wide,
	Course N.W.
11.00	Ascend ridges,
14.50	Top of ridge about 40 ft. above ravine.
	Descend.
23.00	Cañon 150 lks wide.
	Ascend.
40.00	Set blue limestone 16 + 12 × 4 ins, 11 ins, in ground for 1/4 Sec. Cor; Marked 1/4 on N. face, and raised a mound of earth and stone alongside.
44.00	Top of ridge about 300 ft. above the Valley.
	Course, E, and W.

Snake valley — 6 M.T. 16 S. R. 18 W.

Chains	Descend.
50.00	Bottom of Cañon 4 chs. wide; Course, N. 70° W.
54.00	N. side of Canon, and ascend ridge
56.50	Top of ridge about 50 ft. high Course N. W.
	Descend
77.00	Cañon, about 50 ft. below ridge
80.00	Set a blue limestone 14 × 10 × 6 ins. in the ground, for Cor. to Secs. 7, 12, 13 and 18. marked. 4 notches S. and 2 notches. N. edges, and raised a mound of earth alongside.
	Land broken ridges.
	Soil mixed with limestone and gravel
	4th rate.
	Mountains on 80 Chains.

BOOK-A-180

Salt Lake Meridian.

	Chains	
4 chs,		North, bet, Secs, 7 and 12.
70° W.		Va 16° 20' E.
and	5.00	Ascend ridge.
	5.80	Top of ridge about 20 ft, high.
ft. high		Descend.
	7.30	Bottom of Cañon 150 lks
		wide, Course, E, and, W.
below ridge	10.30	Ascend.
ne 14 ×	15.00	Top of ridge about 200 ft,
und, for		above Cañon; Course, E and W.
d 18.	20.00	Descend bottom of Cañon
and 2		about 200 ft. below ridge:
d raised		Course, West.
ngside	26.00	Top of ridge, about 100 ft, high.
ges.		Descend.
stone	40.00	Set a blue limestone
		18 × 18 × 6 ins. on a lime-
		stone ledge in a mound
ains.		of stone for 1/4 Sec, Cor,

48

52

Snake Valley G.M.T. 16 S, R 17 & 18 W.

Chains	marked, 1/4 W, face, and raised a mound of earth and stone alongside.
41.00	Bottom of ravine, Course W.
50.00	Top of spur of mountain about 200 ft, above ravine
60.00	Bottom of Cañon 200 ft below ridge, 5 chains wide; Course, W
80.00	Set a gray limestone 14 19 12 × 8 ins on a limestone ledge, in a mound of stone for Cor, to secs, to, 1, 6, 7 and marked, 5 notches S and 1 notch, N, edges, and raised a mound of stone alongside.

Land mountainous.

Soil mixed with rock.

4th rate.

Mountains on 80. Chains.

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Salt Lake Meridian.

	Chains	
		North, bet. 1 and 6. Var 16° 20' E.
		Ascend.
		Top of ridge. Course, N.
		Descend abruptly.
		Bottom of Cañon, about 100 ft below ridge
		Course N. Ascend.
		Top of ridge about 150 ft. above Cañon.
		Bottom of Canon, Course, S. N.
		Set a gray limestone 16×10×8 ins. 11 ins in the ground for 1/4 Sec. Cor. Marked 1/4 on N. face and raised a mound of earth and stone alongside.
		Top of ridge, about 80 ft. above 1/4 Sec. Cor. Course, S. N.
		Descend.
		Bottom of hollow, about 100 ft below ridge.

Small valley on T 16 S. R 17 + 18 W.

Ch. Chains	Course W, Ascend.
80.55.00	Top of ridge, Course W. Descend about 200 ft below top
69.50	Bottom of Cañon Ascend.
70.50	Top of ridge, Course West.
79.90	Bottom of ravine. Course West.
87.50	Intersect 3rd standard parallel S. 300 lks E of the Cor to Tps 15, 16, Rs 17 and 18 W. re-established by myself and at point of intersection, set a blue limestone 15 + 10 + 8 ins 10 ins in the ground for closing cor, to Tps 16 & Rs 17 and 18 W, Marked C.C. 6 notches S.E. and W. edges, and raised a

Salt Lake Meridian

mound of earth and stone 2½ ft. high 5 ft. at base alongside.
Land high rolling mountains.
Soil mixed with rock and gravel.
3rd & 4th rates.
Mountains on 87.50 chains
Feb. 17th 1882.

Note.
For General Description see end of Subdivision of Tp. 16 S. R. 18 W.

Andrew J. Howard Jr.
U.S. Dep. Sur.

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, July 22nd 1882

The foregoing field notes of the survey of the

Snake Valley
Guide Meridian

Township Nos through 16, 17, 18, 19 & 20 S *Range No.* 17 and 18 West

of the Salt Lake Meridian, Utah Territory,
Executed by Andrew J. Stewart, Jr.
Under his *contract No.* 103
of the 16th *day of* June 1881,
in the month of February 1882,
having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby aproved.

Fred Salomon
U. S. Surveyor General for Utah.

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REPORT: 1883

Filed 188

Examined by John H. Campbe

Compared by Ed. Michaelis & L. W. Hickok

FIELD NOTES

OF THE SURVEY OF THE

South and West Boundaries.

OF

Township No. 16 South

Range No. 18 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart Jr.

U. S. Deputy Surveyor,

Under his Contract No. 103

Dated June 13th 1881

Survey commenced Feb 18th 188

Survey completed Feb 18th 1882

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NAMES AND DUTIES OF ASSISTANTS:

Shadrach M. Richardson ..... Compassman.
James W. Stewart ..... Chainman.
Joseph E. Thompson ..... Chainman.
Brigham J. Brown ..... Chainman.
James F. Giles ..... Chainman.
Joseph R. Giles ..... Axeman.
David E. Craft ..... Axeman.
..... Flagman.

South Bdy T. 16 S. R 18 W. S. S. Meridian.

~~Before~~ Survey commenced Feb. 18 1882

Chains	From the cor. to Tps. 16 & 17 S. R. 17 and 18 W. (established by myself) I run
	West on a true line between secs. 1 and 36.
	Va. 16° 20' E.
	Descend gently sloping bench
26.20	A rocky wash 20 lks. wide 3 ft. deep course S. W.
40.00	Set a cobble stone, 16 X 10 X 8 ins. 11 ins. in ground for ¼ sec. cor., marked ¼ on N. face, and raised a mound of stone along side.
0.00	Set a blue lime stone 14 X 10 X 6 ins 9 ins in ground for the cor. to secs. 1, 2, 35 and 36, marked 1 notch E and 5 notches W. Edges, raised a mound of Earth and Stone along side.

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South Bdy. T. 16 S. R. 18 W.

Chains.	Land gently rolling bench slope W.
	Soil, Mixed with gravel 2nd rate
	"No Timber"
	West on a true line between secs. 2 and 35
	Sa 16°20' E
	Descend gently sloping bench
50	Trail course N.W. and S.E.
46.00	Set a gray limestone 14X10X6 ins. 9 ins. in ground for 4 sec. cor., marked 4 on N. face and raised a mound of stone along side
66.75	Road from Deseret to Salt Marsh, and narrow Spring Creek Course N. 46½° W.

Salt Lake Meridian.

Chains	
	and S. 46½° E.
71.50	Wash 3 ft. deep 20 lks. wide course S. 70° W.
80.50	Deposited a quart of charcoal 12 ins. in ground for cor. to Secs. 2, 3, 34 and 35, dug pits 18X18X12 ins. in each sec. 5½ ft. dist. raised a mound 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, T. 16 S. S35 on N. E. R 18 W. S. 2 on S. E., T. 17 S. S3 on S. W. and S. 34 on N. W. faces with 2 notches E. and 4 notches W. edges.
	Land gently rolling bench soil mixed with gravel 2nd rate no timber

South Bdy T. 16 S. R. 18 W

Chains.	
	West on a true line bet Secs. 3 and 34
	Va. 16° 20' E.
	Over gently descending bench
5.00	Enter greasewoods course N and S.
40.00	Deposited a quart of gravel 12 ins. in ground for 4 sec cor. dug pits 18 x 18 x 12 ins E. and W. of cor. 5½ ft. dist. 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 4 S on N. face
75.00	Foot of sand knolls course N and S. Leave greasewoods
18.00	Top of sand knolls 25 ft high course N and S.

Salt Lake Meridian

Chains
80.00

Deposited a quart of charcoal 12 ins. in ground for cor. to secs. 3, 4, 33 and 34, dug pits 18 x 18 x 12 ins. in each sec., 5½ ft. dist. raised a mound 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 the ground marked
T. 16 S. S 34 on N.E.
R. 18 W. S. 3 on S.E.
T. 17 S. S 4 on S.W., and S 33 on N.W. faces, with 3 notches on E. and W. edges
Land gently rolling and level, soil, mixed with gravel and sandy loam 1st and 2nd rate

South Bdy
~~Exterior~~ T. 16 S. R. 18 W.

Chains		Chains
	Undergrowth greasewood on 70 chs.	
		49.0
	West, on a true line bet. Secs. 4 and 33.	80.0
	Va. 16° 30' E.	
	Over nearly level ground	
1.00	Foot of sand knolls & across flat	
37.00	Leave flat and enter sand knolls course N. and D.	
40.00	Deposited a quart of charcoal 12 ins in ground for 4 sec. cor. dug pits 18X18X12 ins. E. and W. of cor. 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.	

Chains.	
	square, 12 ins. in ground,
	marked "4 S." on N. face.
49.00	Leave cand knolls, course
	N. and S.
55.00	Deposited a quart of ch
	arcoal 12 ins. in ground
	for the cor. to Secs. 4, 5, 32 and
	33. dug pits 18 X 18 X 12 ins
	in each section 5½ ft. dist.,
	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. 16 S. S 33 on N. E.,
	R. 18 W. S. 4 on S. E.,
	T. 17 S. S. 5 on S. W. and
	S 32 on N. W. faces, with
	4 notches on E. and 2 notches

South Bdy
~~Exterior~~ T. 16 S. M. 18 W

Chains	
	on W. edgrs.
	Land nearly level
	soil, sandy 3rd rate
	No timber
	West on a true line, bet
	secs. 5 and 32.
	Va. 16° 20' E.
	Over level ground
40.00	Deposited a quart of char
	coal, 12 ins. in ground for
	¼ sec. cor., dug pits 18 x 18 x
	12 ins. E. and W. of cor., 5½
	ft. dist., raised a mound
	of earth 1½ ft high 3½ ft diam.
	at 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

Chains
80.00

Deposited a quart of charcoal 2 ins. in ground for the cor. to Secs. 5, 6, 31 & 32, dug pits 8 x 18 x 12 ins. in each Sec. 5½ ft. dist. 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. 16 S. S 32 on N.E.
R. 18 W. S. 5 on S.E.,
T. 17 S. S 6 on S.W. and
S. 31 on N.W. faces, with 5 notches on E. and 1 notch on W. edges.
Land level.
Soil mixed with

South Bay
~~Continued~~ T. 16 S. R. 18 W.

Chains		Chains
	Land rud clay 3rd rate No timber	79.00
	Meas. on a true line bet. sec. 6 and 31 N 16° 20' E. over nearly level ground	
4.00	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 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	

Salt Lake Meridian

Chains 4 Sn on N. face

79.00 (allowing for convergency) Deposited a quart of charcoal 12 ins. in ground for cor. to Tps 16 and 17 S. Rs. 18 and 19 W., dug pits 24 x 18 x 12 ins lengthwise on each line N. S. E. & W. of cor. 6 ft dist. raised a mound of earth 2 ft. high 3 ft. base over it. In S. E pit drove a stake 2 ft long 2 ins. square 12 ins in ground marked.
T. 16 S. S 31 on N. E.,
Re. 18 W. S. 6 on S. E.,
T. 17 S. S 1 on S. W. and
Re 19 W. S. 36 on N. W.
faces with 6 notches on N. S. E. and W. edges

70 West Bdy
Exterior T. 16 S. R. 18 W.

Land Level
Soil mixed with
sand and clay loam
Dust note

From the cor to Tps. 16 and 17 S. Rs. 18
and 19 W. established by me
Sun North bet. secs. 31 and 36.
var. 16°20 E. Over level grou
40.00 Deposited a quart of charcoal, 12 in.
in the ground for 1/4 sec. cor. and
dug pits 18X18X2 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. bas
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. —

Salt Lake Meridian

Chains

80.00 Deposited a quart of Charcoal 12 ins, in ground for Cor, to Sec 25, 30, 31 and 36. 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. In N.E. pit drove a stake 2 ft long 2 ins square, 12 ins, in the ground, marked T16 S.S30, on N.E. R 18 W S 31 on S.E. R. 19. W. S. 36. on S.W. S. 25. on N.W. faces with 1 notch on S and 5 notches on N, edges.

Land level.

Soil, Clay mixed with gravel.

2nd rate.

Scattering brush on 80 Chains.

November.

West Bdy.

Exteriors T16 S, R18 W.

Chains	
	North, bet, secs, 25 and 30. Va 16° 20' E. Over level ground through brush.
40.00	Deposited a quart of charcoal 12 ins, in the ground, for 1/4 sec, cor, dug pits 18×18×12 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 2 ins square 12 ins in the ground marked 1/4 S, W Cor.
80.00	Deposited a quart of charcoal

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Salt Lake Meridian.

Chains 12 ins in the ground for Cor, to secs, 19, 24, 25, and 30. dug pits 18×18×12 ins in each sec, 5½ ft dist 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 16 S 19 on N.E. R 18 W.
S 30, on S.E. R 19 W. S, 25. on S.W. and S. 24. on N.W. faces, with 2 notches on S and 4 notches on N edges
Land level.
Clay soil.
4th rate.
Scattering brush.
on 80 Chains

Exterior T. 16 S. R. 19 W.

Chains	
	North, bet. Secs 19 and 24 Va 16° 20' E.
82.40	Enter low marshy flat.
40.00	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 5½ ft dist. 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 on W. face.
55.00	Leave marshy flat and enter sand knolls.
80.00	Deposited a quart of charcoal 12 ins, in the ground for 1/4 for, to Secs. 13, 18, 19 and 24.

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Salt Lake Meridian.

Chains dug pits 18 × 18 × 12 ins
in each sec, 5½ ft dist,
raised a mound of earth
2 ft high 4½ ft base
over it. In each pit
drove a stake 2 ft.
2 ins square 12 ins in
the ground, marked, T 16
S S 18. N. E R. 18. W. S. 19.
S. E. R. 19. W. S. 24. S. W. S.
19 N. W. faces.
Land almost level.
Soil sandy and clay.
3rd and 4th rate.
Knolls and brush.
on 25 Chains.

North, bet, secs, 13 and 18. Va. 16° 20. E.
40.00 Deposited a quart of charcoal
12 ins in the ground for 1/4 sec Cor

Exteriors T16 S, R. 18 W.

Chains	dug pits 18×18×12 ins, 5½ ft dist 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 N. face.
80.00	Deposited a quart of charcoal, 12 ins, in the ground, for cor, to Secs 7-12 13 and 18. dug pits 18×18×12 ins each sec, 5½ ft. dist, raised a mound of earth 1½ ft high 3 ft base over it, in S.E. pit a stake 2 ft long 2 ins, squ 12 ins in the ground Marked. T16 S 7, N.E. R. 18. W. S. 18. S.E. R 19 W. S. 13, S.W. and S 12 N.W. face Land level Soil Clay 4th rate

Salt Lake Meridian.

Chains North, bet. secs 11 and 12.
Va 16° 20' E.

28.85 Road bears N. 60° W.

40.00 Deposited a quart of charcoal 12 ins in the ground for 1/4 Sec Cor, dug pits 18×18×12 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 2 ins square 12 ins in the ground marked, 1/4 S. on W. face.

7.00 Deposited a quart of charcoal 12 ins in the ground for Cor, to secs 1, 6, 11, and 12. dug pits 18×18×12 ins, in each sec, 5½ ft dist, raised a mound of earth 1½ ft high 3½ ft base over it. In S.E. pit drove a stake 2 ft long 2 ins

Nov 73 Bdy.

Exteriors. T. 16 S. R. 18 W.

Chains	square, 12 ins in the ground, marked T. 16. S. S. 6. N. E. R. 18. W. S. 7. S. E. R. 19 W. S. 12. on S. W and S. 1. on N W faces Land level, soil 4 Rate No timber.
	North. bet. secs. 1 and 6. Va 16° 20' E.
40.00	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. 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. W. face.

Salt Lake Meridian

Chains	
8220	Intersect 3rd Standard parallel South 282 lks E of the cor. to Tps 15, 16 S. Rs 18 and 19 W. re-established by myself, and at point of intersection deposited a quart of charcoal 12 ins in the ground for closing cor. to Tps 16 S. Rs 18 and 19 W. dug pits 24 x 18 x 12 ins. crosswise on each line S. E. and W. of corner 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. C. T. 16 S. on S. R 18 W.

80

Bdy

Exteriors T16 S. R. 18 W.

S. 6, on E. and R. 19, W.
S. 1 on W. faces with 6
notches on S. E. and W.
faces.

Land level,
Soil Clay 3rd rate
"No Timber"
Feb. 18th 1882

For General Description see Subdivisional Notes

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

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, July 22nd 1882

The foregoing field notes of the survey of the

South and West

Boundaries,

wnship No. 16 S. Range No. 18 W

of the Salt Lake Meridian, Utah Territory,

ecuted by Andrew J. Stewart Jr.

nder his contract No. 103

the 16th day of June 1881,

the month of Feb 1882,

ving been critically examined, the necessary

rrections and explanations made, the said

ld notes, and the surveys they describe are

reby aproved.

Geo. Salomon

U. S. Surveyor General for Utah.

BOOK-A-180 75-A

REPORT: 1883. 83

Filed 188

Examined by John H. Campe

Compared by Ed. Michaelis & L. W. Hickok

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

OF

Township No. 16 South

Range No. 18 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart Jr.

U. S. Deputy Surveyor,

Under his Contract No. 103

Dated June 15th 1881

Survey commenced February 20th 1882

Survey completed February 25th 1882

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Township 16 S. R. 18 W.

73	6	188	5	158	4	138	3	114	2	96	1
	185		184		157		136		113		94
72	7	181	8	155	9	134	10	111	11	91	12
	180		178		154		132		109		89
70	18	176	17	151	16	130	15	108	14	87	13
	175		173		150		128		106		85
69	19	171	20	147	21	125	22	103	23	84	24
	170		168		146		123		103		82
67	30	166	29	143	28	121	27	101	26	81	25
	165		163		142		119		100		79
65	31	161	32	140	33	117	34	98	35	77	36
	63		61		59		57		55		54

84 NAMES AND DUTIES OF ASSISTANTS:

Shadrach M. Richardson ..... Compassman.

James W. Stewart ..... Chainman.

Joseph F. Thompson ..... Chainman.

Brigham J. Brown ..... Chainman.

James G. Ogles ..... Chainman.

Joseph R. Ogles ..... Axeman.

David C. Croft ..... Axeman.

..... Flagman.

Subdivisions T. 16 S. R. 18 W.

On the night of February 18th 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 February 20th 1882. with a Vernier compass, manufactured by W. and L. E. Gurley; examined and approved by the Surveyor General of Utah.

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

I begin at the cor. to

77

Subdivisions T. 16 S., R. 18 W.

Chains

Tps. 16 and 17 S. Rs 17 and 18 W., and ran West on the S. boundary of Sec. 36, and at 39.96 chs. found ¼ Sec. cor. and at 79.98 chs. found the sec. cor.

My compass will therefore run the same line, as the exterior boundaries, and the chaining practically agrees.

I commence at the cor. to Secs. 1, 2, 35 and 36, on the South boundary; established by my self.

Thence I run North, bet, secs. 35 and 36

Va. 16° 20' E.

Salt Lake Meridian

Chains.	
	Over bench, slopes gently to S. W., ascend
17.50	Wash 75 lks. wide 2 ft. deep course S. W.
32.50	Wash 150 lks. wide 3 ft. deep course S. W.
40.00	Deposited a marked stone 12 ins. in ground for ¼ Sec. Cor., dug pits 18×18×12 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 12 ins. long 2 ins square, 12 ins. in ground, marked ¼ S on W. face.
73.00	Wash 3 ft. deep 150 lks. wide course S. W.
80.00	Set a cobble stone 14×10×4 ins. 9 ins. in ground for the cor.

Subdivisions T. 16 S. R. 18 W.

cor. to secs. 25, 26, 35 and 36, marked 1 notch S. and E. edges, and raised a mound of earth and stone 2 ft high 4½ ft. base along side.

Land gently sloping bench. Soil mixed with gravel 2nd and 3rd rate.

No timber.

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

Va. 16°20' E.

Ascend gently sloping bench.

40.00 Set a temporary ¼ sec. cor.

79.90 Intersect E. boundary of township 28 lks. N. of the cor. to secs. 25, 30, 31 and 36, estab-

Salt Lake Meridian

Chains	lished by my self.
	Thence I run
	N. 89°48' W. on a true line
	bet. Secs. 25 and 36 with same Va.
39.95	Deposited a marked stone
	12 ins in ground for 1/4 sec.
	Cor. dug pits 18X18X12 ins. E.
	and W. of cor. 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 ground, marked 1/4 S on N.
	face
79.90	The cor. to Secs. 25, 26, 35 & 36
	Land gutty rolling and sloping
	bench
	Soil mixed with gravel 2nd
	and 3rd rate
	No timber

Subdivisions T. 16 S., R. 18 W.

Chains	
	North bet. secs. 25 and 26. Va. 16° 20' E.
	Ascend, gently sloping bench
35.00	To abrupt descent from bench
40.00	Set a cobble stone 14X12X4 ins. 9 ins. in ground for ¼ Sec. Cor. Marked ¼ on W. face, and raised a mound of earth and stone 1½ ft. high 3½ ft. base along-side. descend
50.00	Foot of bench, about 90 ft. below top course N. E. and S. W.
58.00	Trail course N. 30° W. & S. 30° E.
69.00	Wash 4 ft. deep 20 lks. wide course S. W.
76.00	Wash 4 ft. deep 20 lks. wide course S. W.
80.00	Set a lime stone 16X10X8 ins. 11 ins. in ground for the Cor. to

Salt Lake Meridian.

Chains. 23, 24, 25 and 26, marked 2 notches S. and 1 notch E. edge, raised a mound of earth and stone 2 ft. high 4½ ft. base along side.

Land, gently rolling and sloping bench.

Soil mixed with gravel and loam 1st and 2nd rate.

No timber

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

Va. 16°20' E.

Ascend gently sloping bench

40.00 Set a temporary ¼ sec cor.

57.00 To foot of mountain course S. E and N. W. ascend

80.20 Intersect East boundary

Subdivisions T. 16 S., R. 18 W.

Chains.	
	of Tp. 70 lks. N. of the cor. to Secs. 19, 24, 25 and 30 (established by myself. Thence Irun N. 89° 30' W. on a true line bet. Secs. 24 and 25 with same Va.
40.10	Set a gray lime stone 16X10X8 ins. 11 ins. in ground for ¼ sec. cor., marked ¼ on N. face and dug pits 18X18X12 ins E. and W. of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base along side.
80.20	The cor. to secs. 2, 3, 24, 25 and 26.
	Land bench and mountain soil mixed with rock and gravil 2nd and 4th rate mountain on 23.20 Chs.

Salt Lake Meridian.

Chains.	North bet. secs 23 and 24 Va 16° 20' E
	Ascend rolling bench
11.25	Wash 4 ft. deep 20 lks. wide course S.W.
17.50	Wash 4 ft. deep 80 lks. wide course S.W.
31.00	Wash 4 ft. deep 60 lks wide course S.W.
36.90	Trail course S. 80° W. and N. 80° E.
40.00	Set a gray lime stone 16 X 10 X 8 ins. 11 ins. in ground for ¼ sec cor. marked ¼ on W. face, and raised a mound of earth and stone 1½ ft. high 3½ ft. base along side
43.00	Wash 6 ft. deep 80 lks. wide course S.W.
49.00	Wash 2 ft. deep 50 lks. wide course S.W.
67.50	Foot of Mountain course N.W. & S.E.
	Ascend
70.45	Wash 2 ft. deep 35 lks. wide course S.W.
79.00	Wash 2 ft. deep 25 lks. wide course S.W.
80.00	Set a blue lime stone 16 X 8 X 6 ins.

Subdivisions T. 16 S. R. 18 W.

11 ins. in ground for cor to Secs. 13, 14, 23 and 24, marked 3 notches S. and 1 notch E. edges, and raised a mound of earth and stone along side.

Land rolling bench and mountain.

Soil mixed with rock and gravel 2nd and 3rd rate

Mountains on 12,50 chs.

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

Va 16° 20' E

Over rolling mountains.

8.00 To bottom of hollow about 30 ft. below cor. Ascend

14.00 Top of rocky ridge about 30

Salt Lake Meridian

Chains.	
	ft. above hollow. course S.W.
16.00	Wash 2 ft. deep 30 lks. wide in bottom of hollow course S. 60° W.
40.00	Top of ridge about 100 ft. above hollow course S.W. Set a temporary ¼ sec. cor.
53.00	Wash in hollow course S. 70° W.
57.00	Top of ridge about 70 ft. above wash course S.W.
70.00	Bottom of canon about 80 ft. below ridge course S. 70° W.
80.60	Intersect, the east boundary of township. 70 lks. N. of the cor. to secs. 13, 18, 19 and 24, established by my self. Thence I run N. 89° 30' W. on a true line, bet. secs 13 and 24 with same Va.
40.30	Set a gray lime stone 24 x 8 x 6 ins 18 ins. in ground for ¼.

Subdivisions T. 16 S. R. 18 W.

Chains.		Ch.
	Sec. Cor. marked ¼ on N. face and raised a mound of stone along side	23.
80.60	The cor. to Secs. 13, 14, 23 and 24	31.
	Land rolling Mountains. Soil mixed with rock and gravel 2nd and 4th rate.	34.
	Mountains on 80.60 chs.	35.
		40.
	North bet. Secs. 13 and 14 Va 16° 20' E.	
	Over gently rolling Mountains	
70	Lime stone ledge 10 ft high	46.
3.50	Leave ledge	
9.00	Bottom of hollow about 40 ft. below ridge course W.	48.
16.50	Top of ridge about 50 ft above hollow course N. W. and S. E.	49.
		50.
18.00	Enter hard pan flat.	57.

Salt Lake Meridian

Chains.	course N. W. and S. E.
23.50	Leave flat or hard pan basin of about 3 acres
31.00	Hollow 6 ft deep 20 lks. wide course S. W.
34.00	Top of ridge about 20 ft above hollow course S. W.
35.00	Wash 3 ft deep course S. W
40.00	Set a quartzite stone 20X16 X 5 ins 15 ins in ground for ¼ sec. cor. marked ¼ on W. face and raised a mound of stone along side
46.00	Hollow 50 lks. wide 15 ft. deep course S. W.
48.00	Hollow 20 ft deep 75 lks. wide course S. W.
49.00	Ascend abruptly
50.60	Top of abrupt ascent,
57.50	Hollow 18 ft. deep 80 lks.

Subdivisions T. 16 S., R. 18 W.

Chains.	
	wide course S. W.
80.00	Set a gray lime Stone 22 x 16 x 6 ins. 16½ ins. in ground for the cor. to Secs. 11, 12, 13 & 14 marked 4 notches S. and 1 notch E. edges, and raised a mound of earth and Stone along-side.
	Land rolling Mountain Soil, mixed with rock and gravel 2nd and 3rd rate Mountains on 80 chs.
	East on a random line, bet. Secs. 12 and 13.
	Va 16° 20' E.
	Ascend Mountains
6.50	Top of ridge about 30 ft. above cor. course S. 80° W.

Salt Lake Meridian

Chains.	
12.00	Wash 10 ft. deep 20 lks. wide course S. 80° W.
35.75	Top of ridge about 125 ft above hollow course S. 80° W.
40.00	Set a temporary ¼ sec. cor. in a hollow about 30 ft. below ridge
42.50	Top of ridge about 70 ft. above hollow course S.W.
46.00	Bottom of hollow about 3 ft. below ridge course S.W.
55.00	Top of ridge about 80 ft. above hollow course S.W. & N. E.
60.00	Bottom of hollow about 40 ft. below ridge course N. E. and S.W.
72.00	Top of ridge about 125 ft. above hollow course N.E. & S.W.
80.80	Intersect the East, boun=

dary of the Township 56 lks. N. of the cor. to Secs. 7, 12, 13 and 18. Established by my self; Thence from N. 89°36' W. on a true line, bet. Secs 12 and 13 with same Va.

40.40 Set a gray lime stone 14X8X 6 ins. 9 ins. in ground for ¼ sec. cor., marked ¼ on N. face, and raised a mound of stone along side.

80.80. Corner to secs 11, 12, 13 and 14. Land high rolling mountains.

Soil rocky 4th rate Mountains on 80.80 chs.

North, bet Secs. 11 and 12. Va. 16°20' E.

Salt Lake Meridian

Chains	
	Over rolling mountains.
8.50	Wash 2 ft. deep 20 lks. wide course S.W.
12.00	Wash 3 ft. deep 20 lks wide course S.W.
13.50	Foot of bench. Ascend
14.50	Top of bench about 18 ft. above foot, course S.W. and N.E
37.00	Wash, in hollow, 4 ft deep 60 lks. wide course S.W
40.00	Set a blue lime stone 18X12 X6 ins. 12 ins. in ground for ¼ sec. cor., marked ¼ on W. face. and raised a mound of earth and stone alongside
40.75	Bottom of hollow 12 ft. deep and 200 lks. wide course S.W
55.20	Wash 10 ft deep 100 lks. wide course S.W., and ascend lime stone ridge
60.75	Top of lime-stone ridge about

Subdivisions T. 16 S. R. 18 W.

Chains.	
	about 100 ft. above wash course S.W., descend
64.30	Foot of ridge; a wash 33 ft. wide 6 ft. deep course S.W. and ascend.
75.00	Top of ridge about 50 ft above hollow course S.W.
80.00	Set a blue lime stone 18X10X8 ins. 12 ins. in ground for the cor. to secs. 1, 2, 11 and 12 marked 1 notch E. and 5 notches S. edges, raised a mound of earth and stone 2 ft high 4½ ft. base along side.
	Land rolling mountain slopes W.
	Soil Mixed with rock and gravel 3rd and 4th rate
	Mountains on 80. chs.

Salt Lake Meridian.

Chains.	
	East, on a random line bet. Secs. 1 and 12
	Va 16° 20' E.
	Ascend gently rolling Mountain
1.00	Wash 4 ft. deep 15 lks wide course N. 87° W.
3.50	Lime stone ledge about 6 ft high course N. and S.
23.00	Top of cone shaped Mountain about 300 ft. above last sec. cor. course N and S. descend
27.00	Bottom of hollow about 250 ft below. Top of Mountain course S.W. 15.00 chs wide
33.00	Wash in above hollow 3 ft deep 20 lks wide course S.W.
35.00	Top of spur of ridge about 40 ft above wash course N.W.
39.00	Bottom of hollow about 40 ft ridge course N.W.

Subdivisions T. 16 S., R. 18 W.

Chains	
40.00	Set a temporary ¼ Sec. cor. Ascend rolling Mountain.
80.72	Intersect the East boundary of the Township 42 lks. N. of the cor. to Secs. 1, 6, 7 and 12 established by myself. Thence I run N. 89° 42' W. on a true line bet. Secs. 1 and 12 with same Va.
40.36	Set a blue limestone 28 X 13 X 5 ins. 21 ins. in ground for ¼ Sec. cor., marked ¼ on N. face and raised a mound of stone along side
80.72	The cor. to Secs. 1, 2, 11 and 12. Land high rolling Mountain soil, Mixed with rock and gravel 3rd and 4th rate Mountains on 80.72 chs

Cha

.5

13.0

20.0

31.0

40.0

78.0

80.2

81.0

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Salt Lake Meridian.

Chains.	
	North, on a true line bet. sec. 1 and 2.
	Va. 16° 20' E.
	Over rolling mountains
.50	Wash 5 ft. deep 20 lks. wide course N. 80° W.
13.00	Wash 6 ft. deep 100 lks. wide course S. W.
20.00	Top of Knoll about 80 ft. above wash, descend.
31.00	Wash 5 ft. deep 20 lks. wide course W.
40.00	Set a blue lime stone 18X10X8 ins. 12 ins. in ground for ¼ sec. cor., marked ¼ on W. face, and raised a Mound of stone along side
78.00	Trail course N. E and S. W.
80.20	Descent into hollow course S. 70° W.
81.00	Foot of abrupt descent 20 ft

Subdivisions T. 16 S. R. 18 W.

Chains.	below top
88.00	Wash 6 ft. deep 20 lks. wide course S. E.
85.00	N. side of hollow, and ascend ridge
87.00	Intersect the 3rd standard parallel S. 2.58 lks. E. of the cor. to secs 35 and 36 re-established by my self; and at point of intersection set a blue lime stone 36 X 15 X 12 ins. 24 ins in ground for closing corner to secs. 1 and 2 marked C.C. on S. 1 notch E. and 5 notches W. edges and raised a mound of stone along side
	Land rolling mountain soil mixed with rock and

Salt Lake Meridian

Chains	
	gravel 3rd and 4th rate mountains on 87. chains February 20th 1882.
	From the cor. to secs. 2, 3, 34, and 35, on the south boundary of the township, established by my self. I run North, bet. secs. 34 and 35. Va. 16° 20' E.
	Ascend, gently sloping bench
2. 5.00	Wash 2 ft. deep 20 lks. wide course W.
10.05	Wash 2 ft. deep 50 lks. wide course W.
11.05	Road from Deseret to Salt marsh and warm creek, course N. W. and S. E.

Subdivisions T. 16 S., R. 18 W.

Chains.	
40.00	Deposited a quart of charcoal, 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 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
45.00	Trail course N.W. and S.E.
76.00	Head of hollow, course N.W.
80.00	Set a blue lime stone, 14X8X5 ins. 9 ins. in ground, for the cor. to Secs. 26, 27, 34 and 35, marked 1 notch S. and 2 notches E. edges, dug pits 18X18X12 ins. in each Sec.

Salt Lake Meridian.

Chains.	
	5½ ft. dist., raised a mound of earth 2 ft. high 4½ ft base alongside
	Land level and rolling bench soil, mixed with gravel 2nd rate
	No timber
	East, on a random line bet. Secs. 26 and 35. Va. 16° 20' E.
	Ascend, gently rolling bench
40.00	Set a temporary ¼ Sec cor.
75.75	Wash 3 ft. deep 20 lks. wide course S.W
79.76	Intersect N. and S. line at the cor. to Secs. 25, 26, 35 and 3 Thence South West, on a true line bet. Secs.

Subdivisions T. 16 S. R. 18 W.

Chains.	
	26 and 35, with same Va
39.88	Set a gray lime stone 14 X 6 X 6 ins. 9 ins. in ground for 1/4 Sec. Cor., marked 1/4 on N. face and raised a mound of earth and stone along side
79.76	The cor. to Secs. 26, 27, 34 & 35
	Land gently rolling and sloping toward W.
	Soil mixed with gravel
	2nd " rate
	"No timber"
	North, bet. Secs. 26 and 27. Va 16° 20' E.
	Descend
4.60	Foot of bench, course E & W.
10.00	Enter greasewood course E & W.

Chains	
38.03	Trail course E and W.
40.00	Set a white lime stone 14X8X6 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 4½ ft. base alongside.
77.50	a trail course N. 60° W and S. 60° E.
80.00	Set a gray lime stone 14X10X8 ins. 9 ins. in ground for 1/4 ~~Sec.~~ Cor. to Secs. 22, 23, 26 and 27. marked 2 notches on the S. and E. edges, dug pits 18X18X12 ins. in each section 5½ ft. dist. and raised a mound of earth

Subdivisions T. 16 S. R. 18 W.

Chains.		Chains
	2 ft. high 4½ ft. base along side	
	Land nearly level soil loam, and mixed with sand clay and gravel 1st & 2nd rate.	39.75
	Undergrowth greasewood on 70. chains.	
	East, on a random line, bet. Secs. 23 and 26. N. 16° 20' E.	
	Over level ground	79.50
3.50	Road course N.W. & S.E.	
10.00	Leave greasewood course E. and W. at ft of bench ascend	
40.00	Set a temporary ¼ sec. cor.	
79.50	Intersect N. and S. line 26 lks. N. of the cor. to secs	

Salt Lake Meridian

Chains. 23, 24 25 and 26, Thence
from
N. 89° 49' W. on a true line
bet. secs. 23 and 26 with same
Va.

39.75 Set a blue lime stone 14X8X6
ins. 9 ins. in ground for ¼ sec.
cor., marked ¼ on the 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 along=
side

79.50 The cor. to secs. 22, 23, 26
and 27.
Land level and ascend=
=ing to E
Soil, loam and mixed with
gravel 1st and 2nd rate
Undergrowth greasewood on 10 ch.

Subdivisions T. 16 S. R. 18 W.

Chains.	
	North, bet. Secs. 22 and 23
	Va. 16°20' E.
	Lave brush, over nearly
	level ground.
16.00	Road from Deseret to Salt
	Marsh and Warm Cr. bears S.E. & N.W.
40.00	Set a lime stone 14X8X6 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 3½ ft. dist., and
	raised a mound of earth 1½
	ft. high 3½ ft. base along side
60.00	Wash 2 ft deep 20 lks. wide
	course W.
80.00	Set a gray lime stone 15X8
	X6 ins. 16 ins. in ground for
	cor. to Secs. 14, 15, 22 and 23
	marked 3 notches S. and 2

Chai

17.7

22.5

27.5

40.0

Chains. notches E. edges, and raised a mound of earth and stone along side.
Land nearly level
Soil, mixed with sand and gravel
2nd rate.
" No Timber"

East, on a random line, bet Secs. 14 and 23.
Va. 16° 20' E.
Ascend gently sloping bench
17.75 Wash 30 lks. wide 3 ft. deep drains S. 80° E.
22.50 Wash 20 lks. wide 3 ft. deep, Course S. 80° W.
27.50 Wash 40 lks. wide 3 ft. deep course S. 75° W.
40.00 Set a gray lime stone for

Subdivisions T. 16 S. R. 18 W.

Chains		Chain
	temporary ¼ sec cor	
43.00	Wash 5 ft. deep 75 lks. wide course S. 60° W.	
70.00	Foot of Mountain ascend course N. W. and S. E.	
79.50	Top of ridge about 100 ft. above foot. course N. & S.	
80.50	Intersect N. and S. line 70 lks. S. of the cor. to secs. 13, 14, 23, and 24, Thence from S. 89° 30' W. on a true line bet. secs. 14 and 23. with same Va.	32.0
40.25	Set gray lime stone 14 x 7 x 6 ins. 7 ins. in ground for ¼ sec. cor. marked ¼ on N. face and raised a mound of stone along side	40.0
80.50	The cor. to secs. 14, 15, 22 and 23. Land rolling, bench and Mountain	5.00

Salt Lake Meridian

Chains.	
	soil mixed with rock and gravel 3rd and 4th rate Mountains on 10 chs.
	North, bet. Secs. 14 and 15 Va. 16°20' E.
	Ascend gently rolling bench
32.00	Wash 5 ft. deep 50 lks. wide course W.
40.00	Set a gray lime stone 14X8X6 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, raised a mound of earth 1½ ft high 3½ ft base along side
50.00	Wash 4 ft. deep 50 lks. wide course W.

Subdivisions. T. 16 S., R. 18 W.

Chains.	
74.17	Wash, 8 ft. deep 75 lks. wide, course W
80.00	Set a blue lime stone 16X10X6 ins. 11 ins. in ground for the cor. to Secs. 10, 11, 14 and 15, Marked 4 notches S. and 2 notches E. edges. dug pits 18X18X12 ins. in each sec. 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base along side.
	Land slopes gently to S.
	Soil, mixed with gravel 2nd rate
	No timber
	East, on a random line, bet. Secs. 11 and 14
	Va 16° 20' E.

Salt Lake Meridian.

Chains	
	ascend gently sloping bench.
35.00	Foot of mountain course N and S. ascend
40.00	Set a temporary ¼ sec. cor.
45.00	Ascent more abrupt.
68.50	Wash 3 ft. deep 30 lks. wide S. 80° W. and N. point of ridge
80.64	To point about 300 ft above last sec. cor. and Intersect N. and S. line 64 lks. N. of the cor. to Secs. 11, 12, 13 & 14 Thence I run N. 89° 32' W. on a true line, bet. Secs. 11 and 14 with same Va.
40.32	Deposited a marked stone 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 a mound of earth 1½ ft. high 4½ ft. base over it

Subdivisions T. 16 S., R. 18 W.

Chains.		Cha
	In E. pit, drove a stake 2 ft. long 2 ins. square 12 ins. in ground, marked 1/4 S on N. face.	
80.64	The cor. to secs. 10, 11, 14 and 15	
	Land gently rolling bench and mountain	64.0
	soil, mixed with rock and gravel	
	3rd and 4th rate	80.0
	mountainous on 45 chs.	
	North, bet. secs. 10 and 11.	
	Va 16°20' E.	
	Ascend gently sloping bench	
1.00	Wash 8 ft. deep 100 lks. wide course W.	
39.70	Wash 4 ft. deep 75 lks. wide course W.	
40.00	Set a gray lime stone 24 x 8 x 6	

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Chains	18 ins. in ground for 4 sec. cor. marked 4 on W. face, dug pits, 18X18X12 ins. N. and S. of stone 5½ ft. dist., raised a mound of earth 1½ ft. high 3½ ft. base along side.
64.00	Wash 6 ft. deep 200 lks. wide course W.
80.00	Set a blue lime stone 15X10X8 ins. 10 ins. in ground for the cor. to secs. 2, 3, 10 and 11, marked 5 notches S. and 2 notches E. edges. dug pits 18X18X12 ins in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base along side. Land gently rolling: bench soil mixed with gravel 3rd rate "No timber"

Subdivisions T. 16 S. R. 18 W.

Chains.		Ch
	East, on a random line, bet. Secs. 2 and 11.	
	Va 16°20' E.	
	Ascend gently sloping bench	80.
9.85	Trail course N. E. and S. W	
15.20	Wash 9 ft. deep 25 lks. wide course S. W.	
20.80	Hollow 210 lks. wide and about 16 ft. deep course S. W.	
35.00	Foot of mountain course N. and S. ascend.	
40.00	Set a temporary ¼ Sec. cor.	
80.20	Intersect N. and S. line 70 lks. N. of the cor. to Sec. 1, 2, 11 and 12. Thence I run N. 89° 30' W. on a true line bet. Secs. 2 and 11. with same Va.	4.
40.10	Set a blue lime stone 20 x 10 x 8 ins. 15 ins. in ground for ¼ Sec cor. Marked 40 on	12. 27.

Salt Lake Meridian.

Chains.	
	N. face, and raised a mound of earth and stone along side.
80.20	The cor. to Secs. 2, 3, 10 and 11
	Land gently rolling bench and Mountain. ~~Soil~~ Soil Mixed with rock and gravel. 2nd and 3rd rate. Mountain on 45. Cls.
	North, on a true line bet. Secs. 2 and 3.
	Va. 16°20' E.
	Ascend gently sloping bench
4.00	Wash 4 ft. deep 60 lks. wide course S. 60° W.
12.25	Trail N.E. and S.W.
27.50	Wash 4 ft. deep 60 lks. wide course S.W.

Subdivisions T. 16 S. R. 18 W.

Chains.		Chains
32.50	Wash 5 ft. deep 70 lks. wide, course S. W.	
40.00	Set a blue lime Stone 15 X 11 X 7 ins. 10 ins. in ground for ¼ Sec. Cor., Marked ¼ on W. face. and raised a mound of earth and stone along side.	
57.00	Wash 12 ft. deep 100 lks. wide course S. W.	
86.00	Intersect 3rd Standard parallel S. 262 lks. E. of the cor. to Secs. 34 and 35 re-established by my self. And at point of intersection set a blue lime Stone 18 X 12 X 6 ins. 12 ins. in ground for closing cor. to Secs. 2 and 3. Marked C C on S. with	

Salt Lake Meridian.

Chains. 2 notches E. and 4 notches on W. edges, dug pits, 18X18X 12 ins., S. E. & W. of cor. 5½ ft. dist., and raised a mound of Earth 2 ft. high 4½ ft. base ~~along side~~

Land gently rolling bench soil, mixed with gravel 2nd rate

"No Timber"

~~Nov~~ February 21st 1882.

On the night of 21st February 1882. I took an observation on the star Polar is inaccordance with instructions contained in the manual of Surveys, and drove

Chains	
	pickets on the line thus estab= lished.
	Before commencing this line I test my compass on the line established last night and find it correct
	From the cor. to secs 3, 4, 33 and 34 on the S. boundary of the township Established by my self. under present contract.
	I run
	North bet sect. 33 and 34. Va. 16° 20' E.
	Over sand knolls, through brush.
9.00	To E-side of knolls course N. 16½ W. and S. 16½° E.
40.00	Deposited a quart of char= coal 12 ins. in ground for

Chains

80.0

Salt Lake Meridian.

6 chains. 1/4 Sec. Cor., dug pits 18X18X12 ins. N. and S. of cor. 5½ ft. dist. 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

80.00 Deposited a quart of charcoal 12 ins. in ground for cor. to Secs. 21, 28, 33, and 34, dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. raised a mound of earth 2 ft. high 4½ ft at base over it. In S. E pit drove a stake 2 ft. long 2 ins. square 12 ins. in ground marked

T. 16 S. S. 27 on N. E.;

Chains

R. 18 W. S. 34., on S. E.,
S. 33 on S. W. and
S. 28 on N. W faces, with
1 notch S. and 3 notches E.
edges.

Land rolling and knolly
soil mixed with sand
and clay 2nd and 3rd
rate

Undergrowth greasewoods on
80 chs.

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

Va 16° 30' E.

~~5.00~~ Over nearly level land
through brush

5.00 Foot of sand ridge, A sand

6.75 Top of sand ridge, about

Chains

7.70

40.00

37.80

70.75

80.76

40.3

Salt Lake Meridian

Chains.	
	8 ft. high course E. and W.
7.70	Foot of sand ridge, course E. and W.
40.00	Set a temporary ¼ Sec. Cor.
50.50	Road from Deseret to Salt Marsh and Warm Cr. course N. and S. Sagebrush
70.75	Foot of bench ascend course N. and S.
80.76	Intersect N. and S. line 25 lks. S. of the cor. to Secs. 26, 27, 34 and 35. Thence from N. 89°49' W. on a true line, bet. Secs. 27 and 34. with same Va
40.38	Deposited a quart of charcoal 12 ins. in ground for ¼ Sec. Cor., dug pits 18x18x12 ins. E. and W. of cor. 5½ ft. dist. raised a mound of earth 1½ ft. high 3½ ft. base over

Subdivisions T. 16 S., R. 18 W.

Chains	
	it. In E. pit, drove stake 2 ft. long 2 ins. square 12 ins. in ground Marked ¼ S on N. face.
80.76	The cor. to Secs. 27, 28, 33 + 34. Land level and rolling soil 2nd and 3rd rate. Undergrowth greasewoods on 5.80 Chs.
	North, bet. Secs. 27 and 28 Va 16° 20' E.
	Over nearly level land through brush
37.00	Foot of sand ridge course N. 18° W. and S. 18° E. ascend
40.00	Deposited a quart of charcoal 12 ins. in ground for ¼ Sec. cor., dug pits 18 X 18 X 12

Salt Lake Meridian

Chains.	
	ins. N. and S. of cor. 5½ ft. dist. 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 on W. face.
47.30	Top of sand ridge about 25 ft. high course N. 18° W. and S. 18° E.
64.00	Foot of sand ridge course N. 18° W. and S. 18° E.
80.00	Deposited a quart of charcoal 12 ins. in ground for cor. to Secs. 21. 22. 27 & 28. dug pits 18X18X12 ins. in each sec. 5½ ft. dist. raised a mound of earth 2 ft. high 4½ ft. base over it. In S. E. pit drove a

Subdivisions T. 16 S. R. 18 W.

Stake 2 ft. long 2 ins. square 12 ins. in ground marked T. 16 S. S. 22 on N. E. R 18 W. S. 27 on S. E., S. 28 on S. W. and S. 21 on N. W. faces with 2 notches S. and 3 notches E. edges.

Sand level and rolling soil clay and sand 2nd rate undergrowth greasewood in 80 chs.

East, on a random line, bet. Secs. 22 and 27
Va 16° 20' E.
Over level ground through brush

Chains
40.00
41.75
79.80
39.90

Salt Lake Meridian.

Chains	
40.00.	Set a temporary ¼ Sec.
41.75	Road from Deseret to the Salt marsh and warm Sp. course. N and S.
79.80	Intersect N. and S. line at 36 lks. S. of the cor. to sec. 22 23, 26 and 27. Thence from S. 89°44' W. on a true line bet. sec. 22 and 27. with same Va.
39.90	Deposited a quart of charcoal 12 ins. in ground for ¼ sec. cor., dug pits 18X18X12 ins. E. and W. of cor. 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 ground marked ¼S on N. face.

Chains	
79.80	The cor. to secs. 21, 22, 27 & 28
	Land nearly level.
	Soil mixed with gravel
	and clay 2nd rate.
	Undergrowth greasewood on
	79.80 chs.
	North bet. secs. 21 and 22.
	Va. 16° 20' E.
	Over nearly level land
	through brush
13.50	Leave greasewood, and enter
	meadow course N. 40° E
	and S. 16° W.
20.50	Spring branch 50 lks wide 2 ft.
	deep runs S. W. heads at Spring
	N. 40° E about 30 chs. dist.
37.50	Spring branch 2 ft. deep. 20

Chain	
39.0	
40.0	
61.0	
63.0	
64.0	
80.0	

Salt Lake Meridian

Chains	
	28 lks. wide, runs W. heads E. about 18 chs. dist. at large spring of good water called Cane Spring
39.00	Leave meadow, and enter greasewoods course E. and W
40.00	deposited a quart of charcoal 12 ins. in ground for ¼ Sec. Cor., dug pits 18x18x17 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 marked ¼ S on W. face
61.00	Foot of knoll, ascend
63.00	Top of knoll about 10 ft. high
64.50	Foot of knoll
80.00	Deposited a quart of char-

Subdivisions T. 16 S., R. 18 W.

Chains.		Chains.
	coal 12 ins. in ground for cor. to secs. 15. 16. 21 and 22. 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. 16 S. S. 15, on N. E., R. 18 W. S. 22, on S. E. S. 21 on S. W. and S. 16 on N. W. faces, with 3 notches on E. and S. edges Land nearly level Soil loam 1st rate Undergrowth greasewood on 53.50 Chs.	10.1 27. 40.0 43.00 79.8 39.9

Salt Lake Meridian.

Chains.	
	East, on a random line bet. Secs 15 and 22. Va 16°20' E Over nearly level land through brush
10.15	Road from Deseret to Warm creek course N.W. and S.E.
27.70	Road from Deseret to Salt Marsh course N. 20' W and S. 20° E.
40.00	Set a temporary 1/4 Sec. Cor.
4.300	Leave brush course E. & W.
19.84	Intersect N. and S. line 10 lks. S. of the cor. to Secs. 14, 15 22 and 23. Thence Trav. S. 89°56' W. on a true line bet. Secs. 15 and 22 with same Va
39.92	Deposited a quart of charcoal, 12 ins. in ground for the 1/4 Secs. Cor., dug

Chains	
	pits 18X18X12 ins E. and W. of cor. 5 1/2 ft. dist. & raised a mound of earth 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 "Bor N. face
79.84	The cor. to Secs. 15, 16, 21 and 22.
	Land nearly level,
	Soil loam & mixed with gravel 1st and 2nd rate
	" Undergrowth greasewood on 43.00 chs

Chains

17.95

20.00

31.00

40.00

Salt Lake Meridian.

Chains	
	North, bet. secs. 15 and 16.
	Va. 16° 20' E.
	Over nearly level land,
	through brush course E & W.
17.95	Road from Deseret to Warm
	Creek bears N. 50° W. and S.
	50° E.
20.00	To point from which Jos.
	Smith's house bears N. 8 7° W.
31.00	wood road course N. 15° E.
	and S. 15° W.
40.00	Deposited a quart of char
	coal 12 ins. in ground for ¼ Sec.
	Cor. dug pits 18 X 18 X 12 ins.
	N. and S. of cor. 5½ ft. diet.
	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

Subdivisions T. 16 S., R. 18 W.

Chains.	
	marked 1/4 S. on W. face
5-4.00	Wash 100 lks. wide 1 ft. deep course S. W.
5-9.25	Road from Deseret to Salt Marsh course N. 20° E. and S. 20° W.
5-9.25	Leave greasewoods and ascend bench slopes N. course N. W. and S. E.
8.00	Deposited a quart of charcoal 12 ins. in ground for cor. to Secs. 9, 10, 15 and 16. 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. 16 S. 10 on N. E.

Salt Lake Meridian.

Chains. Re. 18 W. S. 15 on S. E.
S. 16 on S. W. and
S. 9 on N. W. faces. with
4 notches S. and 3 notches E.
edges.
Land level and Ascending
to N.
Soil, loam and Mixed
with gravel 1st and 2nd rate
Underbrowth greasewoods on
59.25 chs.

East, on a random line, bet.
Secs. 10 and 15.
Va. 16° 20' E.

.90 Wagon road leading from
cane springs to canon creek
N. 80° E. and S. 80° W.

23.90 Wash 50 lks. wide 3½ ft. deep

Subdivisions T. 16 S. R. 18 W.

Chains.	
	course S. 75° W.
40.00	Set a temporary 1/4 Sec. Cor.
47.90	Wash 60 lks. wide 4 ft. deep
	course S. 80° W.
76.90	Wash 60 lks. wide 3½ ft. deep
	course S. 75° W.
79.40	Intersect N. and S. line, 26 lks.
	S. of the Cor. to Secs. 10, 11, 14 & 15.
	Thence I run
	S. 89° 49' W. on a true line, bet.
	Secs. 10 and 15 with same Va.
39.70	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 cor.
	5½ ft. dist. and raised a
	mound of earth 1½ ft. high
	3½ ft. at base over it.
	In E. pit drove a stake 2 ft.
	long 2 ins. Square 12 ins in

Salt Lake Meridian.

Chains. ground, marked ¼ S. on N. face.

79.40 The cor. to Secs. 9, 10, 15 and 16.
Land, bench descends gently to W.
Soil mixed with gravel 2nd and 3rd rate.
"No timber"

North, bet. Secs. 9 and 10.
Va. 16° 20' E.
Over gently ascending bench
2.50 Road from Deseret to Salt marsh course N. 34° W. and S 34° E.
24.00 Wash 2 ft. deep 30 lks. wide course N. 20° E.
40.00 Deposited a quart of charcoal 12 ins. in ground for

Subdivisions T. 16 S., R. 18 W.

6 chains	1/4 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 drov a stake 2 ft. long 2 ins. squa 12 ins. in ground, marked ¼ S on W. face.
62.48	Wash 3 ft. deep 50 lks. wide course N. 45° E. and S. 45° W.
73.00	Top of ridge about 4 ft. above level course N. E. and S. W. 2 chs. crop.
80.00	Deposited a quart of charcoal 12 ins. in ground for cor. to Secs. 3, 4, 9 and 10, dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. raised a mound of earth 2 ft. high 4½ ft. base over it. In S. E. pit

6 chains

23.0

Salt Lake Meridian.

8 chains	drove a stake 2 ft. long 2 ins. square 12 ins in ground, marked T. 16 S. S. 3 # on N. E., R. 18 W. S 10 on S. E., S. 9 S. W. and S 4 N. W. faces, with 5 notches S. and 3 notches E. edges. Land gently ascending to N. E. soil mixed with sand and gravil 2nd " and 3rd " rate. "No timber"
	East, on a random line, bet. Secs. 3 and 10. Va. 16° 20' E.
	Over gently ascending ground
23.00	Wash 6 ft. deep 15 lks. wide

Subdivisions T. 16 S., R. 18 W.

Chains	
	course S. W.
26.36	Wash 3 ft. deep 50 lks. wide course S. W.
40.00	Set a temporary ¼ Sec. cor.,
60.60	Wash 6 ft. deep 150 ft. wide course S. W.
80.00	Intersect N. and S. line at the cor. to Secs. 2, 3, 10 and 11. Thence I run West, on a true line bet. Secs. 3 and 10. with same Va.
40.00	Set a quartzite stone 16 X 10 X 8 ins. 11 ins. in 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. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it
80.00	The cor. to Secs. 3, 4, 9 and 10

Chains	
	Land slopes gently to West,
	Soil, mixed with gravel 2nd and 3rd rate.
	No timber
	North, on a true line, bet. Secs. 3 and 4.
	Va 16° 20' E.
	Over gently ascending ground.
4.50	Wash 2 ft. deep 50 lks. wide course S.W.
30.00	Wash 5 ft. deep 30 lks. wide course S.W.
35.00	Wash 3 ft. deep 20 lks. wide course S.W.
40.00	Set a blue lime Stone 14X10X 6 ins. 9 ins. in ground for 1/4 Sec. Cor. marked 1/4 on W. face

Subdivisions T. 16 S. R. 18 W.

Chains	dug pits 18X18X12 ins. N. and S. of cor. 5½ ft. dist., and raised a mound of earth 1½ ft. high 3½ ft. base along side.
68.00	Wash 5 ft. deep 60 lks. wide course S.W.
69.00	Wash 5 ft. deep 30 lks. wide course S.W.
72.00	Wash 30 lks. wide 4 ft. deep course S.W.
85.20	Intersect 3rd Standard parallel S. 260 lks. E. of the cor. to secs. 33 and 34 re established by myself and at point of intersection set a blue lime stone 16X10X8 ins. for closing cor. to secs. 3 and 4, marked C.C. and 3 notches on E. and W. edges and raised a mound

Salt Lake Meridian

	Chains	of earth and stone along side.
		Land gently sloping bench,
		Soil mixed with gravel
		2nd rate,
		"No timber"
		February 22nd 1882
		From the cor. to secs. 4, 5, 32, and 33. on the south boundary of the township established by my self.
		I run
		North, bet. secs. 32 and 33
		Va 16°20' E.
		Over level ground
	40.00	Deposited a quart of char=

Chains. coal 12 ins. in ground for ¼ Sec. cor., dug pits 18X18X 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 2 ins. square, 12 ins in ground, marked ¼ S. on W. face.

80.00 Deposited a quart of charcoal 12 ins. in ground for the cor. to Secs. 28, 29, 32 and 33, 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 ground, marked

Chain

40.0

80.2

Salt Lake Meridian.

Chains	T. 16 S. S. 28 on N. E.
	R. 18 W. S. 33 on S. E.
	S. 32 on S. W. and
	S. 29 on N. W. faces, with
	1 notch S. and 4 notches
	on E. edges.
	Land level
	soil clay 4th rate
	No timber
	East, on a random line
	bet. Secs. 28 and 33.
	Va 16° 20' E.
	Over level ground
40.00	Set a temporary 1/4 Sec. Cor.
80.20	Intersect N. and S. line 42 lks.
	N. of the cor. to Secs. 27, 28, 33
	and 34. Thence I run
	N. 89° 42' W. on a true line, bet.

Subdivisions, T.16 S., R.18 W.

Chains	
40.10	secs. 28 and 33. with same Va Deposited a quart of char= coal 12 ins. in ground for ¼ sec. cor., dug pits 18X18X12 ins E. and W. of cor. 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.~~ 12 ins. in ground, marked "4 S on N. face.
80.20	The cor. to secs 28, 29, 32 & 33. Land level, Soil, clay and sand, 3rd and 4th rate No timber

North, bet. secs. 28 and 29.
Va. 16°20' E.

Salt Lake Meridian

Chains	
	Over level ground.
17.50	To S. bank of upper salt marsh course E. and W.
40.00	Deposited a quart of charcoal 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 3½ ft. base over it. In N. pit drove a stake 2 ft. long 2 ins. square 1½ ins. in ground, marked ¼ S on W. face
41.50	N. bank of upper salt marsh has no water on it. but is subject to inundation to the extent of two feet.
	Enter low sand knolls and scattering brush
80.00	Deposited a quart of char=

Chains.		Chains.
	coal, 12 ins. in ground for cor. to secs. 20. 21. 28 and 29, 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. S. E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in ground marked T. 16 S. S. 21 on N. E., Re. 18 W. S. 28 on S. E., S. 29 on S. W. and S. 20 on N. W. faced with 2 notches S. and 4 notches E. edges.	33.00
	Land level and gently rolling soil, 2nd and 4th rate	40.00
	No timber	53.00
		53.53
		78.00
		80.60

Salt Lake Meridian.

Chains.	
	East, on a random line bet. Secs. 21 and 28
	Va 16°20' E.
	Over sand Knolls and through brush.
35.00	Leave sand Knolls and brush and across Meadow.
40.00	Leave meadow, and enter brush and sand Knolls. Set a temporary ¼ Sec. cor.
55.00	Top of sand Knoll 15 ft. high course N. and S.
55.50	Leave sand ridge and brush and enter Meadow.
78.00	Leave meadow and enter brush.
80.60	Intersect N. and S. line 30 lks. N. of the cor. to Secs. 21, 22, 27 and 28. Thence I run N. 89°47' W. on a true line bet.

Subdivisions, T. 16 S. R. 18 W.

Chains.	
40.30	Secs. 21 and 28. with same Va. 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 over it. in E. pit drove a stake 2 ft. long 2 ins. square, 12 ins. in ground, marked ¼ S. on N. face
80.60	The cor. to Secs. 20, 21, 28 and 29. Land gently rolling and level. Soil, 1st and 2nd rate Undergrowth, greasewood on 5 3.10 chs.
	North, between Secs. 20 and 21 Va 16°20' E.
	Over a succession of low sand

Salt Lake Meridian.

Chains.	
	Knolls, through brush
40.00	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 a mound of earth 2½ 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
40.25	Leave sand hills. at S. bank of slough which is 2 ft. deep and 200 lks. wide runs W.
50.75	Slough 2 ft. deep 445 lks. wide muddy bottom runs W.
76.25	Slough 350 chs. wide 2 ft. deep runs W.
80.00	Deposited a quart of charcoal 12 ins. in ground for cor. to secs. 16, 17, 20 and 21, dug

Subdivisions T. 16 S. R. 18 W.

Chains.	
	pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist., 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. 16 S. 16 on N. E., R. 18 W. S. 21 on S. E., S. 20 S. W. and S. 17 on N. W. faces, with 3 notches S. and 4 notches E. edges. Land knolly and level soil 1st and 2nd rate undergrowth greasewood on 40.25 Chs.
	East, on a random line, bet.

Chains

22.5

30.7

32.2

39.0

40.0

60.0

80.5

40.

Salt Lake Meridian

Chains.	Secs. 16 and 21.
	Va 16° 20' E.
	Over level meadow, through sloughs.
22.50	Leave sloughs
30.75	Slough 30 lks. wide 2 ft. deep
32.25	Slough 25 lks wide 2 ft deep runs S.W.
39.00	Slough 20 lks wide 12 ins deep runs S.W.
40.00	Set a temporary ¼ sec cor.
60.00	Leave meadow land and enter greasewood course N. 80° W. and S. 80° E.
80.50	Intersect N. and S. line 80 lks N. of the cor. to Secs. 15, 16, 21 & 22
	Thence I run N. 89° 26' W. on a true line, bet. Secs. 16 and 21 with Same Va.
40.25	Deposited a quart of charcoal

Subdivisions T. 16 S. R. 18 W.

Chains.	
	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 over it. In E. pit drove stake 2 ft. long 2 ins. square 12 ins. in ground, marked ¼ S. on N. face. from this cor. Josiah Smith's house bears N. 34° E.
80.50	The cor. to secs. 16, 17, 20 and 21. Land level. Soil, loam 1st rate undergrowth greasewood on 20 Chs.
	North, bet. secs. 16 and 17. Va 16° 20' E
2.200	Slough N. W. and S. E.

Salt Lake Meridian.

Chains.	
32.00	Slough 25 lks. wide 2 ft. deep runs N.W.
37.75	Slough 50 lks. wide 2 ft. deep runs N.W.
39.50	Leave meadow and enter greasewood
40.00	Deposited a quart of charcoal 12 ins. in ground for 1/4 sec. cor., dug pits 18 X 18 1/2 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. On N. pit drove a stake 2 ft. long 2 ins. square 12 ins. in ground, marked 1/4 S on W. face.
47.00	Road from Desert to Warm creek course N.W. and S.E.
80.00	Deposited a quart of char=

Subdivisions T. 16 S. R. 18 W.

Chains

coal 12 ins. in ground for
Cor. to Secs. 8, 9, 16 and 17,
dug pits 18X18X12 ins. in
each sec. 5½ ft. diot. 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. 16 S. S. 9 on N.E.,
R. 18 W. S. 16 on S.E.
S. 17 on S.W. and
S. 8 on N.W. faces with 4
notches on S. and E. edges.
Land nearly level.
Soil 1st and 2nd rate
Undergrowth greasewood on
40.50 chs.

Chain

40.0

79.7

39.8

Salt Lake Meridian.

Chains.	
	East, on a random line, bet. Secs. 9 and 16 Va. 16° 20' E. Over nearly level land, through brush.
40.00	Set a temporary ¼ sec. cor.
79.76	Intersected N. and S. line 72 lks. S. of cor. to Secs. 9, 10, 15 and 16. Thence I run S. 89° 29' W. on a true line bet. Secs. 9 and 16, with same Va.
39.88	Deposited a quart of char coal 12 ins. in ground for ¼ sec. cor., dug pits 18x18x12 ins. E. and W. of cor. 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 ground

Subdivisions T. 16 S., R. 18 W.

Chains.	
79.76	marked 1/4 S on N. face.
	The cor. to Secs. 8, 9 16 and 17.
	Land nearly level.
	Soil mixed with clay 2nd and 3rd rate
	Undergrowth greasewood on 79.76 chs.
	North, bet. Secs. 8 and 9.
	Va. 16° 20' E.
	Over nearly level ground through brush
40.00	Deposited a quart of charcoal 12 ins. in. in ground for 1/4 sec. cor., dug pits 18X18X12 ins. N. and S. of cor., [illegible] 5 1/2 ft. dist., raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it.

Salt Lake Meridian

Chains	
	In N. pit drove a stake 2 ft. long 2 ins. square, 12 ins. in ground, marked ¼ on W. face.
60.00	Leave brush, and ascend gently sloping bench, course N. 66° E and S. 60° W.
80.00	Deposited a quart of charcoal 12 ins. in ground for cor. to Secs. 4, 5, 8, and 9, dug pits 18X18X12 ins. in each sec. 5½ ft. dist., 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. 16 S. S. 4 on N. E., R. 18 W. S. 9 on S. E. S. 8 on S. W. and

Subdivisions T. 16 S. R. 18 W.

Chains.	
	S 5 on N. W. faces. with 5 notches S. and 4 notches E. edge. Land level and gently descending toward S.
	Soil, loam and Mixed with gravel 1st and 2nd rate. Undergrowth greasewood on 6 o. chs.
	East, on a random line bet. secs. 4 and 9.
	Va 16° 20' E.
	Over gently ascending ground.
40.00	Set a temporary 1/4 Sec. cor.
41.10	Wash 3 ft. deep 50 lks. wide course S. W.
49.80	Trail course N. W. and S. E.
63.20	Road from Deseret to Salt Marsh course N. 40° W. and S. 40° E.
80.60	Intersect N. and S. line 80 lks.

Salt Lake Meridian.

Chains.	
	S. of the cor. to Secs. 3, 4, 9 & 10. Thence I run
	S. 89° 26' W. on a true line bet. Secs. 4 and 9 with same Va.
40.30	Set a gray lime Stone 14X8X3 ins. 9 ins. in ground for ¼ Sec. cor. Marked ¼ on N. face, dug pits 18X18X12 ins E. and W. of cor. 5½ ft. dist, raised a mound of earth 1½ ft. high 3½ ft. base along side.
80.60	The cor. to Secs. 4, 5, 8 and 9 Sand bench gently slopes to S.W. Soil mixed with gravel 2nd rate.
	No timber
	North on a true line bet. Secs. 4 and 5

Subdivisions T. 16 S. Rg. 18 W.

Chains	
	Va 16° 20' E.
	Over gently ascending bench
17.50	Wash 50 lks. wide 4½ ft. deep,
	course S. 75° W.
40.00	Set a cobble stone 14 X 10 X 8 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 cor. 5½
	ft. dist. and raised a mound
	of earth 1½ ft. high 3½ ft
	base over it.
49.25	Wash 50 lks. wide 2½ ft.
	deep course S. 70° W.
59.50	Wash 20 lks. wide 2 ft. deep
	course W.
84.20	Intersect 3rd Standard par-
	allel S. 2.80 lks. to of the cor.
	to Secs. 32 and 33, re-estab-
	lished by my self, and at
	point of intersection set a

Salt Lake Meridian.

Chains. blue lime Stone 18X12X8 ins. 12 ins. in ground for cor. to Secs. 4 and 5. ~~dug~~ marked C. C. with 4 notches E. and 2 notches W. edges, dug pits 18X18X12 ins. S. E. and W. of Stone 5½ ft. dist. and raised a mound of earth 2½ ft. high 4½ ft. along side ~~it~~.

Land gently rolling bench soil mixed with gravel 2nd and 3rd rate

"No timber"

February 23rd 1882.

Sub-divisions T. 16 S. R. 18 W.

Chains. on the night of February 23rd 1882. I took an observation on the Star Polaris in accordance with instructions contained in the Manuel of Surveys, and drove pickets on the line thus established. Before commencing this line I test my compass on the line established last night and find it correct.

From the cor. to secs. 5. 6. 31 and 32. on the S. boundary of the township, established by myself under present contract,

I run

North. bet. secs. 31 and 32

Ch

40.

80.

Salt Lake Meridian.

Chains.	
	Va. 16° 20' E.
	Over level ground,
40.00	Deposited a quart of charcoal 12 ins. in ground for ¼ Sec. cor., dug pits 18X18X12 ins N. and S. of cor. 5½ ft. dist. 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.
80.00	Deposited a quart of charcoal 12 ins. in ground for cor. to Secs. 29, 30, 31 and 32, dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. 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.

Subdivisions T. 16 S. R. 18 W.

Chains.	Square, 12 ins. in ground, marked. T. 16 S. S. 29 on N.E., R. 18 W. S 32 on S.E., S. 31 on S.W. and S. 30 on N.W. faces, with 1 notch S. and 5 notches E. edges.	
	Land level, soil, mixed with clay 2nd and 3rd rate.	
	"No timber"	
	East, on a random line, bet. secs. 29 and 32.	
	Va. 16°20' E.	
	Over level ground.	
40.00	Set a temporary 1/4 Sec. cor.	
79.40	Intersect N. and S. line at 15	

Salt Lake Meridian.

Chains. lks. N. of the cor. to secs. 28, 29, 32 and 33. Thence from N. 89°53' W. on a true line, bet. secs. 29 and 32, with same Var.

39.70 Deposited a quart of charcoal 12 ins. in ground for ¼ sec. cor., dug pits 18x18x12 ins. E. and W. of cor. 5½ ft. dist. raised a mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove a stake 2 ft. long 2 ins. square, 12 ins. in ground, marked 1/4 S. on N. face.

79.40 The cor. to secs. 29, 30, 31 and 32.

Land level,

Soil sandy 3rd rate.

"No timber"

West, on a random line, bet.

Chains.	secs. 30 and 31.
	Va. 16° 20' E.
	Over nearly level ground
40.00	Set a temporary ¼ sec. cor.
80.30	Intersect W. boundary of town-
	ship at 21 lks. N. of the cor.
	to secs. 25, 30, 31 and 36. es-
	tablished by my self under
	present contract. Thence from
	N. 89° 51' E. on a true line, bet.
	secs. 30 and 31. with same Va.
40.30	Deposited a quart of char-
	coal 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 over
	it. In E. pit drove a stake.
	2 ft long 2 ins. square 12 ins.
	in ground, marked ¼ S

Salt Lake Meridian.

Chains	
	on N. face, ~~on~~
80.30	The cor. to secs. 29, 30, 31 and 32.
	Land level.
	Soil, mixed with sand and clay impregnated with salt 4th rate
	"No timber"
	North, bet. secs. 29 and 30. Va 16°20' E.
	Over level ground
32.00	To S. side of low marshy flat, soil mixed with salt or alkalie
40.00	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. raised a mound of earth

Subdivisions T. 16 S. Rg. 18 W.

Chains	
	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
80.00	Deposited a quart of charcoal 12 ins. in ground for cor. to Secs. 19, 20, 29 and 30, dug pits 18X18X12 ins. in each Sec. 5½ ft. diet. 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. 16 S. S. 20 on N. E., Rg. 18 W. S. 29 on S. E. S. 30 on S. W. faces with 2 notches S. and 5 notches E. edges.

Chain

18.5

24.

40.

80.5

Salt Lake Meridian.

Chains.	
	Land Level,
	Soil, sandy, and clay alkalie or salt 3 and 4th rate
	No timber
	East, on a random line, bet. Secs. 20 and 29.
	Va. 16° 20' E.
	Over salt marsh or alkalie flat
18.50	East, margin of salt marsh or alkalie flat course S. 65° E. and N. 30° W.
24.50	To foot of sand ridge on east and enter greasewood brush
40.00	Set a temporary ¼ Sec. Cor.
80.50	Intersect N. and S. line 50 lks. S. of the cor. to Secs. 20, 21, 28 and 29. Thence Irrw

Subdivisions T. 18 S. R. 18 W.

Chains. S. 89°39' W. on a true line bet.
Secs. 20 and 29, with same Va.
40.25 Deposited a quart of charcoal 12
ins. in ground for ¼ Sec. cor.
Ang. pits 18 X 18 X 12 ins. E
and W. of cor. 5½ ft. dist.
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.
80.50 The cor. to Secs. 19, 20, 29 and 30
Land gently rolling and level
soil, sandy and mixed
with clay 2nd and 4th rate
Undergrowth greasewoods on
56. Chains.

Salt Lake Meridian

Chains	
	West, on a random line, bet. secs. 19 and 30.
	Va. 16° 20' E.
	Over flat marshy ground
40.00	Set a temporary ¼ sec. cor.
74.50	W. margin of salt marsh, enter sand knolls. course N. and S
79.10	Intersect W. boundary of township 45 lks. S. of the cor. to secs. 19, 24, 25 and 30 Established by myself. Thence I run S. 89° 41' E. on a true line, bet. secs. 19 and 30. with same Va.
39.10	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

6 chains	earth 1½ ft. high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. square 12 ins. in ground, marked 4 S. on N. face.	6 chains
79.10	The cor. to Secs. 19, 20 29 and 30. Land nearly level, Soil, sandy and clay mixed with salt or alkali 2nd & 4th rat	80.00
	No Timber	
	North, bet. Secs. 19 and 20 Va. 16° 20' E.	
	Over flat marshy ground	
22.30	Leave salt marsh and enter sand knolls and greasewood brush course E. and W.	
40.00	Deposited a quart of charcoal 12 ins. in ground for ¼	

Salt Lake Meridian

	Chains	sec. cor., dug pits 18X18X12 ins. N. and S. of cor. 5½ ft. dist. 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 ¼S on W. face.
	80.00	Deposited a quart of charcoal 12 ins. in ground for cor. to secs. 17, 18, 19 and 20, dug pits 18X18X12 ins. in each sec. 5½ ft. dist., 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. 16 S. S. 17 on N. E. R. 18 W. S. 20 on S. E.

Subdivisions T. 16 S. R. 18 W.

Chains.		Chains.
	S. 19 on S. W. and S. 18 on N. W. faces with 3 notches S. and 5 notches E. edge	50.00
	Sand flat, and Knolly soil, 2nd and 4th rate	69.00
	Undergrowth greasewoods on 5 & 7. 50 chs.	80.00
	East on a random line, bet. secs. 17 and 20 Va 16° 20' E.	40.00
	Over sand Knolls and through brush	45.75
30.00	Leave sand Knolls and grease woods Course N. and S. Entire mea.	
34.25	To pond, set a temporary stake	
40.00	To point in pond about 2 ft deep impracticable to set cor here	

Chains	
50.00	Leave pond containing about 15 acres.
69.00	Slough 400 lks. wide 2 ft deep course N.W. and S.E.
80.00	Intersect N. and S. line 70 lks. S. of the cor. to Secs. 16, 17, 20 and 21. Thence I run S. 89°30' W. on a true line bet. Secs. 17 and 20 with same Va.
40.00	Point in slough for 1/4 sec cor. which cannot be established Therefore continue line and at
45.75	Deposit a quart of charcoal 12 ins. in ground for witness point of 1/4 Sec. cor., dug pits 18X18X12 ins. E. and W. of cor. 3½ ft. dist. raised a mound of earth 1½ ft. high 3½ ft. base over it. I mx E. pit drove a

Subdivision, T. 16 S. R. 18 W.

Chains		Chains
	Stake 2 ft. long 2 ins. square, 12 ins. in ground, marked 7 S. W. C. on N. face	
80.00	The cor. to secs. 17, 18, 19 and 20	39.30
	Land level and knolly, soil 1st and 2nd rate greasewoods on 30 chs.	
	West on a random line, bet. secs. 18 and 19.	
	Va 16° 20' E.	
	Over knolly land.	79.30
10.00	Leave knolls and enter salt marsh flat	
40.00	Set a temporary ¼ sec. cor.	
60.00	West. bank of marshy flat	
79.30	Intersect W. boundary of Township 14 lks. S. of the cor. to secs. 13, 18, 19 and 24 Established by	

Salt Lake Meridian.

6 chains	my self. Thence I run S. 89°54' E. on a true line, bet. Secs. 18 and 19. with same Va.
39.30	Deposited a quart of charcoal 12 ins. in ground for ¼ Sec Cor. dug pits 18x18x12 ins. E. and W. of cor., 3½ ft. dist. and raised a mound of earth 2 ft. high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. square 12 ins. in ground marked ¼ S. on W. face.
79.30	The cor. to Secs. 17, 18, 19, and 20. Land flat and knolly soil, 2nd and 4th rate. Undergrowth and sand knolls on 10. chs. February 24th 1882

North, bet. Secs. 17 and 18.
Va. 16°20' E.

Subdivisions T. 16 S. R. 18 W.

Chains		Chains
	Over knolly ground through brush.	
40.00	Deposited a quart of charcoal 12 ins. in ground for ¼ Sec. cor., dug pits 18×18×12 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 stake 2 ft. long 2 ins. square, 12 ins in ground, marked ¼ S. on W. face.	
67.00	Top of sand ridge about 12 ft. high course N. W. and S. E.	
75.00	Road from Deseret to salt Marsh course N. 80° W and S. 80° E	
80.00	Deposited a quart of charcoal 12 ins in ground for the cor. to Secs. 7, 8, 17 and 18., dug pits 18×18×12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base	10.00 36.50

Salt Lake Meridian

Chains.	
	over it. In S. E. pit drove stake 2 ft. long 2 ins. square 12 ins. in ground, marked T. 16 S. S. 8 on N. E. R. 18 W. S. 17 on S. E. S. 18 on S. W. faces. with 4 notches S. and 5 notches E. edges. Land knolly and rough soil, sandy. 2nd rate brush in 80 chs.
	East, on a random line, bet. secs. 8 and 17. Va. 16°20' E
	Over nearly level ground through brush
10.00	Slough 2 ft. deep 50 lks. wide course S.E. and N.W.
3.50	Slough 50 lks. wide 2 ft. deep runs N.

Chains		Chains
40.00	Set a temporary ¼ sec. cor.	
79.50	Intersect N. and S. line 70 lks. S. of cor. to secs. 8, 9, 16 and 17	
	Thence S. run.	9.70
	S. 89°30' W. on a true line bet. secs. 8 and 17. with same Va.	9.00
39.75	Deposited a quart of charcoal 12 ins. in ground for ¼ sec. cor.	37.00
	dug pits 18x18x12 ins. E and W of cor. 5½ ft. dist. raised a	40.00
	mound of earth, 1½ ft. high 3 ft. base over it. On E. pit drove	64.00
	stake 2 ft. long 2 ins. square 12 ins. in ground marked ¼ S. on N. face.	79.80
79.50	The cor. to secs. 7, 8, 17 and 18. Land nearly level soil 2nd rate	79.80
	Undergrowth, greasewood an 79.50 chs.	

Salt Lake Meridian.

Chains.	
	West, on a random line, bet. secs. 7 and 18. Va. 16°20' E.
	Over nearly level ground
9.70	Road from Deseret to Warm creek course N.W. and S.E.
9.00	E. edges of salt marsh flat course N. and S.
37.00	Leave salt marsh flat course N. and S.
40.00	Set a temporary ¼ sec. cor.
64.00	Leave sand knolls. bush thicker
79.80	Intersect W. boundary of township 30 lks. S. of the cor. to secs. 7, 12, 13 and 18. established by my self. Thence I run S. 89°47' E. on a true line, bet. secs. 7 and 18. with same Va.
79.80	Deposited a quart of charcoal 12 ins. in ground for ¼ sec. cor.

Chains.		Chains.
	dug pits 18 X 18 X 12 ins. E. and W.	
	of cor. 5½ ft. dist. and raised a	10.00
	mound of earth 1½ ft. high 3½	
	ft. base over it. In E. pit	29.50
	drove a stake 2 ft. long 2 ins.	
	square, 12 ins. in ground, mark	37.80
	ed ¼ S. on N. face.	
7.80	The cor. to Secs. 7, 8, 17 and 18.	40.00
	Land level and knolly	
	soil, sandy and mixed with clay	
	salt and alkali 2nd and 4th rate	
	undergrowth greasewood on 7.80	
	North, bet. Secs. 7 and 8.	
2	Va 16° 20' E.	
	Over knolly and level land	47.50
2.00	Leave knolls at slough 2	
	ft. deep, and 200 lbs wide run	53.50
	N. 80° W	

Salt Lake Meridian.

Chains.	
10.00	Slough 10 chs wide from 6 ins to 2 ft. deep runs N. 80° W.
29.50	Slough 150 lks. wide, 2 ft. deep runs W.
37.80	To Slough 200 lks. wide 2 ft. deep runs N. 80° W.
40.00	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. 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 W. face
47.50	To Slough 150 lks. wide 2 ft. deep runs N. 80° W.
53.50	Slough 100 lks. wide 2 ft. deep runs N. 80° W.

Chains.		Chains.
5-5.50	To Slough 50 lks. wide 2 ft. deep runs N. 60° W.	
70.00	Leave meadow and sloughs and enter greasewood course S 80° E. and N. 80° W.	
80.00	Deposited a quart of charcoal 12 ins. in ground for cor. to Secs. 5, 6, 7 and 8, dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist. raised a mound 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 T. 16 S. S. 5 on N. E., R. 18 W. S. 8 on S. E., S. ¾ S. W. and S 6 on N. W. edges with 5 notches on S. and E. edges	40.00 80.10 40.0

Salt Lake Meridian.

Chains.	
	Land nearly level, soil 1st and 2nd rate, greasewoods on 12. chs.
	East, on a random line bet. secs. 5 and 8
	Va 16° 20' E.
	Over nearly level ground through brush
40.00	Set a temporary ¼ sec. cor.
80.10	Intersect N. and S. line 30 lks. S. of the cor. to secs. 4, 5, 8 and 9. Thence I run S. 89° 47' W. on a true line, bet. secs. 5 and 8, with same Va.
40.05	Deposited a marked stone 12 ins. in ground for ¼ sec. cor. dug pits 18X18X12 ins E. and W. of cor. 5 ~~[illegible]~~ dist. rais

Chains.		Chains.
	ed a mound of earth 1½ ft. high 3½ ft. base over it.	3.75
	In E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in ground, marked ¼ S. on N. face	19.00
80.10	The cor. to secs. 5, 6, 7 and 8	30.50
	Land level,	
	Soil clay loam 2nd rate	
	Undergrowth greasewoods on 80.10 chs.	40.00
		41.00
	West, on a random line bet. secs. 6 and 7.	65.00
	Va. 16° 20' E.	
	Over level ground through brush.	79.50
11.00	Leave greasewoods course N.W. and S.E. and enter Meadow	

Salt Lake Meridian.

Chains.	
3.75	To slough 3 ft. deep 125 lks. wide runs N. 85° W.
19.00	Leave Meadow and enter sand Knolls and brush course N. 85° W and S. 85° E.
30.50	Leave sand Knolls and brush at N.E. edge of Salt Marsh flat.
40.00	set a temporary ¼ sec. cor.
41.00	Leave salt Marsh flat and enter greasewoods course S. E and N.W.
65.00	Leave greasewoods and enter Meadow course N and S.
79.50	Intersect W. boundary of township at 50 lks. N. of the cor. to Secs. 1, 6, 7 and 12 established by my self.

Chains.		Chains.
	Thence I run	
	N. 89° 39' E. on a true line bet.	
	Secs. 6 and 7. with same Va.	
39.50	Deposited a quart of char-	
	coal 12 ins. in ground for	
	Sec. Cor. dug pits 18 X 18 X 12 ins.	40.00
	E. and W. of cor. 5½ ft. dist.	
	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	
	ground, marked ¼ S. on N.	
	face,	
79.50	The cor. to Secs. 5, 6, 7 and 8.	
	Land nearly level, and sand	
	Knolls.	83.30
	Soil loam, sandy, clay and	
	alkali or salt. 1st 3 and 4th	
	rates.	
	Undergrowth greasewoods on 56.50 ch.	

Salt Lake Meridian.

Chains.	
	North, on a true line, bet secs 5 and 6
	Va 16° 20' E.
	Over level ground, through brush
40.00	Deposited a quart of charcoal 12 ins. in ground for ¼ sec. cor., dug pits 18X18 X12 ins. N. and S. of cor. 5½ ft. dist. 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.
83.30	Intersect 3rd Standard parallel S. 2.96 lks. E. of the cor. to secs. 31 and 32, re-established by myself, and at point of intersection, deposited a

Chains. marked stone 12 ins. in ground for cor. to secs. 5 and 6, dug pit 18X18X12 ins S. E. and W. of cor. 5½ ft. dist., raised a mound of earth 2 ft. high 4½ ft. base over it. In E. pit drove a stake 2 ft. long 2 ins. square, 12 ins. in ground, marked
C.C. T. 16 S. R. 18 W. on S.
S. 5 on E. and
S. 6 on W. faces, with 5 notches on E. and 1 notch on W. edge
Land nearly level
Soil loam and a little alkali
1st and 2nd rate
Undergrowth greasewoods
on 8 B. 20 chs.
February 25th 1882.

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General Description

This township contains a variety of land, from marshes to mountains.

The soil ranges from alkalie or salt, to rich loam

The soil of the upper bottom or meadow is generally rich black loam capable of producing abundant crops of grasses without irrigation other than the overflow of springs

The low benches are generally second rate, as also the Mountains except the more rocky portion which is 4th rate as also the "Salt Marsh" or alkalie flat 4th rate soil

There is excellent limestone

for building or for makin
lime in the mountains
There is meadow land and
in secs. 5, 6, 7, 8, 16, 17 and 21.
There is one settler Josia
Smith in sec 16.
There is a salt Marsh or alk
flat in secs. 6, 7, 17, 18, 19, 2
29 and 30, and return said section as saline
The greater portion of the
township is well adapted
to grazing.

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

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U. S. SURVEYOR GENERAL'S OFFICE, 201

Salt Lake City, Utah, July 22nd 1882.

The foregoing field notes of the survey of the

Subdivisions

Township No. 16 South *Range No.* 18 West

of the Salt Lake Meridian, Utah Territory,

Executed by Andrew J. Stewart Jr

Under his *contract No.* 103

of the 15th *day of* June 1881,

in the month of February 1882,

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

Fred Salomon

U. S. Surveyor General for Utah.

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REPORT: 1883

Filed 188

Examined by John P. Campbell

Compared by Edw. Michaelis & L. W. Hickok

FIELD NOTES

OF THE SURVEY OF THE

North, East and West

township lines

OF

Township No. 18 South

Range No. 19 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart Jr.

U. S. Deputy Surveyor,

Under his Contract No. 103

Dated June 15th 1881.

Survey commenced February 2d 1882

Survey completed February 3d 1882.

197

203 NAMES AND DUTIES OF ASSISTANTS:

Shadrach M. Richardson Compassman

James N. Stewart Chainman

Joseph F. Thompson Chainman

Brigham J. Brown Chainman

James F. Ogles Chainman

Joseph R. Ogles Axeman.

David E. Craft Axeman.

Flagman.

East Boundary 204

BOOK-A-180

Exterior's T 18 S. R. 19 W. S. L. M.

hains On the night of February 1st 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 2nd Feby. 1882 with a Burt's improved solar compass manufactured by W & L E Gurley

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

193 193

205 East Boundary

Exteriors T. 18 S. R 19 W.

Chains	
	I begin at the cor. Tps and 19 S. Rs 18 and 19 which a blue limesto 14 x 8 x 6 ins., 9 ins. in th ground marked 6 no es on N. S. E and W edge with pits 24 x 18 x 12 ins. E and W. of Stone 6 ft. dis and a mound of Earth 2½ ft. high, 5 ft base al side.
	Thence, I run
	North, bet. secs 31 and 3 Va, 16°. 20'. E.
	Over level ground th[illegible] brush
23,50	wash 3 ft deep 20 links wi course E. Enter Sm knolls

Sa

Chain

40,00

65.0

66.0

80.0

BOOK-A-180

Cont. Boundary 194

Salt Lake Meridian

Chains	
40.00	Deposited a quart of charcoal, 12 ins. in the ground for 1/4 sec. cor. 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 the ground, marked 1/4 S. W. face.
65.00	Foot of bench leave knolls ascend
66.00	Top of bench 6 ft high course, E. and W.
80.00	deposited a quart of charcoal, 12 ins. in the ground for cor. to secs. 25. 30. 31 and 36, dug pits 18X18X12 ins. in

East Boundary

Exteriors T 18 S. R 19 W

Chains each sec. 5½ ft dist. rai-
-ed a Mound of Earth 2 ft.
high, 4½ ft. base over it.
In N.E. pit drove a Stake
2 ft. long, 2 ins. Square
12 ins. in the ground
Marked T. 18 S S. 30, on N.E.
R 18. W. S. 31 on S.E.
R. 19. W. S. 36, on S.W.
S. 25. on N.W. faces
With 1 notch on S and
5, notches on N. Edges
Land-level,
Soil-, clay mixed with gr
2nd Rate
Under growth greasewood
on 80 chains

BOO

S

Chains

31.50

40.00

80.00

Salt Lake Meridian

	North, bet. Secs. 25 and 30
	Va. 16°. 20' E.
	over gently rolling ground
	through brush
31.50	wash 3 ft deep, 6 links wide,
	course, N. 10° W.
40.00	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.
	over it. In N. pit, drove
	a stake, 2 ft. long, 2 ins.
	square, 12 ins. in the
	ground, marked 1/4 W
	face.
80.00	Deposited a quart of
	charcoal, 12 ins. in the
	ground for Cor. to Secs.

East Boundary

Exteriors. T. 18 S. R. 19 W.

Chains	19, 24, 25 and 30, dug pit 18 X 18 X 12 ins, in each sec 5½ ft. dist., 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 grow marked, T 18, S. S. 19, on N. E. R. 18 W. S 30, on S. E. R. 19 W. S 25, on S. W. S 24 on N. W. faces, With, 2 notches on S. and 4 notches on N. Edges. Land Rolling and level. Soil — Mixed clay & grass 3 Rate Under growth grease wood on 80 chains	40,00 60,00 80.00

chains	North, bet. Secs. 19 and 24	
	Va. 16° 20' E.	
	Over level bottom, through brush.	
40,00	Deposited a quart of char-coal, 12 ins. in the ground for 1/4 Sec. Cor. dug. pits 18X 18X12 ins. N. and S. of Cor. 5½ ft. dist. 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.	
60,00	leave flat of hard pan ascend	
80,00	Deposited a quart of char-coal, 12 ins. in the ground for cor. to Sects. 13, 18, 19 and 24	

East Boundary of
Exteriors T. 18 S. R. 19 W.

Chains	
	dug pits 18X18X12ins. in each sect. 5½ ft. dist. 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, 13 ins., in the ground. Marked T. 18. S. S. 18 on N. E. R. 18 W. S. 19, on S. E. R. 19 W. S. 24 on S. W. S. 13, on N. W. faces. With 3 notches on N. and S. edges.
40,00	
	Land level. Soil mixed with clay and gravel. 2nd and 3rd Rate
80,00	
	Undergrowth greasewood on 80 chains

Salt Lake Meridian

Chains	North. bet. secs. 13 and 18
	Va. 16°.20 E.
	Over level bottom grease-wood and mountain Rush.
40,00	Deposited, a quart of charcoal 12 ins. in the ground, for 1/4 sec. cor., dug pits 18X18X12 ins. N. & S. of cor. 5½ ft. dist. 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	Deposited a quart of charcoal, 12 ins. in the ground, for cor. to secs. 7, 12, 13, and 18, dug pits 18X18X12 ins. in each sec. 5½ ft. dist. raised a mound of Earth 2 ft high

East Boundary
Extension T. 16 S. R. 19 W.

Chains	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 18 S.R. 7 on N.E. R. 18 W. S. 18 on S.E. R. 19 W. S. 13 on S.W. S. 12 on N.W. faces, with 4 notches on S. 2 notches on N. Edges. land level. Soil, clay mixed with gravel. 2nd 3rd Rate Undergrowth. greasewood and Mountain Rush. on 80 chains	Chains 40,00 80,00

East Boundary

Salt Lake Meridian

Chains	North, bet. secs. 7 and 12
	Va. 16°.20'. E.
	Over level land, covered with Greasewood and Mountains Rush.
40,00	Deposited, a quart of charcoal 12 ins. in the ground for 1/4 sec. cor. dug pit 18 x 18 x 12 ins N. and S. of cor. 5½ ft. dist. 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	deposited a quart of charcoal 12 ins. in the ground for cor. to sects 1, 6, 7, and 12, dug pits 18 x 18 x 12 ins. in each section 5½ ft. dist.

East Boundary

Extensions T.18 S.R.19W.

Chains	raised a mound of earth 2 ft. high 4½ ft. base over it. In N.E. pit drove a stake 2 ft long 2 ins. square 12 ins. in the ground, marked, T.18 S.6. on N.E. R.18 W. S.7 on S.E. R.19 W. S.12 on S.W. S.1. on N.W. faces with 5 notches on S. and 1 notch on N. Edges. Land. small knolls Soil - clay mixed with gravel 2nd & 3rd Rate. Undergrowth. grease wood and mountain rush	Chains 40.00 45.00 80.00

East Boundary

Salt Lake Meridian

Chains	North, bet. secs. 1 and 6 va. 16°.20'. E.
	Over level land small knolls greasewood and sand grass.
40,00	Deposited a quart of charcoal 12 ins. in the ground, for 1/4 sec. cor. dug pits 18x18x12 ins. N. and S. of cor. 5½ ft. dist. 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.
45,00	Road E and W
80,00	Deposited a quart of charcoal 12 ins. in the ground for cor. to Tps. 17 and 18 S. Rs. 18. and 19. W. dug pits

East Boundary

Exteriors, T. 18 S. R. 19 W.

Chains 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. 17. S. S. 31 on N. E.
R. 18. W. S. 6 on S. E.
T. 18. S. S. 1 on S. W. and
R. 19. W. S. 36 on N. W. faces with 6 notches on N. S. E and W. Edges

Land, level

Soil: clay 2nd and 3rd rate

No timber.

BOO

S

Chain

11,00

26,24

31,00

36,10

40,00

Salt Lake Meridian

Chains	From the cor. Tps. 18 and 19 S., Rs 19 and 20 W., which is a blue limestone 18X12X7 ins. 12 ins. in the ground, marked with 6 notches on N. S. E. and W. edges, and a mound of earth and stone along side.
	I run North, bet. secs. 31 and 36
	va. 16°.20' E.
	over gently sloping bench
11.00	Dry hollow 50 links wide, 9 ft. deep, drains east.
26.24	Road, course E. and W.
31.00	Wash, 50 links wide, 3½ ft. deep, drains E.
36.10	Road. Salt marsh to Pioche course, N. 30°. E.
40.00	Set a flint stone 18X14X10

West Boundary

Exteriors T. 18 S. R. 19 W.

Chains	
	ins. 12 ins. in the ground for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone alongside.
47.53	Wash 50 links wide, 3 ft. deep, drains E.
48.00	Road, course E.
58.00	Wash, 60 links wide, 3 1/2 ft. deep, drains E.
65.00	Wash, 70 lks. wide, 3 ft. deep, drains E.
67.50	Dry bed of Mill Creek 20 lks. wide 4 ft. deep. course E. (the water of this creek at this season of the year freezes up between this point and the mountain)
70.40	Wash, 3 lks. wide 3 ft. deep, drains E.
80.00	Set a flint Stone 18 x 9 x 8 ins. 12 ins. in the ground,

Salt Lake Meridian

	for Cor. to Secs. 25, 30, 31, and 36, '8 marked, with one notch on S. and 5 notches on N. edges, and raised a mound of Stone alongside.
	Land, Rolling.
	Soil: mixed with rock and gravel, 4th Rate,
	No timber.
	North, bet. secs. 25 and 30.
	Va. 16 20 E.
5.50	Wash 40 lks. wide, 3½ ft. deep. drains E.
6.59	Road, course, E, and W.
7.50	Wash, 50 lks. wide, 4 ft. deep, drains E.
14.00	Wash, 70 lks. wide, 4 ft. deep, drains E.

West Boundary

Extenors, 18 S. R 19 W.

Chains	
37,00	Dry bed of creek, 20 lks. wide, 4 ft. deep, drains E. (this creek is dry now at this point, the water being frozen near the base of the Mountain)
40,00	Set a flint stone 19 x 12 x 8 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, and raised a mound of stone alongside
51,50	Hallow, 5 chs. wide, 12 ft. deep, course, East.
58,00	Top, of ridge course E
66,00	Wash 40 lks. wide, 3 ft. deep, drains E.
80,00	Set a flint stone 18 x 9 x 8 ins. 12 ins. in the ground, for cor. to secs. 19, 24, 25, and 30,

BOOK

Sa

Chains

6,50

17.50

30,0

40,0

chains. Marked with 2 notches on S. and 4 notches on N. ridges, and raised a mound of stone alongside.
Land rolling foot hills
Soil, mixed with rock and gravel.
4th Rate.
No timber.

North, bet. secs. 19 and 24
Va. 16° 20 E.

6,50 Wash, 40 lks. wide, 6 ft. deep, drains E.
17.50 Foot bridge, 14 ft. high.
30,00 Top of ridge, descends E.
40,00 Set a flint stone 17 X 8 X 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on

Not Boundary

Exteriors T. 18 S., R. 19 W.

Chains	
	W. face, and raised a mound of stone alongside,
57.50	Large wash, 150 lks. wide, 10 ft. deep, drains, S. 80 E.
60.25	Wash, 100 lks wide 13 ft. deep — drains E.
80.00	Set a flint stone 20 x 11 x 6 ins. 12 ins. in the ground, for Cor. to Secs. 13, 18, 19, and 24. marked 3 notches on N. edge, 3 notches on S. edges, and raised a mound of earth and stone alongside.
	Land rolling.
	Soil — Mixed with gravel and stones.
	4th Rate,
	No timber,
	Feb. 2nd 1882

Salt Lake Meridian

Chains	North, bet. secs. 13 and 18
	Va. 16° 20'. E.
	Over rolling bench.
1,50	Wash 100 lks. 4 ft. deep course S. 80° E.
11,85	Wash, 100 lks wide, 10 ft. deep drains E.
40,00	Set. limestone 17 X 9 X 7 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face. and raised a mound of earth and stone alongside.
44,25	Wash 100 lks, wide, 8 ft. deep, drains E.
57,75	Wash. 100 lks. wide, 6 ft. deep drains E.
80,00	Set a flint stone 18 X 14 X 12 ins 12 ins. in the ground, for cor. to sects. 7, 12.

Exteriors T. 18 S. R. 19 W. — Sa

Chains	
	13 and 18. marked 2 notches on N. and 4 notches on S. edges. and raised a mound of stone alongside.
	Land, rolling foot hills.
	Soil - mixed with gravel and
	Rock. 4th rate.
	No timber.
	North, bet. secs. 7 and 12. va. 16 20' E.
	Over rolling land.
6.50	Wash, 75 lks. wide 4 ft. deep course E.
14.00	Wash 50 lks. wide, 8 ft. deep, drains E.
17.50	Cedar tree 4 chs. west.
40.00	Set a flint stone, 16 X 8 X 6 ins.

Chain

42.50

54.50

78.50

80.0

Salt Lake Meridian

Chains	11 ins. in the ground, for ¼ sec. cor. marked ¼ on W. face. and raised a mound of stone alongside.
42.50	Wash 75 lks. wide, 5 ft. deep. drains E.
54.50	Wash 40 lks. wide 8 ft. deep drains. E.
78.50	Wash 75 lks. wide 4 ft. deep drains E.
80.00	Set a bluelimestone 26×12×10 ins. 19½ ins. in the ground, for cor. to secs. 1. 6 7 and 12, marked 5 notches on S. 1 notch on N. edges. and raised a mound of earth and stone alongside. Land, rolling. Soil: mixed with rock and gravel. 4th rate. No timber

Exteriors T. 18 S., R. 19 W.

Chains	North bet. Secs 1 and 6 Va. 16° 26' E.
	Over rolling land.
3.60	Wash 30 lks. wide, 4 ft. deep, — drains E.
19.50	Wash 50 lks. wide, 3 ft. deep, drains E.
30.00	Wash 60 lks. wide, 2 ft. deep. drains E.
34.50	Wash 100 lks. wide, 8 ft. deep, drains E.
40.00	Set a limestone 17 x 9 x 6 ins. 12 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face, and raised a mound of stone along-side.
75.00	Wash 30 lks. wide 3½ ft. deep, drains E.
77.50	Wash 30 lks. wide, 3 ft. deep,

Chains	
	drains E.
79.90	Wash 12 lks. wide 2 ft. deep drains E.
80.00	Set a limestone 16X16X12 ins. 11 ins. in the ground, for cor. to Tps. 17 and 18 S. Rs. 19 and 20 W. marked 6 notches on N. S. E and W. Edges, and raised a mound of stone alongside.
	Land, rolling.
	Soil: mixed with rock and gravel.
	4th Rate.
	No timber.

Exteriors, T. 18 S., R. 19 W., Sal

Chains

From the cor. to Tps. 17 and 18 S., RS. 19 and 20 W., I run east on a random line, between said townships, the variation of my compass being 16° 20' E. I set temporary half mile and mile corners at each 40 and 80 chains, and find the township line to be 5 miles 79 chs. and 46 links long, and the falling to be 182 lks. N. of the cor. to Tps. 17 and 18 S., RS. 18 and 19 West. The correction for the true line will therefore be 30⅓ links. South, and 54 lks west per mile, and its course will be N. 89° 47' W.

Salt Lake Meridian

Chains. From the cor. to Tps. 17 and 18 S., Rs. 18 and 19 W., which is a quart of charcoal deposited 12 ins. in the ground, pits 24 X 18 X 12 ins. lengthwise on each line 6 ft. dist. N. S. E. and W. with a mound of earth 2½ ft high 5 ft base over it and a stake 2 ft. long 2 ins. square 12 ins. in the ground in S. E. pit. Marked,
T. 17 S. S. 31 on N. E.
R. 18 W. S. 6 on S. E.
T. 18 S. S. 1 on S. W. and
R. 19 W. S. 36 on N. W.
faces with 6 notches on N. S. E. & W. edges
I run.

North Boundary

Exteriors T. 18 S., R. 19 W., Sal

Ch	Chains	
		N. 89° 47' W. on a true line bet. secs. 1 and 36.
		Va. 16° 20' E.
		Over level land covered with greasewood and salt grass
	40.00	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. 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 the ground, marked 1/4 S. on N. face.
	50.00	Enter rabbit brush
	80.00	deposited a quart of charcoal 12 ins. in the ground for cor. to sects. 1, 2, 35 and 36, dug

Chains.

chains.

pits 18 X 18 X 12 ins. in each sec.
5½ ft. dist., 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. 17 S.S.~~ 36 on N.E.,
R. 18 W. S. 1 on S.E.
T. 18 S.S. 2 on S.W. and
S. 35 on N.W. faces
with 1 notch on E and 5 not-
-ches on W. edges
Land level.
Soil clay.
2nd Rate.
Underprowth
Rabbit-brush on 80 chains

Exteriors T. 18 S., R. 19 W. Sa

Chains	N. 89° 47' W. on a true line bet. Secs. 2 and 35
	Va. 16.20 E.
	Over nearly level land.
7.50	Road. course N. 50° W.
40.00	Deposited a quart of charcoal 12 ins. in the ground for 1/4 Sec. cor. dug pits 18X18X12 E. and W. 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.
80.00	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. 5½ ft. dist. raised a

North Boundary

Salt Lake Meridian.

Chains	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. 17 S. S. 35 on N.E. R. 18 W. S. 2 on S.E. T. 18 S., S. 3 on S.W. and S. 34 on N.W. faces. with 2 notches on E. And 4 notches on W. edges. Land. level. Soil: clay. 2nd Rose undergrowth Rabbit brush on 80 Chains

North Boundary

Exteriors. T. 18 S. R. 19 W.

Chains	
	N. 89° 47' W. on a true line bet. Secs. 3 and 34
	Va. 16° 20' E.
	Over level land through rabbit brush.
40.00	deposited a quart of charcoal 12 ins. in the ground for sec. cor. dug pits 18 x 18 x 12 ins. E. and W. 5½ ft. dist. 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 ¼ N. face.
80.00	Deposited a quart of charcoal 12 ins. in the ground for cor. to secs. 3, 4. 33 and 34, dug pits 18 x 18 x 12 ins. in each sec.

Sout. Boundary

Salt Lake Meridian

Chains

5½ ft. dist. raised a mound of earth 2 ft high 4½ ft. base over it. On S.E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground, marked
T. 17 S.S. 34 on N.E.
R. 19 W.S. 3 on S.E.
T. 18 S.S. 4 on S.W. and
S 33 on N.W. faces. With 3 notches on E. and 3 notches on W. edges.
Land level
Soil. Mixed sandy & clay
2nd and 3rd rate
undergrowth rabbitbrush on 80 chains.

Exteriors T. 18 S., R. 19 W.

Chains	N. 89° 47' W. on a true line bet. secs. 4 and 33
	Va. 16° 20' E.
	Over level land through rabbit brush.
40.00	Deposited a quart of charcoal 12 ins. in the ground for 1/4 sec. cor. dug pits 18X18X12 ins. E. and W. 5 1/2 ft dist. 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 on N face
80.00	Deposited a quart of charcoal 12 ins. in the ground for cor. to secs. 4, 5, 32 and 33 dug pits 18X18X12 ins. in

North Boundary

Salt Lake Meridian

Chains	each sec. 5½ ft. dist. 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 T17 S.S 33 on N.E. R.19 W., S.4 on S.E. T.18 S.S 5 on S.W. and S 32 on N.W. edges with 4 notches on E. and 2 notches on W. edges Land level. Soil: clay and sand 2nd and 3rd Rate undergrowth Rabbit brush on 80 chains

Chains		Chains
	N. 89° 47' W. on a true line	
	bet. secs. 5 and 32	
	Va. 16° 20' E.	
	over nearly level land	
	through greasewood	
29.82	Road course S. 10° W.	
38.33	Road course S 10° E.	
40.00	Set limestone 16X12X8 ins.	
	12 ins. in the ground, for 1/4 cor.	
	cor. marked 1/4 on N. face;	
	dug pits 18X18X12 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.	
" "	Top of bluff 15 ft above level	
75.25	Foot of bluff	
80.00	Set a limestone 14X8X6 ins.	
	10 ins. in the ground, for cor.	
	to secs. 5, 6, 31, and 32, marked	
	with 5 notches on E. and 1	

80 chains	notch on W. edges; railed a mound of earth and stones alongside. Land descending east Soil-gravel and stone 4th rate undergrowth greasewood on 80 chains

North Boundary
Extensions T. 18 S., R. 19 W.

Chains	N. 89° 47' W. on a true line
	bet. Secs. 6 and 31,
	Va. 16° 20' E.
	overland ascending W.
	through brush.
12.00	leave greasewood
40.00	Set a limestone 16 X 10 X 8
	ins. 11 ins. the ground for 1/4
	Sec. cor. marked 1/4 on N. face
	and raised a mound of stones
	alongside
79.46	The Cor. to Tps. 17 and 18 S., Rs.
	19 and 20 W.
	land rolling
	Soil mixed clay & gravel
	4th rate
	undergrowth greasewood
	on 12 chains
	February 3rd 1882.

BOOK A-180

North Boundary

Salt Lake Meridian

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For General Description
See Subdivisional Notes
Andrew J. Stewart Jr.
U. S. Deputy Surveyor.

BOOK-A-180

U. S. SURVEYOR GENERAL'S OFFICE, 243

Salt Lake City, Utah, July 22nd 1882

The foregoing field notes of the survey of the North, East and West township lines

Township No. 18 South Range No. 19 West of the Salt Lake Meridian, Utah Territory, Executed by Andrew J. Stewart Jr. Under his contract No. 103 of the 15th day of June 1881, in the month of February 1882, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby aproved.

Fred Salomon

U. S. Surveyor General for Utah.

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Township 18 S. **R.** 19 W.

	229		227		225		223		221		219	
215	6	331	5	307	4	288	3	269	2	252	1	204
	330		328		306		287		268		250	
213	7	327	8	304	9	285	10	266	11	248	12	202
	326		324		303		284		265		246	
212	18	323	17	301	16	282	15	264	14	244	13	200
	322		320		300		280		262		242	
210	19	319	20	298	21	279	22	261	23	240	24	198
	317		316		296		277		259		238	
208	30	315	29	294	28	275	27	258	26	237	25	196
	313		311		293		274		256		234	
206	31	309	32	291	33	272	34	254	35	233	36	193

BOOK-A-180

REPORT: 1883

Filed 1882

Examined by

Compared by Ed. Michaelis & L. W. Hickok

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

OF

Township No. 18 South

Range No. 19 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stuart Jr.

U. S. Deputy Surveyor,

Under his Contract No. 106

Dated June 16th 1881

Survey commenced February 4th 1882

Survey completed " 10th 1882

13

246 NAMES AND DUTIES OF ASSISTANTS:

Shadrach M. Richardson ..... Compassman.
James N. Stewart ..... Chainman.
Joseph F. Thompson ..... Chainman.
Brigham J. Brown ..... Chainman.
James F. Gyles ..... Chainman.
Joseph R. Gyles ..... Axeman.
David E. Crafts ..... Axeman.
..... Flagman.

Subdivisions T. 18 S. R. 19 W. S. L. Mer.

Chains On the night of February 3rd 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 Feb. 4 1882. with a Vernier compass manufactured by W. and L. E. Gurley, examined and approved by the Surveyor General of Utah.

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

I begin at the cor. to Townships 18 and 19 S. Rs. 18 and 19 West. and run N. on a blank line, on the E. boundary of

Subdivision T. 18 S. R. 19 W.

Chains. Sec. 36. and at 40.02 chs. fou
the ¼ Sec. Cor. and at 80.01 Chs.
found the Sec. Cor. As the S. of
the Sec. was run on a random
line, it was not resurv.
My compass will therefore
the same line as the ex
boundaries, and the chain
practically agrees.
I commenced at the Cor. to
12, 35 and 36. on the South bo
daly, which is a quart g
coal, 12 ins. in ground, pits 10
12 ins. in each Sec. 5½ ft. d
and a mound of earth 2½ ft.
4½ ft. base over it. In S. E.
find stake 2 ins. square 12
in ground, marked T. 18
S 36 on N. E., R. 19 W. S. 1.
T. 19 S 2 on S. W. and S. 3

Chains.

7.00

40.0

72.00

Salt Lake Meridian.

6 chains.	N.W. faces
	Thence Inn
	North bet. Secs. 35 and 36.
	Va. 16° 20' E.
	Over gently descending ground through brush.
7.00	Foot of bench, about 7 ft. high course N.E. and S.W. over level ground
40.00	Deposited a quart of charcoal 12 ins. in ground for 1/4 Sec Cor., dug pits 18X18X12 ins N. and S. of cor. 3 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 stake 2 ft. long 2 ins. square 12 ins. in ground, marked 1/4 S on W. face.
78.00	Foot of bench 6 ft. high course N.E. and S.W.

Subdivision T. 18 S. R. 19 W.

Chains.	
80.00	Deposited a quart of charcoal, 12 ins. in ground, for cor. to Secs. 25, 26, 35 and 36, dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist., raised a mound 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, T. 18 S. S. 25 on N. E., R. 19 W. S. 36 on S. E., S. 35 on S. W. and S. 26 on N. W. faces, with 1 notch on S. and E. edges. Sand nearly level. Soil, clay mixed with gravel, 2nd rate. undergrowth greasewood 80.00 chs.

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

Chains
3.00
5.00
40.00
53.00
79.66

Salt Lake Meridian.

Chains	
	Va. 16°20' E.
	Over gently rolling ground, Through brush,
3.00	To descent from bench course N. 15° E. and S. 15° W.
5.00	Foot of bench about 7 ft. high
40.00	Set a temporary 1/4 sec. cor.
53.00	Wash, 50 lks. wide, 3 ft. deep, course N.
79.66	Intersect E. boundary of township at 14 lks. S. of cor. to secs. 25, 30, 31 and 36, which is a quart of charcoal, 12 ins. in ground, pits 18X18X12 ins. in each sec., 5 1/2 ft. dist. and a mound of earth 2 ft. high 4 1/2 ft. base over it. In S. E. pit a stake 2 ft. long 2 ins square 12 ins in ground, marked T. 18 S. S. 30 on N. E.,

Subdivision T. 18 S. R. 19 W.

Chains.	
	R. 18 W. S. 31 on S. E. R. 19 W. S. 36 on S. W. and S. 25 on N. W. faces, with 1 notch S. and 3 notches N. edges. Thence from S. 89° 54' W. on a true line, bet. Secs. 25 and 36, with same Ca.
398.3	Deposited a quart of charcoal 12 ins. in 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
79.66	The cor. to Secs. 25, 26, 35 and 36. Land gently rolling. Soil clay and mixed with gravel 2nd rate Undergrowth greasewood on 79.66 chs.

Chains.

30.00

40.00

80.00

Salt Lake Meridian

Chains.	
	North, bet. secs. 25 and 26
	Va. 16°20' E.
	Over nearly level land, through scattering brush
30.00	Leave bench, at foot about 10 ft. below top course N. E and S.W., brush is thicker, a cop bottom.
40.00	Deposited a quart of charcoal, 12 ins. in ground, for 1/4 sec. cor., dug pits 18 X 18 X 12 ins. N. and S. of same, 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 stake 2 ft. long 2 ins. square, 12 ins. in ground, marked "4 S. on N. face.
80.00	Deposited a quart of charcoal 12 ins. in ground for cor. to secs. 23, 24, 25 and 26, dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft.

Subdivisions T. 18 S. R. 19 W.

Chains		Chains
	dist., raised a mound of earth,	40.00
	2 ft. high 4½ ft. base over it. In	79.86
	S. E. pit drove a stake, 2 ft. long	
	2 ins. square, 12 ins. in ground,	
	marked, T. 18 S. S. 24 on N. E.	
	R. 19 W. S. 25 on S. E.,	
	S. 26 on S. W. and	
	S. 23 on N. W. faces, with 2 notches	
	S. and 1 notch E. edges.	
	Land nearly level,	
	Soil, mixed with clay and gravel	
	2nd rate	
	Undergrowth greasewood and	
	mountain brush on 80.00 chs.	

East, on a random line,
bet. Secs. 24 and 25
Va 16° 20'

Over nearly level land

Salt Lake Meridian.

Chains.	
	Through brush.
40.00	Set a temporary ¼ Sec. Cor.
79.86	Intersect East. boundary of township 26 lks. N. of the cor. to secs. 19, 24, 25 and 30 which is a quart of charcoal 12 ins. in ground, pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. with a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit a stake 2 ft. long 2 ins. square, 12 ins. in ground, marked T. 18 S. 19 on N.E., R. 18 W. S. 30 S.E., R. 19 W. S. 25 on S.W. and S. 24 on N.W. faces with 2 notches S. and 4 notches N. edges.
	Thence I run
	N. 89° 49' W. on a true line, bet. secs. 24 and 25 with same Cor.

Subdivisions T. 18 S. R. 19 W.

Chains.	
39.93	Deposited a quart of charcoal 12 ins. in ground for 1/4 sec. cor., dug pits 18x18x12 ins. E. and W. of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3 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.
79.86	The cor. to secs. 23.24.25 and 26. Land nearly level. Soil clay and sandy mixed with gravel 2nd rate. Undergrowth, greasewood and mountainous on 79.86 chs.

North, bet. secs. 23 and 24.
Va. 16° 20' E.

Chains.
40.00
80.00

BOOK-A-180

Chains.

Over nearly level land, through bush.

40.00 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 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.

80.00 Deposited a quart of charcoal 12 ins. in ground for the cor. to Secs. 13, 14, 23 and 24, 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 ground, marked T. 18 S. S 13 on N. E.

Chains		Chains
	R. 19 W. S. 24 on S.E.	
	S. 23. on S. E. and	
	S. 14 on N.E. faces, with 3	
	notches S. and 1 notch E. edge.	
	Land level.	
	Soil, mixed with sand and clay	
	2nd rate	
	Undergrowth greasewood and	
	rabbit brush on 8.00 Chs.	
	East, on a random line	
	bet. Secs. 13 and 24.	
	Va. 16° 20' E.	
00.60	Wash, 3 ft. deep 20 lks. wide.	39.60
	course N.	
40.00	Set a temporary ¼ Sec. cor.	
79.20	Intersect E. boundary of	
	42 lks. S. of cor. to Secs. 13,	
	19 and 24. which is a gum	

BOOK-A,180

Chains of charcoal, 12 ins. in ground, pits 18X18X12 ins. in each sec. 5½ ft. dist. and a mound of earth 2 ft. high 4½ ft. base over it. In S. E. pit a stake 2 ft. long 2 ins. square, 12 ins. in ground, marked.
T. 18 S. S 18 on N. E.,
R 18 W. S. 19 on S. E.,
R 19 W. S. 24 on S. W. and
S. 12 on N. W. faces, with 3 notches
N. and S. edges. Thence Trav
N. 89°42' W. on a true line, bet.
Secs. 13 and 24. with same Va.
39.60 Deposited a quart of charcoal, 12 ins. in ground, dug pits 18X18X12 ins. E. and W. of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In E. pit

Chains.		Chains.
	drove, a stake 2 ft. long 2 ins. square, 12 ins. in ground, marked ¼ S. on N. face.	
79.20	The cor. to secs. 13, 14, 23 and 24. Land nearly level, soil mixed with gravel 2nd rate. Undergrowth greasewood and rabbit brush on 79.20 chs.	42.50 45.00 80.00
	North, bet secs. 13 and 14. Va 16° 20' E. Over level, ground, through brush	
40.00	Deposited a quart of charcoal 12 ins in ground for ¼ Sec. cor., dug pits 18X18X12 ins. N. and S. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it.	

BOOK-A-180

Chains.	
	In N. pit drove a stake, 2 ft long 2 ins. square 12 ins in ground, marked "4.S. on W. face,
42.50	Leave brush
45.00	Enter. course E. and W.
80.00	Deposited a quart of charcoal 12 ins in ground for cor. to Secs. 11, 12, 13 and 14. dug pits 18 X18X12 ins in each sec. 5½ ft. dist. raised a mound of earth 1½ ft. high 3½ ft. base, over it. In S.E. pit, drove a stake 2 ft. long 2 ins. square 12 ins. in ground, marked T.18 S. S.12 on N.E., R.19 W. S. 13 on S.E., S 14 on S.W. and S 11 on N.W. faces, with 4 notches S. and 1 notch E. edge. Land level,

Subdivision T. 18 S. R. 19 W.

Chains.	
	Soil, clay and sandy mixed with gravel 2nd rate. Undergrowth greasewood and rabbit brush on 77.50 chs.
	East, on a random line, bet secs. 12 and 13 Va. 16° 20' E.
	Over level land, through brush
18.40	Wash 1 ft. deep 10 lks. wide course N. 20° E.
36.40	Top of bench about 8 ft. high, course N. and S.
38.40	Foot of same
40.00	Set a temporary 1/4 sec. cor.
79.40	Intersected E. boundary of township at the cor. to secs. 7, 12, 13 and 18 which is a quart of charcoal, 12 ins. in ground

Chains.

39.70

Salt Lake Meridian.

Chains. pits, 18X18X12 ins. in Each
sec. 5½ ft. diet. and a mound
of earth 2 ft. high 4½ ft. base
over it. In S.E. pit a stake
2 ft. long 2 ins. square, 12
ins. in ground, marked
T.18 S.57 on N.E.,
R.18 W. S. 18 on S.E.,
R.19 W. S.13 on S.W. and
S.12 on N.W. faces. with 4
notches S. and 2 notches W.
edges. Thence S. 1m
West, on a true line with
same Va.

39.70 Deposited a quart of charcoal
12 ins. in ground for ¼ sec. cor.,
dug pits 18X18X12 ins. E. and W.
of cor. 5½ ft. diet., raised a
mound of earth 1½ ft. high
3½ ft. base over it. In . . E.

Subdivision, T. 18 S. R. 19 W.

Chains. drove a stake 2 ft. long 2 ins square, 12 ins. in ground, marked "4 S on N. face.

79.40 The cor. to secs. 11, 12, 13 & 14

Land level,

Soil clay, 2nd and 3d sat.

Undergrowth greasewood & rabbit brush on 79.40 chs.

North, bet. secs. 11 and 12.

Va. 16° 20' E.

Over level land, through brush.

18.00 Leave greasewood course E.

40.00 Deposited a quart of charcoal, 12 ins. in ground for 1/4 Sec. cor. dug pits 18 X 18 X 12 ins. N. and S. of cor. 5½ ft. dist., raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft.

Chains.

70.00

80.00

Salt Lake Meridian

Chains	
	long 2 ins. square, 12 ins in ground, marked 1/4 S on W. face
70.00	Enter alkali flat.
80.00	Deposited a quart of charcoal 12 ins. in ground for Cor. to Secs. 1, 2, 11 and 12, dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist., raised a mound of 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 T. 18 S. S 1 on N.E. R. 19 W. S. 12 on S.E. S. 11 on S.W. and S. 2 on N.W. faces with 5 notches S and 1 notch E. edges.
	Land level.
	Soil mixed with clay & sand 2nd and 3rd rate
	Undergrowth greasewood on 18 chs.

Subdivisions T. 18 S., R. 19 W.

Chains	
	East, on a random line, bet. Secs. 1 and 12
	Va 16° 20' E
20.00	Enter sand knolls and greasewood
40.00	Set a temporary ¼ sec. cor.
79.60	Intersected East boundary of Township at 11 lks. S. of the cor. to Secs. 1, 6, 7 and 12, which is a quart of charcoal, 12 ins in ground, pits 18 x 18 x 12 ins in each sec. 5½ ft. dist. and a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit a stake 2 ft. long 2 ins. square 12 ins in ground, marked T. 18 S. S 6 on N. E. R. 18 W. S. 7 on S. E. R. 19 W. S. 12 on S.W. and S. 1 on N.W. faces, with 5 notches S. and 1 notch N. edge

Chains

39.80

79.60

BOOK-A-180

Chains	Thence I run
	S. 89° 55' W. on a true line, bet.
	Secs. 1 and 12. with same Co.
39.80	Deposited a quart of char=
	Coal 12 ins. in 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 stake 2 ft. long 2
	ins. square, 12 ins in gron=
	nd, marked 1/4 S. on N. face,
79.60	The Cor. to Secs. 1, 2, 11 and 12.
	Land W. 20 chs. level 59.60 chs. Rocky
	Soil Clay and sandy 3 3/4 rate
	Undergrowth greasewood
	on E. 59.60 chs.

Subdivision T. 18 S. R. 19 W.

Chains.		Chains.
	North, on a random line, bet. Secs. 1 and 2. Va. 16° 20' E.	
	Over nearly level ground, through scattering brush.	40.50
40.00	Set a temporary 1/4 Sec. cor.	
80.50	Intersect N. boundary of township 40 lks. E. of the Cor. to Secs. 1, 2, 35 and 36, which is a quart of charcoal, 12 ins. in ground, pits 18 X 18 X 12 ins. in each Sec., 5 1/2 ft. diet., and a mound of earth 2 ft. high 4 1/2 ft. base, over it. In S. E. pit a stake 2 ft. long 2 ins. square 12 ins. in ground, marked T. 17 S. S 36 on N. E., R. 19 W. S. 1 on S. E. T. 18 S. S 2 on S. W. and S. 35 on N. W. faces, with	

Salt Lake Meridian.

Chains.	
	1 notch E., and 5 notches W. edge
	Thence I run.
	S. 0.17' E. on a true line, bet.
	Secs. 1 and 2. with same Va.
40.50	The cor. to Secs. 1, 2, 11 and 12.
	Land nearly level.
	Soil Clay 4th rate
	Undergrowth. scattering grease-
	wood on 80.00 chs.
	February 4th 1882

Subdivisions T. 18 S., R. 19 W.

Chains		Chains
	From the cor. to secs. 2.3.34 & 35, on the S. boundary of the township, which is a quart of charcoal, 12 ins. in ground, pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist., with a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit a stake 2 ft. long 2 ins. in ground, marked T. 18 S. S 35 on N.E., R. 19 W. S. 2 on S.E., T. 19 S. S 3 on S.W., and S 34 on N.W. faces, with 2 notches E. and 4 notches W. edges.	76.00
	From North, bet Secs. 34 and 35 Va. 16° 20' E.	80.00
	Over nearly level land, through brush.	
40.00	Deposited a quart of char-	

BOOK-A-180

Chains. - Coal, 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 3½ ft. base over it.
In N. pit drove stake 2 ft.
long 2 ins. square, 12 ins in
ground, marked "4 S. on W. face,
76.00 Leave greasewood, course E. and
W.
80.00 Deposited a quart of charcoal
12 ins. in ground for the Cor.
to Secs. 26, 27, 34 and 35. dug pits
18X18X12 ins. in each Sec. 5½
ft. dist. raised a mound 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.
T. 18 S. S 26 on N. E.,

Subdivision T. 18 S., R. 19 W.

Chains		Chains
	R. 18 W. S. 35 on S. E.,	
	S. 34 on S. W. and	
	S. 27 on N. W. faces, with 1 notch	
	S. and 2 notches E. edges.	39.83
	Land nearly level,	
	Soil, mixed with gravel 2nd rate	
	Undergrowth greasewoods on 76.00 chs	
	East, on a random line, bet.	
	Sect. 26 and 35	
	Va. 16° 20' E.	
	Over nearly level land,	
	through brush.	79.66
40.00	Set a temporary 1/4 Sec. cor.	
62.00	Leave flat and ascend bench,	
65.00	Top of bench about 15 ft. high	
	course N. and S.	
75.00	Brush not so thick.	
79.66	Intersect N. and S. line, 10 lks. S.	
	of the Cor. to Sects. 25, 26, 35 and 36	

BOOK-A-180

Chains.	
	Thence I run.
	S. 89°56' W. on a true line, bet.
	Secs. 26 and 35. with same Va.
39.83	Deposited a quart of charcoal,
	12 ins. in 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 stake, 2 ft. long 2 ins.
	square, 12 ins. in ground,
	marked 1/4 S on N. face
79.66	The cor. to Secs. 26. 27. 34 & 35
	Land nearly level,
	soil, clay and mixed with
	gravel 2nd & 3d rate.
	Undergrowth greasewood on
	75. chs

Subdivisions T. 18 S. R. 19 W.

Chains. North, bet Secs. 26 and 27.
Va 16° 20' E.

Over level ground, through brush.

0.00 Leave brush course E & W.

40.00 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 stake 2 ft. long 2 ins. square, 12 ins. in ground marked ¼ S. on W. face. Entering greasewoods.

61.00 Foot of low bench course E & W.

80.00 Deposited a quart of charcoal, 12 ins. in ground, for the cor. to Secs. 22, 23, 26 & 27, dug pits 18 X 18 X 12 ins. in

Chains

40.00

Chains	
	Each Sec. 5½ ft. dist. raised a mound 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, T.18 S. S 23 on N.E., R.19 W. S. 26 on S.E. S. 27 on S. W. and S. 22 on N. W. faces, with 2 notches on S. and E. edges
	Land nearly level,
	Soil 2nd rate.
	Undergrowth greasewood on 43 chs.
	East, on a random line, bet. Secs. 23 and 26.
	Va 16°20' E.
	Over level ground, through brush.
40.00	Set a temporary ¼ Sec. Cor.

Subdivision T. 18 S., R. 19 W.

Chains		Chains
80.00	Intersect N. and S. line, 30 lks. S. of the cor. to secs. 23, 24, 25 and 26. Thence I run S. 89°47' W. on a true line, bet. secs. 23 and 26, with same Va.	40.00
40.00	Deposited a quart of charcoal 12 ins. in ground for 1/4 sec. cor., dug pits E. and W. of cor. 5½ ft. dist., 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 ground marked 1/4 S. on N. face	80.00
80.00	The cor. to secs. 22, 23, 26 & 27	

Land nearly level
Soil, mixed with sand and clay 2nd and 3rd rate.
Undergrowth of greasewood and mountain brush on 80 chs.

BOOK-A-180

Salt Lake Meridian

Chains

North, bet. secs. 22 and 23
Va. 16°20' E.
Over nearly level land,
through brush.

40.00 Deposited a quart of charcoal, 12 ins. in ground for ¼ sec. cor., dug pits N. and S. 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 W. face.

80.00 Deposited a quart of charcoal, 12 ins. in ground for the cor. to secs. 14, 15, 22 and 23. dug pits 18X18X12 ins. in each sec. 5½ ft. dist., raised a mound of earth 2 ft. high 4½ ft. base over it. In S. E

Chains.		Chains.
	pit drove stake 2 ft. long 2 ins. square, 12 ins. in ground marked, T. 18 S. S 14 on N.E. R. 19 W. S. 23. on S.E.	
	S. 22 on S.W. and	39.83
	S 15 on N.W. faces. with 3 notches S. and 2 notches E. edges	
	Land level,	
	Soil, hard clay 3rd rate	
	Undergrowth greasewood in 80. chs.	
	East, on a random line, bet. secs. 14 and 23.	79.66
	Va 16°20' E.	
	Over nearly level, land, through brush.	
40.00	Set a temporary 1/4 sec. cor.	
53.50	Top of low ridge course N. and S.	
79.66	Intersect N. and S. line 18 lks.	

BOOK-A-180

Chains.	
	S. of the Cor. to Secs. 13, 14, 23 & 24.
	Thence I run
	S. 89° 05' 52" W. on a true line, bet. Secs. 14 and 23.
39.83	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 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 stake 2 ft. long 2 ins. square, 12 ins. in ground marked 1/4 S. on N. face.
79.66	The Cor. to Secs. 14, 15, 22 and 23.
	Land nearly level, Soil sandy and mixed with clay 2nd and 3rd rate.
	Undergrowth, greasewood on 79.66 Chs.

Subdivision T. 18 S., R. 19 W.

Chains. – North, bet. Secs. 14 and 15.
Va. 16° 20' E.

Over level land, Thoughbrush.

40.00 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 stake 2 ft. long 2 ins. square, 12 ins. in ground, marked ¼ S. on W. face.

80.00 Deposited a quart of charcoal, 12 ins. in ground for the cor. to Secs. 10, 11, 14 and 15, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. raised a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit drove a stake 2 ft.

Chains.
40.00
80.06

Salt Lake Meridian.

Chains. long 2 ins. square, 12 ins. in ground marked T. 18 S. 11 on N.E., R. 19 W. 14 on S.E., S. 15 on S.W. and S. 10 on N.W. faces. and 4 notches S and 2 notches E. edges.

Land nearly level

Soil, mixed with sand 2nd rate

Undergrowth greasewood on 80 chs.

East, on a random line bet. Secs. 11 and 14

Va. 16°20' E.

Over nearly level ground through brush.

40.00 Set a temporary 1/4 Sec. Cor.

80.06 Intersect N. and S. line, 50 lks. S. of the Cor. to Secs. 11, 12, 13 & 14

Thence S. mn.

S. 89°39' W. on a true line,

Subdivisions T. 18 S. R. 19 W.

Chains.	
	bet. secs. 11 and 14. with same Va
40.03	Deposited a quart of charcoal 12 ins. in ground for ¼ sec. cor. dug pits 18x18x12 ins. E. and W. of cor. 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 ground, marked "4 S. on N. face.
80.06	The cor. to secs 10, 11, 14 and 15. Land nearly level, soil sandy loam 2nd rate Undergrowth greasewood on 80.06 chs.
	North. bet. secs. 10 and 11 Va 16°20' E.
T	Over nearly level land
40.00	Deposited a quart of charcoal

BOOK-A-180

Chains. 12 ins. in ground for 1/4 Sec. Cor.
dug pits 18X18X12 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 stake
2 ft. long 2 ins. square, 12 ins. in
ground, marked 1/4 S on W. face.
80.00 Deposited a quart of Charcoal
12 ins. in ground, for the cor. to
secs. 2, 3, 10 and 11, dug pits 18X18X
12 ins. ~~in each sec.~~ 5 1/2 ft. dist.
raised a mound of earth 2
ft. high, 4 1/2 ft. base over it.
In S.E. pit drove stake 2
ft. long 2 ins. square, marked
T. 18 S. 2 on N.E.
R. 1 W. S. 11 on S.E.
S. 10 on S.W. and
S. 3 on N.W. faces, with 5 notches
S. and 2 notches E. edges.

Subdivisions Township 18 S. R.

Chains	
	Land level, soil 2nd and 3rd rate
	No timber
	Undergrowth on 80. chs. 80.00 chs.
	East, on a random line, bet. secs 2 and 11.
	Va. 16°20' E.
	Over small knolls and through greasewood
40.00	Set a temporary ¼ sec. cor.
76.00	Road Course N. 60° W. and S. 60° E.
80.60	Intersect E. boundary of the township 50 lks. N. of the cor. to secs. 1, 2, 11 and 12. Thence I run N. 89° 38' W. on a tine line, bet. secs 2 and 11. with same Va.
40.30	Deposited a quart of charcoal 12 ins. in ground for ¼ sec. C. dug pits 18 x 18 x 12 ins E. and W. of cor. and raised a mound of

19 W. Salt Lake Meridian

Chains

Earth 1½ ft. high 3½ ft. base over it. In a pit drove, Stake 2 ft. long. 2 ins square, 12 ins. in ground, marked ¼ S on N. face.

80.60 The cor.ts Secs. 2, 3, 10 and 11.

Land Knolly.

Soil mixed with gravel 3rd rate.

Undergrowth greasewood on 8260 chs.

North, on a random line, bet. Secs. 2 and 3.

Va 16° 20' E.

Over nearly level ground, through brush

40.00 Set a temporary ¼ sec. cor.

80.50 Intersect N. boundary of township at 40 lks. E. of the

1	Chains	cor. to Secs. 2, 3, 34 and 35, which is a quart of charcoal 12 ins. in ground, pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist. and a mound of earth 2 ft. high 4½ ft. base over it. In S. E. pit a stake 2 ft. long 2 ins. square, 12 ins. in ground, marked, T. 17 S. S 35 on N. E. R. 19 W. S 2 on S. E. T. 18 S S 3 on S. W. and S. 34 on N. W. faces with 2 notches E. and 4 notches W. edges. Thence I run S. 22' E. on a true line, bet. Secs. 2 and 3. with same No.	Chains.
4050	Deposited a quart of charcoal 12 ins. in the ground, for ¼ Sec. cor. dug pits 18 X 18 X 12 ins. N. and S. of cor. 5½ ft. dist. and	80.50

Salt Lake Meridian.

chains. raised a mound of earth 1½ ft. high 3½ ft. base over it. Dug N. pit drove stake 2 ft. long 2 inch. square, 12 ins. in ground, marked "4 S. on W. face.

80.50 The cor. to Secs. 2, 3, 10 and 11.
Land nearly level,
Soil 2nd and 3rd rate
Undergrowth greasewood on
80.50 Chs.
February 6" 1882.

Subdivisions T. 18 S. R. 19 W.

Chains.		Chains.
	From the cor. to secs. 3, 4, 33 & 34 on S. boundary of Township, which is a quart. of Charcoal 12 ins. in ground, pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist., and a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit a stake 2 ft. ~~high~~ long 2 ins. square, 12 ins. in ground, marked T. 18 S. S. 3 4 on N. E., R. 19 W. S. 3 on S. E., T. 19 S. S. 4 on S.W. and S. 33 on N.W. faces, with 3 notches on E. and W. edges. I run	40.00
	North bet. secs. 33 & 34 N. 16° 20' E.	80.00
	Over nearly level ground through brush.	

Chains.	
40.00	Deposited a quart of char=coal 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 2 ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. square, 12 ins. in ground, marked ¼ on W. face.
80.00	Deposited a quart of char=coal 12 ins. in ground for the cor. to secs. 27, 28, 33 and 34. 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,

Subdivision T. 18 S. R. 19 W.

Chains	
	T. 18 S. S 27 on N. E.
	R. 19 W. S. 34 on S. E.
	S. 33 on S. W. and
	S. 28 on N. W. faces, with 1
	notch S. and 3 notches E. edges.
	Land level,
	soil, mixed with sand, clay
	and gravil 2nd rate.
	Undergrowth greasewood on
	80. chains.
	East, on a random line,
	bet. secs. 27 and 34.
	Va. 16° 20' E.
40.00	Set a temporary 1/4 sec. cor.
80.00	Intersect N. & S. line 24 lks. N.
	of the cor. to secs. 26, 27, 34 and 35.
	Thence Fann
	N. 89° 50' W. on a true line,

Salt Lake Meridian.

Chains
40.00 bet. Secs. 27 and 34, with same Va.
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 cor., 5 1/2 ft. diet. and
raised a mound of earth 1 1/2 ft.
high, 3 1/2 ft. base over it. In
E. pit drove stake 2 ft. long 2
ins. square, 12 ins. in ground,
marked 1/4 S. on N. face.
80.00 The cor. to Secs. 27, 28, 33 and 34.
Land nearly,
Soil ~~sandy~~ and mixed
with gravel 2nd rate.
Undergrowth greasewood on 80 chs.

North, bet. Secs. 27 and 28.
Va. 16° 20' E.
Over level, land, through brush

Chains.

40.00 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 2 ins. square, 12 ins. in ground, marked ¼ S. on W. face.

80.00 Deposited a quart of charcoal 12 ins. in ground, for cor. to secs. 21, 22, 27 & 28. dug pits 18 X 18 X 12 ins in each sec. 5½ ft. dist., raised a mound of earth 2 ft. high 4½ ft. base over it. In N.E. pit drove stake 2 ft. long 2 ins. square, 12 ins in ground,

Chains.

40.00

72.14

Salt Lake Meridian.

Chains. marked T. 18 S. S 22 on N. E.
R. 19 W. S. 27 on S. E.
S. 28 on S. W. and
S. 21 on N. W. faces, with 2
notches S. and 3 notches E. cages.
Land nearly level,
Soil, sandy and clay loam.
1st and 2nd rate.
Undergrowth greasewood, rabbit
brush and sage brush. on 80 chs

East, on a random line, bet.
Secs. 22 and 27.
Va. 16°20' E.
Over nearly level land,
through brush.
40.00 Set a temporary ¼ sec. cor.
72.14 Wash 2 ft. deep 20 lks wide
course N

Chains.	
79.88	Intersect N. and S. line, 42 chs. N. of the cor. to secs. 22, 23, 26 and 27. Thence I run N. 89°42' W. on a true line bet. secs. 22 and 27, with same va
39.94	Deposited a quart of charcoal 12 ins. in ground for 1/4 sec. cor., dug pits 18x18x12 ins. E. and W. of cor. 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 ground, marked 1/4 S. on N. face.
79.88	The cor. to secs. 21, 22, 27 and 28. Land nearly level, soil sandy loam 2nd rate. Undergrowth greasewood on 79.88 chs.

BOOK-

Chains.
20.00
65.50
39.50
40.00
39.88

Salt Lake Meridian.

Chains.	
	North, bet. secs. 21 and 22. Va 16°20' E.
	Over nearly level ground, through brush.
2.00	A small cottonwood.
35.50	Leave greasewood and enter willows. course N. E. & S. W.
39.50	Dry bed of Mill creek 10 lks. wide course N. E. and S. W.
40.00	Deposited a quart of charcoal 12 ins in ground, for 1/4 sec. cor. dug pits 18X18X12 ins N. and S. 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 stake 2 ft long 2 ins square, 12 ins. in ground, marked 1/4 S on W. face
80.00	Deposited a quart of charcoal 12 ins. in ground for the

Subdivisions, T. 18 S. R. 19 W.

Chains.		Chains
	cor. to Secs. 15, 16, 21 and 22, dug pits 18 X 18 X 12 ins. in each sec. 5½ dist, and raised a mound 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 T. 18 S 15 on N. E. R 19 W. S. 22 on S. E. S 21 on S. W. and S. 16 N. W. faces. with ℄ 3 notches on S. and E. edges.	20.00 28.60 33.80 40.00 79.34
	Land nearly level soil 1st rate	
	Undergrowth, willows, greasewood, rabbit brush, and sage brush on 80 chs.	39.67
	East, on a random line bet. Secs. 15 and 22.	

Salt Lake Meridian.

6 chains.	Va. 16° 20' E.
	Over nearly level ground and through brush.
20.00	Leave Willows, and enter grease wood
28.60	A wash, 5 ft. deep 10 lks. wide course N.
33.80	A wash 5 ft. deep 8 lks. wide, course N.
40.00	Set a temporary ¼ sec. cor.
79.34	Intersect N. and S. line 25 lks. S. of cor. to Secs. 14, 15, 22 and 23. Thence I run S. 89° 49' W. on a true line, bet. secs 15 and 22, with same Va
39.67	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

Chains		Chains
	ft. high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. square 12 ins. in ground, marked 14 S. on N. face.	
79.34	The cor. to Secs. 15, 16, 21 and 22. Land nearly level, Soil, sandy and rich loam 1st and 2nd " rate Undergrowth greasewood rabbit brush, and willows on 79.34 chs.	80.00
	North, bet. Secs. 15 and 16. Va. 16° 20' E. Over nearly level ground, through brush.	
1.80	Leave willows, and enter greasewood course E. and W.	
40.00	Deposited a quart of charcoal 12 ins. in ground, for ¼ Sec. Cor., dug pits 18 x 18 x 12 ins.	

Salt Lake Meridian.

6 chains. N. and S. 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 "4 S. on W. face

80.00 Deposited a quart of charcoal 12 ins. in ground for the cor. to secs. 9, 10, 15, and 16, dug pits 18X18X12.

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 stake 2 ft. long 2 ins. square, 12 ins in ground marked T. 18 S. S 10 on N. E. R. 19 W. S. 15 on S. E. S. 16 on S. W. and S. 9 on N. W. faces, with 4 notches S. and 3 notches E. edges.

Subdivisions 18 S. R. 19 W.

Chains.		Chain
	Land nearly level.	
	Soil 1st and 2nd rate.	
	Undergrowth greasewood, rabbit brush and willows on 80. chs.	
		79.80
	East, on a random line, bet. Secs. 10 and 15.	
	Va. 16°20' E.	
	Over level ground through brush.	
40.00	Set a temporary 1/4 sec. cor.	
79.80	Intersect N. and S. at the cor. to secs. 10, 11, 14 and 15. Thence	
	Run	
	West, on a true line, bet. secs. 10 and 15. with same Va.	40.00
39.90	Deposited a quart of charcoal, 12 ins. in ground, dug pits 18 X 18 X 12 ins. E. and W. of cor. 5 1/2 ft. dist. and	

Salt Lake Meridian.

Chains.	
	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 ground, marked "4 S on N. face.
79.80	The cor. to Secs. 9, 10, 15, and 16
	Land level, soil, 2nd and 3rd rate. Undergrowth, rabbit brush and greasewood, on 79.80 chs.
	North bet Secs. 9 and 10. Va. 16° 20' E.
	Over level land through brush.
40.00	Deposited a quart of charcoal 12 ins. in ground, for 4 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.

Chains.		Chains
	high 3½ ft. base, over it. On N. pit drove stake 2 ft. long 2 ins. square 12 ins. in ground marked ¼ S on W. face.	
80.00	Deposited a quart of charcoal 12 ins. in ground for cor. to Secs. 3, 4, 9 and 10, dug pits 18X18X12 ins. in each Sec., 5½ ft. dist., raised a mound of	20.00
	earth 2 ft. high 4½ ft. base	40.00
	over it. On S.E. pit drove,	59.00
	stake 2 ft. long 2 ins. square	79.96
	12 ins. in ground, marked T.18 S. S. 3 on N.E. R.19 W. S. 10 on S. E. S. 9 on S.W. and S 4 on N.W. faces. with 5 notches S. and 3 notches E. edges.	39.98
	Land, level	
	Soil, sandy loam 2nd rate	

Salt Lake Meridian.

Chains.	
	Undergrowth, rabbit brush and greasewood on 80 chs.
	East, on a random line, bet. Secs. 3 and 10.
	Va 16° 20' E.
	Over level ground, through brush.
20.00	Leave brush course N. and S.
40.00	Set a temporary 1/4 Sec. Cor.
59.00	Enter greasewood course N. and S.
79.96	Intersect N. and S. line, 70 lks. S. of the cor. to Secs. 2, 3, 10 and 11.
	Thence I run
	S. 89° 30' W. on a true line, bet. Secs. 3 and 10. with same Va.
39.98	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 Cor. 5 1/2 ft. dist. and

Chains.		Chains
	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.	
79.96	The cor. to secs 3 4. 9 and 10.	
	Land Level,	
	Soil 2nd rate.	
	Undergrowth greasewood and rabbit brush on 40.96 chs.	
—	North, on a random line, bet. secs. 3 and 4.	
	Va 16° 20' E.	
	Over level ground, through brush.	40.60
40.00	Set a temporary ¼ Sec cor.	
80.60	Intersect N. boundary of the Township at the cor. to secs.	

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Chains 3, 4, 33 and 34, which is a quart of charcoal, 12 ins in ground, pits 18 X 18 X 12, ins. in each sec. 5½ ft. dist., and a mound of earth 2 ft. high 4½ ft. base over it. In S. E. pit a stake 2 ft. long 2 ins. square, 12 ins. in ground, marked T. 17 S 34 on N. E. R. 19 W. S. 3 on S. E. T. 18 S. S 4 on S. W. and S. 33 on N. W. faces, with 3 notches E. and W. edges.

Thence I run

South on a true line bet secs. 2 3 and 4 3 4 with same Va[illegible]

40.60 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.

Subdivisions T. 18 S. R. 19 W.

Chains		Chains
	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 "4 S on W. face.	
80.60	The cor. to secs. 3, 4, 9 and 10. Land nearly level, Soil 2nd, and 3d rate. Undergrowth, greasewood and rabbit brush on 80.60 chs. February 1st 1882	
		22.50

Salt Lake Meridian.

Chains	From the cor. to Secs. 4, 5, 32 and 33. on the S. boundary of the township, which is a quart of charcoal 12 ins. in ground, pits 18X18X12 ins. in each sec. 5½ ft. dist. a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit a stake 2 ft. long 2 ins. square, 12 ins. in ground, marked ~~T.18~~ S. S 33 on N.E., R.19 W. S. 4 on S.E., T.19 S. 5 on S.W. and S.32 on N.W. faces, with 4 notches E. and 1 notch W. edges. I run. North between Secs. 32 and 33. Va 16° 20' E. Over nearly level ground and through brush.
22.50	Top of ridge, about 10 ft. high

Subdivisions T. 18 S. R. 19 W.

Chains.	Course E. and W.
40.00	Deposited a marked stone 12 ins. in ground for 1/4 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 stake 2 ft. long 2 ins. square, 12 ins. in ground marked 1/4 S. on W. face.
62.25	Wash 2 ft. deep 25 lks. wide, course E.
80.00	Deposited a quart of charcoal 12 ins. in ground, for the cor. to Secs. 28, 29, 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, 3½ ft. base over it. In S.E. pit drove stake 2 ft. long

Chains

40.00

80.24

Salt Lake Meridian.

Chains 2 ins. square, 12 ins. in ground
marked T. 18 S. S. 28 on N. E.
R. 19 W. S. 33 on S. E.
S. 32 on S. W. and
S. 29 on N. W. faces, with 1
notch S. and 4 notches E. edge
Land nearly level, soil mix
ed with gravel 2nd & 3rd rate.
Undergrowth greasewood on 80. chs.

East on a random line,
bet. secs. 28 & 33,
Va 16°20' E.
Over nearly level land, through
brush.
40.00 Set a temporary 1/4 sec. cor.
80.24 Intersect N. and S. line, at. 24
lks. S. of the cor. to secs. 27, 28, 33,
& 34. Thence Run

Subdivisions T. 18 S. R. 19 W.

Chains.		Chains.
	S. 89°49' W. on a true line bet.	
	Secs. 28. and 33. with same Va	
40.12	Deposited a quart of charcoal	15.50
	12 ins. in ground for 1/4 sec. cor.,	
	dug pits 18 X 18 X 12 ins. E. and W.	28.00
	of cor. 5½ ft. dist., and raised a	40.00
	mound of earth 1½ ft. high	
	9½ ft. base over it. In E. pit	
	drove stake 2 ft. long 2 ins.	
	square 12 ins. in ground,	
	marked "4 S. on N. face.	
80.24	The cor. to Secs. 28, 29, 32 & 33.	
	Land level; soil mixed with	
	Clay and some gravel 2nd rate,	70.50
	undergrowth greasewood and	
	rabbit brush on 80.24 chs.	
		80.00
	North, between Secs. 28 and 29	
	Va. 16° 20' E.	

Salt Lake Meridian.

Chains.	
	Over gently rolling ground and through brush.
15.50	Wash 20 lks. wide 3 ft. deep course E
28.00	Wash 50 lks. wide 3½ ft. deep course E
40.00	Deposited a marked stone 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 3½ ft. base over it. On N. pit drove a stake 2 ft long 2 ins. square 12 ins. in ground, marked ¼ S on W. face.
70.50	Dry bed of Mill creek 50 lks. wide 6 ft. deep course N. 60° E (The water is frozen above and does not now run to this point)
80.00	Deposited a marked stone 12 ins. in ground, for the cor. to sec. 20, 21, 28 and 29. dug pits

Chains.		Chains.
	18 X 18 X 12 ins. in each sec. 5½ p. 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. 18 S. 21 on N.E., R. 19 W. S. 28 S.E., S. 29 S.W., and S. 20 N.W. faces, with 2 notches, S. and 4 notches E. edges.	4.40 44.00 51.50 79.86
	Land gently rolling, soil mixed with clay and gravel, 2nd and 3rd rate. Undergrowth greasewood on 80 ch.	39.93
	East, on a random line, bet. sec. 21 and 28. Va. 16° 20' E. Over level ground, through	

BOOK-A-180

Chains.	
	brush,
4.40	Wash or bed of creek 2 ft. deep 20 lks wide course N. E. and enter brush willows & sage
40.00	Set a temporary 1/4 sec. cor.,
57.50	Leave willows and enter greasewood
79.86	Intersect N. and S. line, 9 lks. W. of the cor. to secs. 21. 22. 27 and 28. Thence I run N. 89° 56' W. on a true line, bet. secs. 21 and 28. with some Va.
39.93	Deposited a quart, of charcoal 12 ins. in ground for 1/4 sec. cor. dug pits 18X18X12 ins E. and W. of cor. 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 ground, marked, 1/4 S on N. face

Chains.		Chains.
	798	
79.86	The cor. to Secs. 21, 22, 28 and 27.	
	Land nearly level, soil rich	80.00
	loam and gravely, 1st and 2nd rate.	
	Undergrowth willows, sage	
	brush, rabbit brush and greasewood on 79.86 Chains.	
	North between Secs. 20 and 21.	
	Va. 16° 20' E.	
	Over gently rolling ground, and	
	through brush.	
40.00	Deposited a marked stone 12	
	ins. in ground for 1/4 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 2	

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Chains. ins. square, 12 ins. in ground,
marked "4 S on W. face.
80.00 Deposited a marked stone 12 ins
in ground for the cor. to Secs. 16,
17, 20 and 21, 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 stake 2 ft. long 2 ins.
square, 12 ins. in ground,
marked T. 18 S. 16 on N. E.,
R. 19 W. S. 21 on S. E.,
S. 20 on S. W. and
S. 17 on N. W. faces, with 3
notches S. and 4 notches E. edges.
Land gently rolling, soil mix-
ed with gravel 2nd and 3rd rate
Dense brush on Sections.

East, on a random line, bet. Secs.

Chains		Chains
	16 and 21.	
	Va. 16°20' E.	
	Over nearly level ground, through brush.	79.40
15.85	Wash 1 ft. deep 10 lks. wide course N.	
40.00	Set a temporary 1/4 sec. cor.	
73.00	Leave greasewoods and enter Willows course N. and S.	
79.40	Intersect N. and S. line 12 lks. S. of the cor. to secs. 15, 16, 21 and 22. Thence I run S. 89°55' W. on a true line, bet. secs. 16 and 21 with same Va.	
39.70	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 cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 4 ft. base over it. In E. pit	17.50
		19.25
		40.00

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Salt Lake Meridian.

Chains. drove a stake 2 ft. long 2 ins. square, 12 ins. in ground, marked "4 S. on N. face.

79.40 The cor. to secs. 16, 17, 20 and 21.

Land nearly level,

Soil, mixed with sand and clay and rich loam 1st and 3rd rate

Undergrowth greasewood, rabbit brush, and willows on 79.40 chs.

North bet. secs. 16 and 17

Va. 16°20' E.

Over nearly level land and through brush.

17.50 Wash 20 lks. wide. 2½ ft. deep, course N. to

19.25 Top of sand ridge 4 ft. high 2 chs. long course E. and W.

40.00 Deposited a marked stone 1½ ins.

Chains.		Chains.
	in 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 3 1/2 ft. high 4 1/2 ft. base over it. In N. pit drove stake 2 ft. long 2 ins. square, 12 ins. in ground, marked 1/4 S on W. face.	
80.00	Deposited a marked stone 12 ins. in ground for cor. to Secs. 8, 9, 16 and 17. 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. In S. E. pit drove stake 2 ft. long 2 ins. square 12 ins. in ground, marked. T. 18 S. 9 on N. E. R. 19 W. S. 16 on S. E. S. 17 on S. W. and	40.00 79.80

Chains. S. 88 on N. W. faces, with 7 notches on S. and E. edges.
Land, gently rolling over sand knoll.
Soil, mixed with sand and clay 2nd and 3rd rate.
Undergrowth greasewood and cab bit brush on 80 chs.

East on a random line, bet. Secs. 9 and 16.
Va. 16°20' E.
Over nearly level, ground, Through brush
40.00 Set a temporary ¼ sec. cor.
79.80 Intersect N. 40 S. line at cor. to Secs. 9, 10, 15 and 16, Thence Same West, on a true line bet Secs. 9 & 16 With same Va.

Chains.		Chains
39.90	Deposited a quart of charcoal 12 ins. in ground, for 1/4 sec. cor., dug pits 18X18X12 ins E. and W. of Cor. 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 ground, marked 1/4 S on N. face.	40.00
79.80	The cor. to secs. 8, 9, 16 and 17.	80.00
	Land level.	
	Soil, clay 3rd rate.	
	Undergrowth greasewood and rabbit brush on 79.80 chs.	
	February 8th 1882.	
	North bet. secs. 8 and 9.	
	Va. 16°20' E.	
	Land gently rolling. Through brush.	

Salt Lake Meridian.

Chains.

40.00 Deposited a marked stone 12 ins. in ground for 1/4 Sec. Cor. dug pits 18X18X12 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 S. on W. face.

80.00 Deposited a marked stone 12 ins. in ground for the cor. to Secs. 4, 5, 8, and 9. dug pits. 18X18X12 ins. in each Sec. 5 1/2 ft. dist. raised a mound of earth 2 ft. long 2 ins. square, 12 ins in ground, marked T. 18 S. S 4 on N. E., R. 19 W. S. 9 on S. E., S. 8 on S. W. faces, with 5 notches S. and 4 notches E. edges.

Land, gently rolling
Undergrowth greasewood and rabbit brush on 80.00 chs.

Chains	
	East, on a random line, bet. Secs. 4 and 9
	Va 16°20' E
	Over level land, through brush.
40.00	Set a temporary 1/4 sec cor.
45.00	Leave brush course E and W.
79.98	Intersect N. and S. line 14 lks S. of the cor. to secs. 3, 4, 9 and 10.
	Thence I run
	S. 89°53' W. on a true line, bet. Secs. 4 and 9. with same Va
39.99	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 cor. 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 ground,

Chains
79.98
40.00
80.60

Salt Lake Meridian

Chains	
	marked "4 S. on N. face
79.98	The cor. to secs. 4, 5, 8 and 9.
	Land level,
	soil, rich loam and sandy,
	1st and 2nd rate.
	Undergrowth greasewood and
	rabbit brush on 45 chs.
	North on a random line,
	bet. secs 4 and 5.
	Va. 16° 20' East.
	Over level land, through brush.
40.00	Set a temporary "4 sec. cor.
80.60	Intersect N. boundary of town=
	ship 18 lks. E. of the cor. to secs.
	4, 5, 32 and 33. which is a
	quart of charcoal 12 in in
	ground, pits 18X18X12 ins. in
	each sec. 5½ ft. dist. and a

Subdivisions T. 18 S. R. 19 W.

Chains	
	mound of earth 2½ ft. high 4 ft. base over it. In S. E. pit a stake 2 ft. long 2 ins. square 12 ins. in ground, marked T. 17 S. S 33 on N. E., R. 19 W. S. 4 on S. E., T. 18 S. S 5 on S. W., and S. 32 on N. W. faces, with 4 notches E. and 2 notches W. edges. Thence I run S 8° E. on a true line bet. secs. 4 and 5 with same Va
40.60	Deposited a quart of char. coal 12 ins. in ground for ¼ sec. cor., dug pits 18×18×12 ins. N. and S. of cor. 5½ ft. dist. 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.

Chains	
	in ground, marked 1/4 S on W. face.
80.60	The cor. to secs. 4, 5, 8 and 9
	Land level,
	Soil, mixed with Sand and Clay 1st and 2nd rate.
	Dense brush on 80.60 chs
	From cor. to secs 5, 6, 31, and 32. on the S. boundary of the township, which is a quartzite stone 20 X 10 X 6 ins. firmly set in the ground, with 5 notches E. and 1 notch W. edge. and a mound of earth and stone along side. I run North, bet. secs. 31 and 32.
	Va. 16° 20' E.
	Over gently rolling bench
10.00	Top of a bench, bears N.E and

Subdivisions T. 18 S. R. 19 W.

Chains.	S.W.
13.00	Top of bench about 50 ft. above corner, this is S. bank of a natural reservoir, descend
15.50	Foot of bench about 10 ft. below top and across hard pan flat.
25.00	Leave flat and ascend
28.00	N. side of natural reservoir of about 30 acres course N.W. and S.E.
29.25	Road course N. 10° E. and S. 10°
40.00	Set a flint stone 14X8X6 ins. 9 ins in ground for 1/4 Sec. cor., dug pits 18X18X12 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.
47.90	Intersection of roads, course N. 15° E and S. 15° W. and S. 15° E.

Chains.
62.00
80.00

Salt Lake Meridian

Chains.	
62.00	Wash, 25 lks. wide 3 ft. deep course E
80.00	Set a flint stone, 16 X 8 X 7 ins. 10 ins. in ground for the cor. to secs. 29, 30, 31 and 32., marked 1 notch S. and 5 notches E. edges. and raised a mound of earth and stone along side
	Land gently rolling and sloping bench.
	Soil mixed with gravel 2nd and 3rd C. rate.
	No timber

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

Va 16° 20' E.

Descend gently sloping bench.

Chains		Chains
11.00	Road from Salt marsh to Pioche course N. 20° E. and S. 20° W.	
40.00	Set a temporary ¼ sec. cor.	
42.00	Enter greasewood course N. and S.	80.00
63.00	Wash, 18 lks. wide & ft. deep course N. 80° E.	
65.50	Same wash S. 80° E.	
71.50	Same wash course N. 80° E.	
80.00	Intersect N. and S. line, at 20 lks. S. of the cor. to Secs. 28, 29, 32 and 33. Thence I run S. 89° 51' W. on a true line, between Secs. 29 and 32. With same Va.	
40.00	Set a lime Stone, 14 X 8 X 6 ins. 9 ins. in ground for ¼ sec. cor., marked ¼ on N. face, dug	40.00

Salt Lake Meridian.

Chains. pits 18X18X12 ins E & W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high 3½ ft. base along side

80.00 The cor. to Secs. 29, 30 31 and 32.

Land gently descending to E.

Soil mixed with gravel 2nd & 3rd rate.

Undergrowth greasewood on 38 chs.

West, on a random line, bet Secs. 30 and 31.

Va. 16°20' E.

Ascend gently sloping bench.

40.00 Set a temporary ¼ sec cor

0.00 Intersect the W. boundary of the township at 10 lks. S.

Chains		Chains
	of the cor. to Secs. 25, 30, 31, and 36, which is a flint stone 18 X 9 X 8 ins., 12 ins. in ground, marked 1 notch S. and 5 notches W edges, with mound of earth & stone along side. Thence I run S. 89° 56' E. on a true line, bet. Secs. 30 and 31. with same No.	40.00
40.00	Set a flint stone, 16 X 8 X 7 ins. 11 ins. in 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 over it.	53.30
		54.15
		74.35
80.00	The cor. to Secs. 29, 30, 31 & 32	80.00
	Land, bench descends E.	
	Soil, mixed with gravel 2nd C. and 3rd rate	
	No timber	

Salt Lake Meridian.

Chains.	
	North bet. Secs. 29 and 30. Va. 16°20' E.
	Over, smooth bench descending gently toward E.
40.00	Set a flint stone 15 X 7 X 6 ins. 10 ins. in ground, for 1/4 sec. cor., marked 1/4 on W. face and raised a mound of earth and stone along side.
53.30	Road from Salt Marsh to Pioche course N. 30° E. and S. 30° W.
54.15	Wash 40 lks. wide 3 ft. deep, course N. 30° E.
74.35	Wash 30 lks. wide 3 1/2 ft. deep course E.
328.00	Set a flint stone 16 X 9 X 6 ins. 11 ins. in ground for the cor. to Secs. 19, 20, 29 and 30, marked 2 notches S. and 5

Chains.	
	notches E. edges. and raised a mound of earth and stone ~~along~~ along side.
70.05	Land gently sloping to E. Soil, mixed with gravel 2nd C. and 3rd rate. No timber.
	East, on a random line, bet. secs. 20 and 29. Va. 16° 20' E.
60.10	Over bench, descends gently
26.50	Road, from Salt Marsh to Rockville
40.00	Set a temporary 1/4 Sec. cor.
52.00	Enter greasewood at ft. of bench course N. and S.
60.10	Intersect N. and S. line, 10 lks. S. of the cor. to secs. 20, 21, 28 and 29. Thence S. mm

Salt Lake Meridian.

Chains. S. 89°56' W. on a true line, bet. secs. 20 and 29, with same Va.

40.05 Set a flint stone 14 X 7 X 6 ins. 9 ins. in ground for ¼ sec. cor. marked ¼ on N. face. and 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 along side.

80.10 The cor. to secs. 19, 20, 29 & 30

Land descending to E. soil mixed with gravel 2nd rate. Undergrowth greasewood on 27.50 chs.

West, on a random line, bet. secs 19 and 30

Va 16°20' E.

Ascend gently sloping bench

Chains	
33.50	Wash. 3 ft. deep 30 lks. wide course N. E.
40.00	Set a temporary ¼ Sec. Cor.
80.20	Intersect the W. boundary of the township at 28 lks. S. of the cor. to Secs. 19, 24, 25 & 30 which is a flint stone 18 X 9 X 8 ins., 12 ins. in ground, marked 2 notches S. and 4 notches N. edges. with a mound of earth and Stone along side. Thence I run S. 89°48' W. on a true line bet. Secs. 19 and 30. with same Vi
40.20	Set a flint stone 15 X 7 X 6 ins. 10 ins. in ground for ¼ Sec. Cor., marked ¼ on N. face, and raised a mound of earth and Stone along side.

Salt Lake Meridian.

Chains.	
	Land, bench slopes to East. soil, mixed with gravel 2nd and 3rd rate.
	North bet. Secs. 19 and 20. Va. 16°20' E.
	Over gently rolling bench.
1.50	Wash 20 lks. wide 3 ft. deep course N. 30° E.
33.50	Wash 25 lks. wide 3 ft. deep course N. 20° E.
37.00	Wash 50 lks. wide 4 ft. deep. drains E.
	Set a flint stone, 16 X 8 X 6 ins. 11 ins in ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of earth and stone alongside
38.60	Wash 20 lks. wide 3 ft. deep course E.

Subdivisions T. 16 S. & R. 19 W.

Chains	
44.00	Wash, 30 lks. wide 3 ft. deep course N. 70° E.
64.00	Wash 40 lks. wide 4 ft. deep course E.
80.00	Set a flint stone 18 X 10 X 9 in. 12 ins. in ground for the cor. to Secs. 17, 18, 19 and 20. marked 3 notches S. and 3 notches E. edges, and raised a mound of earth and stone along side.
	Land gently rolling beech soil mixed with gravel 2nd and 3rd rate.
	No timber Feb. 9th 188[illegible]
	East, on a random line, between Secs. 17 and 20.
	Va 16° 20' E.

Chains	
40.00	
42.00	
42.32	
80.00	
0.00	
0.00	

BOOK-A-180

Township 18 S. R. 20 W.

336

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

Salt Lake Meridian

Chains.	
40.00	Descend gently sloping bench
72.00	Set a temporary 1/4 Sec. cor.
42.32	Foot of bench and enter brush
80.00	Road course N. 65° E & S. 65° W.
	Intersect N. and S. line 22
	Chs. N. of the Cor. to Secs. 16, 17,
	20 and 21. Thence Run
	N. 89°49' W. on a true line, bet.
	Secs. 17 and 20 with same Va.
40.00	Set a flint stone 19 X 10 X 7
	ins. 12 ins. in ground for 1/4 Sec.
	cor. marked 1/4 on N. face, and
	raised a mound of earth and
	stone along side.
80.00	The cor. to Secs. 17, 18, 19 and 20
	Land gently rolling,
	Soil mixed with gravel and
	clay 2nd rate.
	Undergrowth, greasewood on 34 chs.

Subdivisions T. 18 S. R. 19 W.

Chains.	
	West. on a random line, bet. Secs. 18 and 19. Va. 16° 20' E.
	Over ascending bench.
40.00	Set a temporary ¼ sec. cor.
72.30	Wash 3 ft. deep 75 lks. wide. Course S. 80° E.
80.06	Intersect W. boundary of the ship at 30 lks. N. of the cor. to Secs. 13, 18, 19 and 24. where is a flint stone 20 X 11 X 8 ins. 15 ins. in ground, marked 3 notches on N. and S. edges and a mound of earth and stone along side. Thence N. 89° 47' W. on a true line Secs. 18 and 19
40.06	Set a flint stone 16 X 8 X 11 ins. in ground, for ¼ sec. marked ¼ on N. face.

raised a mound of earth and
stone along side.
The cor. to Secs. 17, 18, 19 and 20.
Land bench, slopes E.
Soil, mixed with gravel Slate,
No Timber

North. bet. Secs. 17 and 18.
Var. 16° 20' E.
Over gently rolling bench
Foot of bench ascend
Top of same about 15 ft. high
course E. and W.
Set a flint stone 17 X 9 X 8 ins.
11 ins. in ground for 1/4 Sec.
cor. marked 1/4 on W. face.
and raised a mound of
earth and Stone, along side
Wash 30 lks. wide 3½ ft. deep

Subdivisions T. 18 S., R. 19 W.

Chains.	Course E.	Chains.
80.00	Set a flint stone 16 X 9 X 8 ins.	68.17
	ins. in ground, for the cor.	80.00
	Secs. 7, 8, 17 and 18. marked 4	
	notches S. and 5 notches E.	
	and raised a mound of earth	
	stone along side.	
	Land quite rolling be	40.00
	soil mixed with rock and	
	gravel 3rd and 4th rate.	
	No timber	
		80.00
	East, on a random line,	
	bet. Secs. 8 and 17.	
	Var. 16° 20'	
	Over nearly level ground	
21.00	Enter brush course E. and	
40.00	Set a temporary 1/4 Sec. Cor,	
48.50	Wash 60 lks. wide 6 ft. deep	

Salt Lake Meridian.

Chains.	
	N. 80° E.
68.17	Road course N. 10° E. and S. 10° W.
80.00	Intersect N. and S. line, 50 lks N. of the cor. to Secs. 8, 9, 16 and 17.
	Thence True
	N. 89° 38' W. on a true line bet. Secs. 8 and 17. with same Va.
40.00	Set a lime stone 16 X 8 X 7 ins. 11 ins. in ground for 1/4 Sec. cor., marked 1/4 on N. face and raised a mound of earth and stone along side.
80.00	The cor. to Secs. 7, 8, 17 and 18.

Land slopes gently toward E. Soil mixed with gravel & clay 2nd and 3rd rate. Undergrowth greasewood on 1/4 chs.

Subdivision Township 18 S. R. 19 W.

Chains.		Chains.
	West, on a random line, bet. Secs. 7 and 18	
	Va. 16° 20' E.	80.18
	Ascend bench.	
2.50	Wash 4 ft. deep 20 lks. wide	
	course N. 60° E.	
40.00	Set a temporary 1/4 sec. cor.	
80.18	Intersect the W. boundary of the Township at 28 lks. N. of the ~~cor.~~ to Secs. 7, 12, 13 and 18, which is a flint stone 18x14x12 ins. firmly set in the ground, marked 4 notches S. and 2 notches N. Edge with a mound of stone along side, Thence From	
	N. 89° 48' E. on a true line, bet. Secs. 7 and 18. with same Va.	
40.18	Set a flint stone 14x8x6 ins. 9 ins. in ground for 1/4 sec. cor. marked 4 on N. face, and	

Salt Lake Meridian.

6 chains. raised a mound of earth and stone along side.

80.18 The cor. to Secs. 7, 8, 17 and 18.

Land bench slopes E.

Soil, mixed with ~~rock~~ and gravel

2nd " and 3rd " rate.

" No timber "

North, bet. Secs. 7 and 8.

Va. 16° 20' E.

Over gently rolling ground.

5.00 Wash, 20 lks. wide 3 ft deep, course E.

37.50 Wash, 15 lks. wide 3½ ft deep, course E.

40.00 Set a lime stone 14 X 7 X 6 ins. 9 ins in ground for 1/4 Sec. cor., marked ¼ on W. face, and raised a mound of earth and stone alongside.

21344. Subdivisions T. 18 S. R. 19 W.

Chains.		Chains.
75.00	Wash 5-0 lks wide 3 ft. deep course E.	40.00
		55.00
80.00	Set a white flint stone, 24 x 10 x 9 ins. 18 ins. in ground, for the Cor. to Secs. 5.6.7 and 8. marked 5-notches on S. and E. edges, & raised a mound of earth and stone, along side.	79.90
	Land gently rolling bench, soil mixed with gravel 2nd rate	39.95
	No timber	
	East on a random line, bet. Secs. 5 and 8. Va. 16°20' E.	79.90
31.50	~~through brush~~ Road, leading to spring in N.E. ¼ Sec. 8. bears N. and S.	
35.06	Wash 30 lks. wide 2½ ft. deep.	

Salt Lake Meridian.

Chains. course S. 80° E.
40.00 Set a temporary 1/4 sec. cor.
55.00 Road from Salt Marsh to Pioche course N. 20° E and S. 20 W.
79.90 Intersect N. and S. line, 14 lks. N. of the cor. to secs. 4, 5, 8 and 9
Thence from
N. 89° 54' W. on a true line, bet. secs. 5 and 8. with same Va.
39.95 Set a lime Stone 16 X 8 X 6 ins. 11 ins in ground for 1/4 sec. cor. Marked 1/4 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 1/2 ft. high 3 1/2 ft. base alongside.
79.90 The cor. to secs. 5, 6, 7 and 8.
Land nearly level, soil 2nd rate
Underglowth greasewood
on 79.90 chs.

Subdivisions T. 18 S. R. 19 W.

Chains.	
	West, on a random line, bet. Secs. 6 and 7. Va. 4° 20' E.
	Over gently ascending gou
40.00	Set a temporary ¼ sec cor
79.80	A Point about 150 ft abov
	Last sec. cor.
	Intersect The W. boundary
	the Township at 56 Wes
	& the cor. to Secs. 6. 7. 1 and
	Which is a blue line sto
	26 X 12 X 10 ins. firmly set in
	the ground, marked 1 notch
	N. and 5 notches S. edges, wi
	a mound of Earth and Stone
	along side, Thence Iron
	S. 89° 36' East on a true line
	bet. Secs. 6 and 7. with same
39.80	Set a gray lime stone 14 X 9 X 6
	gives in ground for ¼ sec

BOOK

Chains.
79.80
5.50
5.00
79.94

Salt Lake Meridian.

Chain.	marked 4 on N. face, & raised a mound of Earth and stone along side.
79.80	The cor. to secs. 5, 6, 7 and 8. Land bench slopes E. soil mixed with gravel 2nd rate No timber
	North, on a random line, bet. secs. 5 and 6. Ve 16° 20' E.
	Over gently rolling bench
85.50	Wash 50 lks. wide 4 ft. deep drains E.
90.00	Set a temporary 1/4 sec. cor.
79.94	Intersect N. boundary 28 lks. E. of the cor. to secs. 5, 6, 31 and 32, which is a Gray lime stone 18X12X6 ins. firmly set in the

Subdivisions, T. 18 S., R. 19 W.

Chains	
	4th the ground ~~ground~~, marked 5 notches E. and 1 notch W. edges with a mound of earth and stone along side.
	Thence I run
	S. 0° 12' E.
39.94	Set a lime stone, 4 x 9 x 6 in. given ground, for 1/4 sec. marked 1/4 on W. face. and raised a mound of earth and stone along side.
79.94	The cor. to secs. 5, 6, 7 and 8

Land gently rolling bear soil mixed with gravel, 2nd and 3rd rate.

February 10th 1882

Salt Lake Meridian

General Description

This Township has a large amount of good land, is bench and Valley the soil is principally 1st and 2nd rate, and is covered with good rich grass and nearly all over with undergrowth.

There are quite a number of mountain streams running in to the Township, which would furnish water for irrigation also a natural reservoir ins. Secs 31 and 32 into which the mountain streams are being led by the applicant Mr. Ephraim C.

Ch

Western, who however
has no improvements
in the township, his
dence which he supp
was within the township
found west of it.

but his lab
and improvements indi
a bona fide intention
& settlement, and perman
improvements leading
into the township, whi
cannot be used any oth
place, proves his intent
This township would sur
a large settlement, ha
good soil and ample wa
for irrigation

Andrew J. Stewart
U.S. Deputy S

BOOK-A

U. S. SUR

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rections and

notes, and

eby aproved.

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, July 22nd *1882*

The foregoing field notes of the survey of the

Subdivisions.

wnship No. 18 S. *Range No.* 19 W.

f the Salt Lake Meridian, Utah Territory,

ecuted by Andrew J. Thomas Jr.

der his contract No. 108

he 15th *day of* June *1881*,

he month of February *1882*,

ing been critically examined, the necessary

rections and explanations made, the said

d notes, and the surveys they describe are

eby aproved.

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A-180

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REPORT: 1883

Filed 1882

Examined by John H. Crumpe.

Compared by Ed. Michaelis, J. W. Hickok

FIELD NOTES

OF THE SURVEY OF THE

Fractional

North Boundary

OF

Township No. 18 South,

Range No. 20 West,

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart, Jr.

U. S. Deputy Surveyor,

Under his Contract No. 108

Dated June 16th 1881

Survey commenced February 3d 1882

Survey completed February 3d 1882

12

NAMES AND DUTIES OF ASSISTANTS:

Shadrach M. Richardson ..... Compassman.
James N. Stewart ..... Chainman.
Joseph F. Thompson ..... Chainman.
Benjamin J. Brown ..... Chainman.
James F. Myles ..... Chainman.
Joseph R. Myles ..... Axeman.
David C. Crafts ..... Axeman.
..... Flagman.

Fractional North Boundary
BOOK-A-180 T. 18 S. R. 20 W. Salt Lake Mer.
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On the night of February 2nd 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 Febry 3d 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

I begin at the cor. to townships 17 and 18 South Ranges 19 and 20 East established by my self under my present contract.

Chains.	
	Thence I run
	West, on a true line bet.
	Secs. 1 and 36
	Va 16°20' E.
	Ascend gently sloping
	bench
4.00	Set a cobble stone 18X10X
	6 ins. 12 ins. in ground for
	1/4 sec. cor. marked 1/4 on
	N face, and raised a
	mound of earth and stone
	along side.
45.50	Intersect line between
	Utah and Nevada at
	9.60 chas. N. of post 4 in.
	square firmly set in a
	mound of earth with
on	pits. marked L. 37 on N.
140	Utah E. 142 S. N. Evad
	W. faces, at which pos

Chains. Set a Lime Stone 18X12
X 4 ins. 12 ins in ground
~~Marked~~ for Closing
Cor to Secs. 1 and 36 mark=
ed C C with 1 notch E.
and 5 notches W. Edges
and raised a mound of
Earth and Stone along side
Land bench slopes to
E
Soil mixed with gravel
2nd rate
No timber
February 3d 1882

General Description
This fractional township contains
good land in the valley
and on the benches traver=
sed by numerous mountains

streams heading in the State of Nevada. It is to some extent improved by settlers living in said State and ought to be subdivided

Andrew J. Stewart Jr.
U S Dep. Surveyor

BOOK-A-180

U. S. SURVEYOR GENERAL'S OFFICE, 358

Salt Lake City, Utah, July 22nd 1882

The foregoing field notes of the survey of the

Fractional
North Boundary

Township No. 18 S. *Range No.* 20 W.

of the Salt Lake Meridian, Utah Territory,

Executed by Andrew J. Stewart Jr.

Under his *contract No.* 108

of the 15th *day of* June 1881,

in the month of February 1882,

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

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A-180

REPORT: 1883

Filed May 5, 1882

Examined by John H. Caine

Compared by E. Michaelis & L. W. Hickok

FIELD NOTES

OF THE SURVEY OF THE

East, West

and

North boundaries

OF

Township No. 19 South

Range No. 19 West

OF THE

SALT LAKE MERIDAIN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart, Jr.

U. S. Deputy Surveyor,

Under his Contract No. 103

Dated June 15th 1881

Survey commenced January 23 1882

Survey completed January 24 1882

360

NAMES AND DUTIES OF ASSISTANTS:

Shadrach M. Richardson Compassman.

James W. Stewart Chainman.

Joseph G. Thompson Chainman.

Richard F. Brown Chainman.

James G. Myles Chainman.

Joseph R. Myles Axeman.

David C. Crafts Axeman.

Flagman.

Chains On the night of January 21 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 January 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.

I begin at the cor. to T. Ps. 19 and 20 S. Rs. 18 and 19 W., which is a blue lime stone, 18 X 12 X 8 ins. 12 ins. in ground, marked 6 notches on N. E. W. and S. edges, with a mound of earth

East Boundary
T. 19 S. R. 19 W.

Chains. and stone along side.
Thence S mm.
North, bet. Secs. 31 and 36
Va 16° 20' E.

Ascend

19.00 To point from which a knoll about 60 ft high bears W. about 5 chs. dist., ascend mountain

40.00 Set a lime stone, 18 X 14 X 8 ins. 12 ins. in ground, for 1/4 sec. cor., marked 1/4 on W. face, and raised a mound of earth 1½ ft. high 3½ ft. base along side in mouth of canon, and ascend along W. slope

44.25 Wash 10 lks. wide 6 ft. deep course W.

58.00 Top of ridge course W. and head of canon of which descend S. 10° W. This ridge is about 450 ft

Chains.
8.75
2.1.50
3.3.60

5 chains.	above Valley, descend
8.00	Set a blue lime stone, 14X10X8 ins. 9 ins in ground for Cor. to sec. 25 ~~30~~ & 31 and 36, marked 1 notch S. and 5 notches N. edges and raised a mound of stone along.
	Land, rolling mountain soil, mixed with rock and gravel. 4th rate
	mountain on 61. Chas.
	North, bet. sec. 25 and 30 Va. 16° 25' E.
	Descend gentle slope
2.1.30	Wash 4 ft. deep 20 lks. wide course west.
3.3.60	Wash 25 lks. wide 4 ft deep Course W.

Corr. Boundary
Exteriors T. 19 S. R. 19 W.

Chains.	
38.50	Wash 4 ft. deep 25 lks. wide course N. 25° W.
40.00	Set a blue lime stone 14X7X7 ins. 9 ins. in ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face, and raised a mound of stone 1½ ft. high 3½ ft. base along side
149.30	Wash 4 ft. deep, 25 lks. wide, course W. a high rocky bluff about 20 chs. E.
61.00	Wash 6 ft. deep, 90 lks. wide course W.
80.00	Deposited a gmart of charcoal 12 ins in ground, for Cor. to Secs. 19, 24, 25 and 30. 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 stake, 2

Chains.	
40.00	

Chains. ft. long 2 ins. square, 12 ins. in ground, marked T.19 S. S19 on N.E., R18 W. S.30 on S.E., R19 W. S25 on S.W. and S.24 on N.W. faces, with 2 notches S. and 4 notches N. edges, Land gently rolling mountain, soil, mixed with rock and gravel, 4" rate. Mountain on 80. cles.

North. bet. secs. 19 and 24.
Va. 16°20' E.
Over gently rolling bench.

40.00 Set a blue lime Stone, 16X12X9 ins. 11 ins. in ground, for 1/4 sec. cor., marked 1/4 on W. face, dug pits 18X18X 12 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, along side

East Boundary

Exteriors T. 19 S. R. 19 W.

Chains.	
44.25	Wash 3 ft. deep 40 lks. wide, course W.
66.50	Wash 3 ft. deep 40 lks. wide, descends W.
80.00	Deposited a marked stone, 12 ins. in ground, for the cor. to secs. 13, 18, 19 and 24. dug pits 18 X 18 X 12 ins. in each sec. 3½ ft. dist. raised a mound 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 T. 19 S. S 18 on N.E. R. 18 W. S. 19 on S.E., R. 19 W. S 24 on S.W. and S. 13 on N.W. faces. with 3 notches on N. and S. edges. Land gently rolling bench. Soil 3rd rate.

BOOK

Chains
31.00
39.70
40.00
61.00
80.00

Chains	
	No timber
	North, bet. Secs. 13 and 18. Va. 16° 20' E.
	Over gently rolling bench
31.00	Wash 4 ft. deep, 50 lks. wide, course W.
39.70	Wash 4 ft. deep, 20 lks. wide, course W.
40.00	Set, a blue lime, 16X14X12 ins. 11 ins. in ground, for 1/4 Sec. cor. marked 1/4 on W. face, dug pits 18X18X12 ins. N. and S. of stone 5-1/2 ft. dist., raised a mound of Earth, 1 1/2 ft. high 4 1/2 ft. base along side.
61.00	Wash 3 ft. deep 30 lks. wide course W.
80.00	Deposited a quart of charcoal

East Boundary
Extension T. 19 S. R. 19 W.

Chains	12 ins. in ground for cor to sec 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 over it. Set stone. Pit drove, stake 2 ft long, 2 ins. square 12 ins. in ground marked, T. 19 S. S. 7 on N. E., R. 18 W. S. 18 on S. E., R. 19 W. S. 13 on the S. W. and S. 12 on N. W. faces, with 4 notches S. and 2 notches N. edge. Sand, gently rolling bench, soil mixed with gravel 2nd rate.	Chains. 6.50 / 30.00 / 40.00 / 45.00
	North, bet. Secs. 7 and 12. Va. 16° 20' E.	72.00
	Over gently rolling bench	80.00
5.50	Foot of low bench course E. and	

Chains.	Ascend
6.50	Top of same about 12 ft. high course E and W.
30.00	Road from Deseret via Congis ranch to Osceola course N. 37° E and S. 37° W.
40.00	Deposited a quart of charcoal 12 ins. in ground, for 1/4 Sec. Cor. dug pits N. and S. of cor. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. square, 12 ins. in ground, marked "4 S" on W. face.
45.00	Wash 4 ft. deep 40 lks. wide course W.
72.00	Wash 12 ft. deep 200 ft. wide course W.
80.00	Deposited a marked stone 12 ins. in ground for cor to Sec.

East Boundary

Exteriors T. 19 S. R. 19 W.

BOOK

		Chains.
Chains.	1, 6, 7 and 12, dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. raised a mound of earth 1½ ft. high 4½ ft. base over it. In S. E. pit drove stake 2 ft. long 2 ins. square 12 ins. in ground, marked, T. 19 S. S. 6 N. E. face R. 18 W. S. 7 on S. E., R 19 W. S. 12 on S. W. and S. 1 N. W. faces, with, 5 notches S. and 1 notch N. edges.	36.00
	Land gently rolling bench,	40.00
	Soil, mixed with gravel 2nd rate	44.57
	No timber	53.50
		80.00
	North, bet. Secs. 1 and 6. Va. 16° 20' E.	
	Over gently rolling ground.	
18.50	Wash 4 ft deep 30 lks. wide cons.	

Chains.	
	W.
36.00	Leave bench, and enter valley course N. 20° E. and S. 20° W.
40.00	Deposited a quart of charcoal 12 ins in ground, for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins. N. and S. of cor. 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 1/4 S. on W. face.
44.57	Enter greasewoods course N. E. & S. W.
53.50	Top of bench about 8 ft. high, course E. and W.
80.00	Set a blue lime stone, 14 X 8 X 6 ins. 9 ins. in ground, for cor. to Tps. 18 and 19 S. Rgs. 18 and 19 W. marked 6 notches on each edge, dug pits 24 X 18 X 12 ins. lengthwise on each line, N., S., E., & W. of stone.

East Boundary

T. 19 S. R. 19 W.

Chains.	
	6 ft. dist. and raised a mound of earth 2½ ft. high, 4½ ft. base along side.
	Land gently rolling bench and level valley
	Soil gravley and clay 2nd rate
	I begin at the cor. to Tps. 19 and 20 S. Rs. 19 and 20 W. which is a post, 2 ins. square in E. pit marked.
	T. 19 S. 31 on N. E.,
	R. 19 W. S 6 on S. E.,
	T. 20 S. 1 on S. W., and
	R 20 W. S. 36 on N. W. faces, with 6 notches, on each edge, and pits N., S., E., and W. of cor. 6 ft. dist. and a mound of earth 2½ ft. high. 4½ ft. base over it.

BOOK

Chains.
40.00
63.50
78.00
80.00

Salt Lake Meridian.

Chains.	
	Thence I run
	North, bet. secs. 31 and 36
	Va. 16° 20' E.
	Over level, land through brush.
40.00	Deposited a marked stone, 12 ins. in ground, for 1/4 sec. cor., dug pits 18X18X12 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 stake 2 ft. long 2 ins square, 12 ins in ground, marked 1/4 S. on W. face.
63.50	Leave greasewood course E. and W.
75.00	Road course E. and W.
80.00	Deposited a marked stone, 12 ins. in ground for cor. to secs. 25, 30, 31 and 36, dug pits 18X18X12 ins. in each sec. 5 1/2 ft. dist., raised a mound of earth 1 1/2 ft. high

374c West of Boundary 3513

Exteriors T. 19 S. R. 19 W.

Chains	3½ ft. base over it. In S. E. pit drove stake 2 ft. long 2 ins. square 12 ins. in ground, marked T. 19 S. 30 on N. E., R. 19 W. S. 31 on S. E., R. 20 W. S. 36 on S. W. and S. 25 on N. W. faces, with 1 notch S. and 5 notches N. edges. Land level, soil clay and mixed with gravel 2nd rate. Undergrowth greasewood on 6.350 chs.
	North, bet. secs. 25 and 30. Va 16°20' E.
	Over level land.
30.00	Enter greasewood course E. and W.
40.00	Deposited a quart of charcoal 12 ins. in ground, for ¼ sec. cor.

BOOK-

Chains.

80.00

Chains. 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 stake 2 ft. long 2 ins. square 12 ins in ground, marked ¼ on W. face

80.00 Deposited a marked stone, 12 ins. in ground for cor. to Sec. 19, 24, 25 and 30, dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. raised a mound 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 T. 19 S. 19 on N. E., R. 19 W. S. 30 on S. E., R. 20 W. S. 25 on S. W., S. 24 on N. W. faces, with 2 notches S. and 4 notches N. edge.

West Boundary

Exterior T. 19 S. R. 19 W.

Chains	
	Land nearly level.
	Soil mixed with gravel 2nd rate.
	undergrowth greasewood on 50 chs.
	North between secs. 19 and 24.
	Va. 16° 20' E.
	Over nearly level land through brush
14.50	Wash 2 ft. deep 20 lks. wide, course N.E.
40.00	Deposited a marked stone 12 ins. in ground for 1/4 sec. cor., dug pits 18X18X12 ins. N. and S. of cor. 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high 2 1/2 ft. base over it. In N. pit drove stake 2 ft. long 2 ins square 12 ins in ground, marked 1/4 S on W. face
80.00	Deposited a marked stone, 12 ins

First Boundary N.E.
Salt Lake Meridian.

Chains

in ground, for cor to Secs. 13, 18, 19 and 24. dug pits 18 X 18 X 12 ins. in each Sec. 5-½ ft. diet., raised a mound 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 T. 19 S. 18 on N.E. R. 19 W. S. 19 on S.E., R. 20 W. S. 24 on S.W., and S. 13 on N.W. faces, with 3 notches N. and S. edges.
Land level.
Soil mixed with gravel 2nd rate.
Undergrowth greasewood and rabbit brush 80. chs. Jan. 23rd 1882

North. bet. Secs. 13 and 18
Va. 16° 20' E.

Chains		Chains
	Over nearly level land, and through brush.	
40.00	Deposited a marked stone, 12 ins. in ground for 1/4 sec. cor., 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 stake 2 ft. long 2 ins. square, 12 ins. in ground, marked 1/4 S. on W. face,	
80.00	Deposited a marked stone, 12 ins. in ground for cor. to Secs. 7, 12, 13, and 18, dug pits 18X18X12 ins. in each sec. 5½ ft. dist., raised a mound 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 T. 19 S. 7 on N. E.,	1.50 24.00 40.00

Mast Boundary

Salt Lake Meridian.

Chains	R., 19 W., S. 18 on S.E., R 20 W. S. 13 on S.W. and S. 12 on N.W. faces with 4 notches S. and 2 notches N. edges.
	Land level,
	Soil, mixed with clay and gravil, 2nd rate.
	Undergrowth greasewood and rabbit brush on 80. chains
	North, bet. secs. 7 and 12. Va. 16° 20' E.
	Ascend bench, through brush.
1.50	Road from Pioche to Salt marsh bears N. 14° E. and S. 20° W
24.00	Leave greasewood course N.W. and S.E.
40.00	Set a white flint stone,

Exteriors T. 19 S. R. 19 W.

Chains.	
	14 X 9 X 6 ins. 9 ins. in ground, for 1/4 sec. cor., marked 1/4 on W. face, with mound of earth and Stone along side
41.05	Road leading from Conger's ranch to mill cañon. Course N. 25° W. and S. 25° E.
43.00	Wash 2 ft. deep, 25 lks. wide, course E.
45.50	Wash 3 ft. deep 30 lks. wide course S. E.
67.00	A wash 4 ft. deep 30 lks. wide. course S. E.
80.00	Set a white marble stone, 15 X 9 X 8 ins. 10 ins. in ground, for cor. to secs. 1, 6, 7 and 12, marked 5 notches S. and 1 notch N. edges. and raised a mound of earth and Stone 2 ft. high 4 1/2 ft. along side Land sloping bench.

Chains.	
6.40	
11.30	
80.00	
63.50	

Salt Lake Meridian

Chains.	
	Soil, mixed with rock and gravel 3rd rate Undergrowth greasewood on 24 Chains.
	North, bet. secs. 1 and 6. Va. 16° 20 E.
	Over gently sloping bench. Ascend
6.40	Road from Salt Marsh to Snake Creek to Pioche bears N. 10° E and S. 10° W.
11.30	Wash 5 ft. deep 40 lks. wide course S. E
40.00	Set a blue lime stone, 18 X 12 X 7 12 ins. in ground, for 1/4 sec. cor. marked 1/4 on W. face, and raised a mound of earth and stone 1 1/2 ft. high 3 1/2 ft. base along side
63.50	Wash, 3 ft deep 25 lks. wide, course S. E.

West Boundary

Exteriors T. 19 S. R. 19 W.

Chains.

80.00 Set a blue lime stone, 18 X 12 X 7 ins, 12 ins. in ground for cor. to Tps. 18 and 19 S. R. 19 and 20 W. Marked 6 notches on N. S. E. and W. edges, raised a mound of earth and stone 2½ ft. high 5 ft. base along side.

Land gently sloping bench, soil mixed with gravel 2nd rate

No timber

From the cor. to Tps. 18 and 19 S. Rs. 19 and 20 W., I run east on a random line, between said townships the variation of my compass being 16°20' E. I set temporary half mile and mile corners at each 40 and 80 chains and find

Chains.

Chains. the township line to be 5 miles 79 chs. and 60 links long, and the falling to be 98 lks. N. of the cor. to Tps. 18 and 19 S. Rs. 18 and 19 W. The correction for the true line will therefore be 16⅔ lks. S. and 40 lks. W. per mile, and its course will be N. 89° 53' W.

From the cor. to Tps. 18 and 19 S. Rs. 18 and 19 W. which is a blue lime stone, 14 X 8 X 6 ins. 9 ins. in ground, marked 6 notches on each edge, with 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 5½ ft. base along side. Sam

Wood Bainplay

Exterior T. 19 S. R. 19 W.

Chains. N. 89° 53' W. on a true line, bet. secs. 1 and 36

Va 16° 20' E.

Over level ground.

40.00 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 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 stake 2 ft. long 2 ins square, 12 ins. in ground, marked 1/4 S. on N. face.

80.00 Deposited a quart of charcoal 12 ins in ground for Cor. to secs. 1, 2, 35 and 36. dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist. raised a mound of earth 2 ft. high 4 1/2 ft. base over it. In S.E. pit drove

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Chains.

29.00

40.00

Chains. Stake 2 ft. long 2 ins square
12 ins in ground, marked
T. 18 S. 36 on N. E.,
R. 19 W. S. 1 on S. E.,
T. 19 S. 2 on S. W. and
S. 35 on N. W. faces, with 1 notch
E. and 5 notches W. edges.
Land nearly level,
Soil, mixed with gravel 2nd rate.
Undergrowth greasewood on 80 chs.

N. 89° 53' W. on a true line, bet.
Secs. 2 and 35

Va 16° 20' E.

Over level land through brush
29.00 Foot of bench, course N. and S.
40.00 Deposited a quart of charcoal
12 ins. in ground for 1/4 Sec. Cor.
dug pits 18X18X12 ins. E. and W.

North Boundary

Exteriors T. 19 S. R. 19 W.

Chains. of Cor. 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 ground, marked ¼ S on N. face.

80.00 Deposited a quart of charcoal, 12 ins. in ground, for Cor. to Secs. 2, 3, 34, and 35; dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist., raised a mound 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 T. 18 S. 35 on N. E., R. 19 W. S 2 on S. E., T. 19 S. S. 3 on S. W. and S. 34 on N. W. faces with 2 notches E. and 4 notches wedges.

Land nearly level.

BOOK-A

Sa

Chains.

8.00

12.00

20.00

40.00

Chains. soil, mixed with clay and gravel. 2nd rate.
Undergrowth greasewood and rabbit brush on 80. chs.

N. 89°53' W. on a true line, bet. Secs. 3 and 34.
Va. 16°20' E.
Though brush.
8.00 Foot of bench, course N. W. and S. E. ascend
12.00 Top of same about 12 ft. high
20.00 Foot of bench about 12 ft. " leave same
40.00 Deposited a quart of charcoal 12 ins. in ground for 1/4 Sec. cor. dug pit 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

Exteriors T. 19 S. R. 19 W.

Chains.	
	ft. high, 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. square, 12 ins. in ground, marked "4 S. on N. face.
80.00	Deposited a quart of charcoal 12 ins. in ground for the cor. to secs. 3. 4. 33 and 34. dug pits 18X18X12 ins. in each sec. 5½ ft. dist. raised a mound 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. T. 18 S. 34 on N. E., R. 19 W. S. 3 on S. E., T. 19 S. 4 on S. W. and S. 33 on N. W. faces, with 3 notches on E. and W. edges.

Salt Lake Meridian.

Chains. Land nearly level, soil 2nd rate. Undergrowth, on 80.00 Chs.

N. 89°53' W. on a true line, bet. Secs. 4 and 33.

Va. 16°20' E.

Over nearly level ground through brush.

40.00 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. 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 2 ft. long 2 ins. square 12 ins. in ground, marked 1/4 on N. face.

45.00 Top of spur of ridge, 10 ft. high course N. and S.

North Boundary

Exterior T. 19 S. R. 19 W.

Chains.	
73.50	Top of spur of ridge about 10 ft. high course N. and S.
80.00	Deposited a quart of charcoal 12 ins. in ground, for cor. to Secs. 4, 5, 32 and 33. dug pits 18X18X12 ins. in each sec, 5½ ft. dist., raised a mound 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 T. 18 S. S. 33 on N.E., R. 19 W. S. 4 on S.E., T. 19 S. S. 5 on S.W. and S. 32 on N.W. faces. with 4 notches E. and 2 notches on edges.
	Land nearly level, soil 2nd rate
	Undergrowth greasewood on 80. ch.

Chains.	
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	S.
19.50	W
	S.
40.00	D
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41.00	2
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North Boundary

Salt Lake Meridian.

Chains.	N. 89° 53' W. on a true line, bet. Secs. 5 and 32.
	Va. 16° 20' E.
	Over gently rolling land, and through brush.
16.00	Wash, 10 lks. wide 1½ ft. deep, course S. E
19.50	Wash 15 lks. wide 2 ft deep, course S.E.
40.00	Deposited a marked stone, 12 ins. in ground, for ¼ Sec. cor., dug pits 18X18X12 ins E. and W. of cor., 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 ground, marked ¼ S on N. face.
41.00	Leave greasewood and ascend bench course N.E. and S.W.

North Boundary
Exteriors T. 19 S. R. 19 W.

Chains.	
80.00	Set a quartzite stone, 20X10X6 ins. 15 ins. in ground for cor. to secs. 5, 6, 31 and 32, marked 5 notches E. and 1 notch W. edges and raised a mound of earth and stone, 2 ft. high. 4½ ft. base alongside.
	Land level soil clay and mixed with gravel 2nd rate
	Undergrowth greasewood on 41 chs.
	N. 89° 53' W. on a true line, bet. secs. 6 and 31.
	Va. 16° 20' E.
	Ascend gently sloping bench
6.40	Road leading from Salt Marsh to Pioche course N. 10° E. and S. 10° W.

BOOK-

Chains.	
16.25	W.
20.00	A
23.00	To
40.00	S
	10.
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55.50	W
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79.60	T
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Salt Lake Meridian.

Chains.	
16.25	Wagon Road course N and S.
20.00	Ascent more abrupt
23.00	Top of abrupt ascent
40.00	Set a lime stone 15 x 8 x 6 ins. 10 ins. in ground, for 1/4 sec. cor. marked 1/4 on W. face, and raised a mound of stone, along side
55.50	Wash 100 lks. wide 8 ft. deep course S. E.
79.60	The cor. to Tps. 18 and 19 S. Rs. 19 and 20 W.
—	Land gently ascending bench soil mixed with rock and gravel 2nd 3rd rate

January 24th 1882.

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Note - For General Description see end of Subdivisions of this Tp.

Andrew J. Stewart Jr.
U. S. Dep. Sur.

BOO

U. S. SUR

Salt Lal

The for

Ea

Township

of the Sal

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field no

hereby

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, July 22nd 1882.

The foregoing field notes of the survey of the East, West and North boundaries

Township No 19. S. Range No 19. W.

of the Salt Lake Meridian, Utah Territory,

Executed by Andrew J. Stewart Jr.

Under his contract No 103.

of the 15. day of June 1881,

in the month of January 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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Township 19 S. R. 19 W.

	371		370		368		366		364		363
	477	6	450	5	433	4	415	3	394	2	349
	476		474		449		432		413		392
	472	7	447	8	430	9	411	10	391	11	347
	471		469		446		429		410		388
	468	18	445	17	427	16	408	15	386	14	346
	466		465		443		426		407		384
	463	19	442	20	425	21	405	22	383	23	344
	461		460		440		423		404		381
	458	30	439	29	421	28	402	27	379	26	341
	457		455		437		419		400		378
	453	31	436	32	417	33	397	34	376	35	340

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REPORT: 1883

Filed May 5th 1882

Examined by John H. Campbell

Compared by Ed. Mikkelsen & L. F. Hickok

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

OF

Township No. 19 South

Range No. 19 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart Jr.

U. S. Deputy Surveyor,

Under his Contract No. 103.

Dated June 15th 1881.

Survey commenced January 25 1882

Survey completed January 31st 1882

NAMES AND DUTIES OF ASSISTANTS:

Shadrach M. Richardson Compassman.
James W. Stewart Chainman.
Joseph F. Thompson Chainman.
Brigham J. Brown Chainman.
James F. Gyles Chainman.
Joseph R. Gyles Axeman.
David E. Crafts Axeman.
Flagman.

Subdivision T. 19 S. R. 19 W. S. L. Meridian.

On the night of January 24 1882. Took an observation on the Star Polaris, in accordance with instructions contained in the Manuel of Surveys, and drove pickets on the line thus established.

Survey commenced January 25 1882, with a Vernier compass manufactured by W. & L. E. Gurley, approved by the U. S. Sur. General of Utah.

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

Preliminary to commencing this subdivision I ran north on a blank line on the east boundary of Sec. 36 and at

Subdivision Township 19 South.

Chains. 39.98 chs. found the ¼ sec. cor.
and at 80.02 chs found the
cor. & also retraced the S.
boundary of sec. 36 finding
¼ and sec. cor. at proper dis-
tances and on line.

My compass will therefore
run the same line, as the ex-
terior boundaries, and the
chaining practically agree.

I commence at the 30.00
cor. to secs. 1, 2, 35 and 36,
on the S. boundary, which 40.00
a quart of charcoal 12
ins. in ground, with pits
18 X 18 X 12 ins in each section
5½ ft. dist, and a mound of
earth 2 ft. high, 4½ ft. base on
it, And in S.E. pit, a stake 2 ft
long 2 ins. square, 12 ins.

Range 19 West, Salt Lake Meridian.

Chains in ground, marked T. 19 S. 36 on N.E., R. 19 W. S. 1 on S.E., T. 20 S. 2 on S.W. and S. 35 on N.W. faces, with 1 notch on E. and 5 notches on W. edges. Thence I run North between Secs. 35 and 36.

Va 16° 20' E.

Over nearly level bench through greasewood

30.00 Top of knoll about 10 chs. E. it is lime stone about 100 ft high

40.00 Deposited a quart of Charcoal 12 ins. in ground for 1/4 Sec. cor., dug pitts 18 X 18 X 12 ins. N. and S. of cor., 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,

Subdivision Township 19 South,

Chains.		Chains.
	marked 1/4 S on W. face	
80.00	Deposited a quart of charcoal, 12 ins. in ground, for cor. to Secs. 25, 26, 35 and 36, dug	
	pits 18X18X12 ins., in each Sec.,	6.00
	5 1/2 ft. dist., and raised a	40.00
	mound of earth 2 ft. high, 4 1/2	80.40
	ft. base, over it. In S. E. pit	
	drove stake 2 ft. long, 2 ins.	
	square, 12 ins. in ground,	
	marked, T. 19 S. 25 on	
	N. E.; R. 19 W. S. 36 on S. E.	
	S. 35 on S. W., and S. 26 on	
	N. W. faces, with 1 notch on S.	
	and E. edges	
	Land gently rolling bench	
	Soil mixed with gravel 2nd rate	40.20
	Undergrowth greasewood on 80 chs.	

BOOK

Range

Range 19 West. Salt Lake Meridian

Chains East, on a random line between sec. 25 and 36

Va. 16°20' East.

6.00 Leave greasewood course N. & S. and ascend mountain

40.00 set a temporary 1/4 Sec. cor.

80.40 Intersect E. boundary of township at 21 lks. N. of the cor. to secs. 25, 30, 31 and 36, which is a blue lime stone 14 X 10 X 8 ins. 9 ins in ground, marked 1 notch S. and 5 notches N. edges, and a mound of stone along side.

Thence I run N. 89° 51' W., on a true line, bet. secs. 25 and 36, with same Va.

40.20 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 cor. 5 1/2 ft. dist., and raised a

Subdivision Township 19 South.

Chains.	
	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.
80.40	The cor. to secs. 25. 26, 35 & 36. L and E. 74.40 chs. mountain W. 6.00 chs. Valley, Soil 2nd and 3d rate Undergrowth greaswood on 6 chs. mountain on 74.40 chs.
	North, bet. secs. 25 and 26. Va. 16°20' E.
	Over gently rolling bench, through brush.
20.00	Leave greasewood course E. and W.
40.00	Deposited a quart of charcoal 12 ins. in ground for ¼ sec. cor., dug pits 18 X 18 X 12 ins. N.

BOOK

Range

Chains.
80.00

Range 19 West Salt Lake Meridian

Chains and S. of cor., 5½ ft. dist., and raised a mound of earth 1½ ft. high 4½ 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.

80.00 Deposited a quart of charcoal, 12 ins. in ground, for cor. to Secs. 23, 24, 25 and 26, 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 stake 2 ft. long 2 ins. square, 12 ins. in ground, marked T. 19 S. 24 on N. E.; R. 19 W. S. 25 on S. E.; S. 26 on S. W.; and S. 23 on N. W. faces, with 2 notches S. and 1 notch E. edges L and gently rolling bench.

Subdivision Township 19 South, Rang

Chains		Chains
	Soil 2nd rate	
	Undergrowth greasewood on	
	20. chs.	
	East on a random line bet. secs.	
	24 and 25.	
	Va. 16° 20' East,	40.00
	Ascend a gently sloping mountain	
40.00	Set a temporary 1/4 sec. Cor.	
80.20	Intersect E. boundary of township	
	70 lks. S. of the Cor. to secs. 19, 24,	
	25 and 30, which is a quart of	
	Charcoal 12 ins. in ground, with	
	pitts 18X18X12 ins. in each sec. 5½	80.20
	ft. dist. and a mound of earth 2	
	ft. high 4½ ft. base over it, in	
	S.E. pit a stake 2 ft. long 2 ins	
	square, 12 ins. in ground,	

Range 19 West, Salt Lake Meridian

Chains. marked T. 19 S. S. 19, on N. E. R. 18 W.; S. 30 on S. E. R 19 W. S. 25 on S. W., and S 24 on N. W. faces, with 2 notches S. and 4 notches N. edges, Thence from S. 89° 30' W. on a true line between Secs. 24 and 25., with same Va.

40.10 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 cor. 5½ ft. dist., 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,

80.20 The cor. to Secs. 23, 24, 25 and 26. Land gently sloping mountain soil, mixed with gravel 3rd rate. Mountain on 80.20 chs.

Subdivision Township 19 South.

Chains	North bet. Secs. 23 and 24 Va. 16°20' E.
	Over W. slope of mountain, gently rolling.
18.50	Wash 6 ft. deep 50 lks. wide course W.
40.00	Deposited a quart of charcoal 12 ins. in 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 S. on W. face.
70.25	Road from Utah to Nevada Via Conger's Ranch course N.E. & S.W.
80.00	Deposited a quart of charcoal 18 ins. in ground for cor. to secs 13, 14, 23 and 24, dug pits 18 x

Range 19 West, Salt Lake Meridian

Chains. 18 X 12 ins. in each sec. 5½ ft. dist., 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. 19 S. 13 on N. E.; R 19 W. S. 24 on S. E., S. 23 on S. W. and S. 14 on N. W. faces with 3 notches S. and 1 notch E. edges.
Land gently rolling and sloping to W. Soil 2nd and 3rd rate
Mountain on 80 chs.

East, on a random line bet. Secs. 13 and 24
Va 16° 20' E.
Ascend gently sloping mountain
7.30 Road from Deseret in Utah to Osceola Nevada - course N. E. & S. W.

Subdivision Township 19 South, Range

Chains.		Chains.
40.00	Set a temporary 1/4 Sec. Cor.	
80.30	Intersect E. boundary of township 28 lks. S. of the cor. to secs. 13, 18, 19 and 24 which is a marked stone, 12 ins. in ground, and dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist., and a raised mound of earth 2 ft. high 4½ ft. base over it.	80.30
	From S. E. pit a stake 2 ft. long 2 ins. square 12 ins. in ground, marked T. 19 S. S. 18 on N. E. R. 18 W. S. 19 on S. E. R 19 W. S. 24 on S. W. and S. 13 on N. W faces with 3 notches on N. and S. edges.	
	Thence from	.25
	S. 89°48' W. on a true line bet. Secs. 13 and 24 with same N.	4.50
40.15	Deposited a quart of charcoal	

Range 19 West, Salt Lake Meridian.

Chains.	
	12 ins. in 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 at 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.
80.30	The cor. to Secs. 13, 14, 23 & 24 Land Mountain gently slopes W. Soil 2nd and 3rd rate Mountain on 80.30 chs.
	North between Secs. 13 and 14 Va 16°20' E.
.25	Bottom of wash 3 ft. deep 40 lks. wide course W.
4.50	Wash 10 lks. wide 2 ft. deep in hollow. course W.

Chains		Chains
15.00	Top of bench about 30 ft. above cr.	
16.75	Bottom of wash 9 ft. deep, 70 lks wide course W.	
27.50	Foot of bench course N.E. and S.W., and enter greasewood	
40.00	Deposited a quart of charcoal 12 ins. in ground for 1/4 sec. cor., dug pits 18X18X12 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 stake 2 ft. long 2 ins. square 12 ins. in ground, marked 1/4 S. on W. face.	
80.00	Deposited a quart of charcoal 12 ins. in the ground, for cor. to secs. 11, 12, 13 and 14, dug pits 18X18X12 ins. in each sec. 5 1/2 ft. dist., and raised a mound	.50 10.00

Range 19 West, Salt Lake Meridian.

Chains. 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
T. 19 S. 12 on N. E., R. 19
W. S. 13 on S. E., S. 14 on S. W.
and S. 11 on N. W. faces, with
4 notches S. and 1 notch E. edge
Land rolling and level,
soil clay and mixed with gravel
2nd rate.
Undergrowth greasewood on 52.50 chs

East, on a random line, bet.
Secs. 12 and 13.
Va 16° 20' E.

.50 Leave greasewood course
N. and S.

10.00 Foot of gently sloping moun-

Subdivision Township 19 South,

Chains.	tain, Ascend
25.75	a wash 6 ft. deep 125 lks. wide course N. W. Ascent abrupt.
28.00	Ascent not so steep
40.00	Set a temporary 1/4 Sec. Cor.
71.25	Road from Osceola to Deseret via Conger's ranch course N. E. and S. W.
80.00	Intersect E. boundary of township 60 lks. S. of the cor. to Secs. 7, 12, 13 and 18, which is a giant of charcoal 12 ins. in ground, with pits 18 X 18 X 12 ins. in each Sec. 5 1/2 ft. dist., and a mound of earth 2 ft. high, 4 1/2 ft. base over it and in S. E. pit, a stake 2 ft. long 2 ins. square 12 ins. in ground, marked T. 19 S. 7 on N. E. R. 18 W. S. 18 on S. E., R. 19 W.

BOOK

Rang

Chains.
40.00
80.00

Range 19 West. Salt Lake Meridian

Chains. S. 13 on W. and S. 12, on N. W. faces, with 4 notches S. and 2 notches N. edges. Thence S. 89° 34' West. on a true line between Secs. 12 and 13 with same Va.

40.00 Deposited a quart of charcoal 12 ins. in ground, for 1/4 Sec. cor., dug pits 18X18X12 ins E and W. of cor., 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 ground, marked "1/4 S. on W. face.

80.00 The cor. to Secs. 11, 12, 13 and 14.

Land gently sloping mountain soil mixed with gravel 2nd rate Mountain on 70. chs.

Subdivision Township 19 South.

Chains.	North bet. Secs. 11 and 12. Va. 16° 20' E. Over level land, through brush
40.00	Deposited a quart of charcoal 12 ins. in 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 S. on W. face.
80.00	Deposited a quart of charcoal 12 ins. in ground for cor., to Secs. 1, 2, 11 and 12, 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. In S. E. pit drove a stake 2 ft. long 2 ins. square, 12 ins.

Range

Chains.
36.00
40.00
44.00
75.00

Range 19 West, Salt Lake Meridian.

Chains

in ground, marked
T. 19 S. S. 1 on N. E.
R. 19 W. S. 12 on S. E.,
S. 11 on S. W. and
S. 2 on N. W. faces, with 5
notches S. and 1 notch E. edges.
Land level, soil 2nd rate
undergrowth greasewood on 80. chs.

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

Va. 16° 20' E.

Over level land through brush.

36.00 Foot of bench course N. and S.

40.00 Set a temporary 4 sec. cor.

44.00 Wash 150 lks. wide 6 ft. deep, course
N. 70° W.

75.00 Foot of bench leave greasewood
and ascend. Course N. and S.

Subdivision Township 19 South. Range

Chains.		Chains.
80.30	Top of bench about 40 ft high. and Intersect E. boundary of township at 21 lks. S. of cor. to secs. 1, 6, 7 and 12, which is a marked stone, 12 ins. in ground, and pits 18X18X12 ins. in each sec., 5½ ft. dist. and a mound of earth 2 ft. high 4½ ft. base, over it. In S. E. pit a stake 2 ft. long 2 ins. square 12 ins. in ground, marked T. 19 S. 6 on N. E., R. 18 W. S. 7 on S. E., R. 19 W. S. 12 S. W. and S. 1 on N. W. faces, with 5 notches S. and 1 notch N. edges. Thence S. 89° 51' W., on a true line bet. secs. 1 and 12, with same Va	80.30
40.15	Deposited a quart of charcoal	40.00

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Range 19 West, Salt Lake Meridian.

Chains.	
	12 ins. in ground for 1/4 Sec. cor., dug pits. 18X18X12 ins. E. and W. of cor., 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 ground, marked 1/4 S. on N. face.
80.30	The cor. to Secs. 1, 2, 11 and 12.
	Land nearly level,
	Soil 2nd rate.
	Undergrowth greasewood on 75 lks
	North, on a random line, bet. Secs. 1 and 2
	Va 16° 20' E.
	Over nearly level ground through brush
40.00	Set a temporary 1/4 Sec. cor.

Chains.		Chains.
70.00	Foot of bench course E & W. Ascend	
71.00	Top of same about 8 ft. high.	
80.20	Intersect north boundary of Township at 18 lks. E. of cor. to secs. 1, 2, 35, and 36, which is a quart of charcoal 12 ins. in ground, with pits 18 X 18 X 12 ins. in each sec., 5½ ft. dist., and a mound of earth 2 ft. high 4½ ft. base, over it. In S. E. pit a stake 2 ft. long 12 ins in ground, marked T. 18 S. S 36 on N. E., R. 19 W. S. 1 on S. E., T. 19 S. S. 2 on S. W. and S. 35 on N. W. faces, with 1 notch E. and 5 notches W. edges. Thence I run S. 0°.08' E. on a true line, bet. secs. 1 and 2. with same Va.	80.20
40.20	Deposited a quart of charcoal	

Range 19 West, Salt Lake Meridian.

Chains. 12 ins. in ground for 1/4 sec. cor., dug pits 18X18X12 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 post 2 ft. long 2 ins. square 12 ins. in ground, marked 1/4 S on W. face.

80.20 The cor. to secs. 1, 2, 11 and 12 Land nearly level.

Soil mixed with clay 2nd rate. Undergrowth greasewood on 80.20 chs

January 25th 1882

From the cor. to secs. 2. 3. 34 and 35, on the South boundary of the township, which is a quart of charcoal 12 ins.

Chains.		Chains.
	in ground, with pits 18X18X12 ins. in each Sec. 5½ ft. diet. and a mound of earth 2 ft. high 4½ ft. base over it. In S. E. pit a stake 2 ft. long 2 ins. square, 12 ins. in ground, marked T. 19 S. S 35 on N. E., R. 19 W. S. 2 on S. E. T. 20 S. S 3 on S. W. and S. 34 on N. W. faces, with 2 notches E. and 4 notches wedges. Thence Run	40.00
	North, bet. secs. 34 and 35 Va. 16° 20' E.	42.00
	Over level land through brush	
20.50	Leave greasewood and enter meadow, A. N. Conger's post, and wire fence Course N. E and S. W.	
30.30	Water ditch 10 lks. wide 12	

Range 19 West, Salt Lake Meridian.

Chains	
	ins. deep course N. E.
40.00	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 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 "4 S. on W. face. from which H. N. Conger's house bears N. 37¾° W., Rock house bears N. 17° W.
42.00	To a point from which a post 2 ins. square marked No 6 for cor. to Horace N. Conger's desert land claim bears W. 14 chs. dist. and stake 2 ins. square, marked No 7 bears W. 24 chs. dist. Also from same point stake 2 ins. square, marked No

Chains.		Chains.
	15 bears E. 2 chs. dist., and stake 2 ins. square marked No 14 bears E. 16 chs. dist.	
8.00	Deposited a quart of charcoal 12 ins. in ground for cor to sec. 26, 27, 34 and 35, 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 ground, marked, T. 19 S. S. 26 on N. E., R. 19 W. S. 35 on S. E., S. 34 on S. W. and S. 27 on N. W. faces, with 1 notch S. and 2 notches E. edges, from which Horace N. Conger's house bears S. 72° W. Rock house bears S. 78° 30' W., barn and stack yard is about 3 chs. S. of house	16.00
		37.75
		40.00
		47.75

Range 19 West, Salt Lake Meridian.

Chains.	
	Land level.
	Soil 1st rate.
	Undergrowth greasewood on 20.50 chs.
	East, on a random line bet. secs. 26 and 35 Va 16°20' E.
16.00	To a point, from which a post 2 ins. square, marked No 13 for cor. to Horrace N. Cougis desert land claim, bears N. 22 chas. dist. And from same point stake 12 ins. square, marked No 14, of said claim, bears S. 38. chs. dist.
37.75	Wash 2 ft. deep 10 lks. wide course N.
40.00	Set a temporary 1/4 sec. cor.
47.75	Barbed wire fence course S. E.

Subdivision Township 19 South Range

Chains		Chains
	and N.W. at this point leave meadow and enter greasewood brush	
80.10	Intersect N. and S. line at the cor. to Secs. 25. 26. 35 and 36.	22.00
	Thence I run West, on a true line, between Secs. 26 and 35, with same Va.	
40.05	Deposited a quart of charcoal 12 ins. in ground for "4 sec. cor., dug pits 18X18X12 ins. E. and W. of cor. 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 x 2 ins. square 12 ins. in ground, marked "4S on N. face.	40.00
80.10	The cor. to Secs 26, 27, 34 and 35 Land level, soil 1st rate	42.00
	Undergrowth greasewood on 32.25 chs.	

Range 19 West, Salt Lake Meridian

Chains	
	North between Secs. 26 and 27. Va. 16°20. E.
	Over level meadow
22.00	To point, from which a stake 2 ins. square marked No 12, for cor. to Horace N. Conger's desert land claim, bears E. 2.00 chs. dist. and stake No 9 of said claim bears W. 18. chs. dist.
40.00	Deposited a quart of charcoal 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 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins square 12 ins. in ground, marked ¼ S. on W. face
42.00	To N. line of Horace N. Conger's Desert land claim, N. E. cor. Stake.

Chains.		Chains.
	2 ins. square, marked No 11 at N.E. cor. of claim bears E. 2 chs. dist. and N.W. cor. of said claim, stake 2 ins. square No 10 bears W. 18 chs. dist.	
57.10	A barbed wire fence bears S.E and N.W. Leave field	
80.00	Deposited a quart of charcoal 12 ins. in ground for cor. to	1.00
	secs. 22, 23, 26 and 27, dug pitts 18x18x12 ins in each sec.	17.00
	5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base	41.00
	over it. In S.E. pit drove a	80.80
	stake 2 ft. long 2 ins. square 12 ins. in ground, marked T. 19 S. S. 23 on N.E., R. 19 W. S. 26 on S.E., S. 27 on S.W. and ~~and~~	40.40
	S 22 on N.W. faces, with	

Range 19 West, Salt Lake Meridian.

Chains.	
	2 notches On S. and E. edges.
	Land level Meadow. Soil 1st rate
	No timber
	East, on a random line, bet.
	secs. 23 and 26.
	Va. 16°20' E.
1.00	Leave meadow and enter grease=
	wood course N. and S. E.
17.00	A wash 3 ft. deep 10 lks. wide
	course N.
40.00	Set a temporary 1/4 sec. cor.
80.80	Intersect N. and S. line 30 lks. N.
	of the cor. to secs. 23, 24, 25 and 26
	Thence I run
	N. 89°47' W. on a true line
	bet. secs. 23 and 26, with same Va.
40.40	Deposited a quart of charcoal
	12 ins. in ground, for 1/4 sec. cor.

Subdivision Township 19 South, Range

Chains.		Chains.
	dug pits 18X18X12 ins. E. and W. of cor. 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 ground marked 1/4 S on N. face.	
80.80	The cor. to Secs. 22, 23, 26 and 27. Land nearly level, soil 2nd rate. Undergrowth greasewood, rabbit brush and willows on 80.80 chs.	80.00
	North bet. Secs. 22 and 23. Va 16° 20' E.	
11.50	Road from Deseret Via Congressional to Osceola course E. and W. and enter willows rabbit brush and greasewood, and small knolls	
40.00	Deposited a quart of charcoal	

Range 19 West, Salt Lake Meridian

Chains.	
	12 ins. in 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 S. on W. face.
80.00	Deposited a quart of charcoal 12 ins. in ground, for cor. to Secs. 14, 15, 22 and 23. dug pit 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. In S. E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in ground, marked T. 19 S. S. 14 on N. E., R. 19 W. S. 23 on S. E., S. 22 on S. W., and S. 15 on N. W. faces, with 3 notches S. and 2

Chains.		Chains.
	notches on E. edge;	
	Land Knolly and level.	
	Soil 2nd and 3rd rate.	
	Undergrowth greasewood, rabbit brush and willows on 68.50 chs.	39.98
	East, on a random line, bet. Secs. 14 and 23.	
	N a 16° 20' E.	
	Over level land through brush.	
12.00	Leave greasewood and enter willows, course N. and S.	79.96
16.00	Leave willows and enter greasewood and rabbit brush.	
40.00	Set a temporary 1/4 Sec. Cor.	
76.00	Leave brush at foot of bench, ascend bench.	
79.96	To point about 30 ft. above Valley and Intersect N. and S. line 42 lks.	

Range 19 West, Salt Lake Meridian.

Chains	
	N. of the cor. to secs. 13, 14, 23 and 24.
	Thence I run
	N. 89°42' W. on a true line bet.
	secs. 14 and 23. with same Va.
39.98	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 cor., 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 ground,
	marked 1/4 S. on N. face
79.96	The cor. to secs. 14, 15, 22 and 23.
	Land nearly level.
	Soil 2nd rate.
	Undergrowth greasewood, rabbit=
	brush and willows on 76.00 chs.
	North between secs. 14 and 15.

Subdivision Township 19 South, Range E

Chains		Chains	
	Va. 16° 20' E.		
	Over nearly level land through bush		
40.00	Deposited a quart of charcoal, 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 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	Deposited a quart of charcoal 12 ins in ground for Cor. to Secs. 10, 11, 14 and 15. 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 ground, marked	40.00 75.00 79.40	

Range 19 West, Salt Lake Meridian

Chains.	T. 19 S. S. 11 on N. E.,
	R 19 W. S. 14 on S. E.,
	S 15 on S. W. and
	S. 10 on N. W. faces, with 4 notches
	S. and 2 notches E. edge.
	Land level
	Soil 2nd rate
	Undergrowth greasewood on 80 chs.
	East, on a random line bet.
	Secs. 11 and 14
	Va. 16°20' E.
	Over nearly level land through
	brush
40.00	Set a temporary 1/4 Sec. cor.
75.00	Top of ridge about 8 ft. high
	course N. and S.
79.40	Intersect N. and S. line 28 lks.
	N. of the cor. to Secs. 11, 12, 13 & 14.

Subdivision Township 19 South, Rang

Chains		Chains
	Thence from	
	N. 89° 48' W. on a true line, bet.	2.00
	Secs. 11 and 14. with same Va.	3.00
39.70	Deposited a quart of charcoal	
	12 ins. in ground for 1/4 Sec. cor.,	27.00
	dug pits 18x18x12 ins. E. and W. of	28.50
	of cor., 5½ ft. dist., and raised	
	a mound of earth 1½ ft. high	40.00
	over it. In E. pit drove stake	
	2 ft. long 2 ins. square, 12 ins.	
	in ground ~~marked~~ 1/4 S. on	
	W. face.	
79.40	The cor. to Secs. 10, 11, 14 & 15.	
	Land level; soil 2nd rate	
	Undergrowth greasewood on 79.40 ch.	
		81.00
	North, bet. Secs. 10 and 11	
	Va. 16° 20' E.	
	Through brush	

Range 19 West. Salt Lake Meridian.

Chains.	
2.00	Foot of bench, Ascend.
3.00	Top of same about 8 ft. high course E. and W.
27.00	To descent from bench
28.50	Foot of same about 8 ft. below top course E. and W.
40.00	Deposited a quart of charcoal 12 ins. in 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 stake 2 ft. long, 2 ins. square, 12 ins. in ground, marked 1/4 S. on W. face.
80.00	Deposited a quart of charcoal 12 ins. in ground for Cor. to Secs. 2, 3, 10 and 11., dug pits 18 X 18 X 12 ins. in each Sec., 5 1/2 ft.

Subdivision Township 19 South, Range

Chains		Chains
	dist., raised a mound of earth	
	2 ft. high 4½ ft. base over it.	79.80
	In S.E. pit drove a stake 2 ft.	
	long 2 ins. square, 12 ins in	
	ground, marked,	
	T. 19 S. S. 2 on N.E.,	
	R. 9 W. S. 11 on S.E.,	39.90
	S. 10 on S.W., and	
	S 3 on N.W. faces, with 5 notches	
	S. and 2 notches E. edges.	
	Land nearly level,	
	Soil mixed with clay. 2nd rate.	
	Undergrowth greasewood on 80 chs.	
	East, on a random line, bet.	79.80
	sec. 2 and 11.	
	Va. 16° 20' E.	
	Over level land through brush,	
40.00	At a temporary ¼ sec. cor.	

Range 19 West, Salt Lake Meridian

Chains.	
79.80	Intersect N. and Sline 3 7 lks. N. of cor. to secs. 1, 2, 11 and 12. Thence I mm. N. 89° 44' W. on a true line, bet. secs. 2 and 11, with same Va.
39.90	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 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.
79.80	The cor. to secs. 2, 3, 10 and 11 Land level, soil mixed with gravel 2nd rate Undergrowth greasewood on 79.80 Chs.

Subdivision Township 19 South.

Chains	
	North, on a random line, between Secs 2 and 3. Va. 16° 20' E.
	Over level land through bush
40.00	Set a temporary 1/4 Sec. cor.
69.50	Foot of low ridge, course E & W. ascend
76.00	Top of same about 10 ft. high
79.80	Intersect N. boundary of township. 30 lks. E. of the cor. to Secs. 2.3.34 and 35. which is a quart of charcoal 12 ins. in ground, with pits 18 X 18 X 12 ins. in each Sec. 5½ ft. diet., and a mound of earth 2 ft. high 4½ ft. base over it. In S. E. pit a stake 2 ft. long 2 ins. square 12 ins. in ground, Marked T. 18 S. S 35 on N. E., R. 19 W. S. 2 on S. E.; T. 19 S. S 3 on S. W. and

Chains	
39.80	
79.80	

Range 19 West, Salt Lake Meridian

Chains. S. 34 on N.W. faces, with 2 notches E. and 4 notches W. edges.

Thence I run

S. 0°13' E. on a true line bet. secs. 2 and 3. with same Va.

39.80 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 a mound of earth 1½ ft. high 3½ ft. base over it. I on N. pit drove a stake 2 ft. long 2 ins square 12 ins. in ground, marked 1/4 S. on W. face

79.80 The cor. to secs. 2, 3, 10 and 11.

Land nearly level.

soil mixed with clay 2nd rate.

undergrowth greasewood on 79.80 chs.

January 26th 1882

Chains.		Chains.
	On the night of January 26 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.	87.00
		40.00
	Before commencing this line I test my compass on the line established last Night, and find it correct.	
	From the cor. to Secs. 34, 33 and 34, on the South boundary of the Township established by myself. I run North bet. Secs. 33 and 34 Va 16° 20' E	80.00
	Over nearly level ground through brush	
15.00	Top of bench about 10 ft high N.W. & S.E.	
32.50	Foot of bench course N.W. and S.E.	

Range 19 West, Salt Lake Meridian

Chains.	acros level bottom.
27.00	Road from Osceola via Congis ranch to Desret, Course N. 70° E. and S. 70° W
40.00	Deposited a quart of charcoal 12 ins. in ground for 1/4 Sec. Cor., dug pits, 18X18X12 ins. in N. and S. 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
80.00	Deposited a quart of charcoal 12 ins in ground for cor, to Secs. 27, 28, 33 and 34, 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

Subdivision Township 19 South, Rang

Chains.		Chains
	square 12 ins. in ground. Mark-	
	ed T. 19 S. S. 27 on N. E., R 19	55.25
	W. S. 34 on S. E., S. 33 on S.W.	
	and S. 28 on N.W. faces. with	
	1 notch S. and 3 notches E. edge.	56.00
	Land nearly level.	
	Soil clay and Mixed with	56.92
	gravel 2nd rate	
	Undergrowth greasewood on 80 chs.	
	East, on a random line bet.	
	Secs. 27 and 34	
	Va 16°20' E.	61.00
	Over nearly level land through	
	brush	
40.00	Set a temporary "4 per. cor.	80.40
50.50	Road from H. N. Conger's ranch	
	to Saw Mill in Mill Canon	
	course N.W. and S.E.	

Range 19 West. Salt Lake Meridian

Chains	
55.25	Road from Osceola Via Conger's ranch to Deseret Course N. 70° W. and S. 70° E. leave greasewood & enter meadow.
56.00	To H. N. Conger's barbed wire fence Course N. 15° E. and S. 15° W.
56.92	To point from which a Stake 2 ins. square, marked No 8 & for cor. to Horace N. Conger's Desert land claim, bears N. 22 chs. dist. and from same point Post No 7 of said claim bears S. 38. 00 chs. dist.
61.00	To Meadow creek 20 lks. wide 2 ft. deep muddy bottom sluggish current runs N.
80.40	Intersect N. and S. line at 84 lks. N. of the cor. to secs. 26, 27, 34 and 35. Thence Form N. 89° 24' W. on a true line, bet.

Subdivision Township 19 South, Rang

Chains.		Chains.
	Secs. 27 and 34, with same Va.	
40.20	Deposited a quart of charcoal 12 ins. in 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 stake 2 ft. long 2 ins. square 12 ins. in ground marked 1/4 S. on N. face,	61.50
		80.00
80.40	The cor. to Secs. 27, 28, 33 and 34. Land level soil 1st and 2nd rate. Greasewood on 5-6.92 chs.	
	North, bet. Secs. 27 and 28 Va. 16°20' E.	
2.30	Road course E. and W.	
40.00	deposited a quart of charcoal 12 ins. in ground for 1/4 Sec. cor.,	

Range 19 West, Salt Lake Meridian

Chains. 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, marked 14 S. on W. face,

61.50 Road from Conger's ranch to Mill Canon course N.W & S.E.

80.00 Deposited a quart of charcoal 12 ins. in ground for Cor., to Secs. 21, 22, 27 and 28. 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 ground, marked T. 19 S. S. 22 on N. E. R. 19 W. S. 27. on S. E. S. 28 on S. W. and S. 21 on N. W.

Subdivision Township 19 South, Range

Chains.		Chains.
	faces, with 2 notches S. and 3 notches E. edges,	
	Land nearly level,	
	Soil mixed with clay and gravel 2nd rate	40.15
	Undergrowth greasewood on 80. chs.	
	East, on a random line bet. secs. 22 and 27. Va. 16°20' E.	
	Over level land through brush	
40.00	Set a temporary 1/4 Sec. cor.	80.30
66.17	Road from Deseret via Bougers, ranch to Osceola course N.E. and S.W.	
66.30	To willows course N. and S.	
70.00	Leave brush	
80.30	Intersect N. and S. line 30 lks. N. of	

Range 19 West, Salt Lake Meridian

Chains.	
	Cor. to Secs. 22, 23, 26 and 27.
	Thence S mn
	N. 89°47' W. on a true line bet.
	Secs. 22 and 27. with same Va.
40.15	Deposited a quart of charcoal
	12 ins. in ground for 1/4 Sec. Cor.,
	dug pits 18X18X12 ins. E. and
	W. of Cor. 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 ground, marked 1/4 S. on N.
	face
80.30	The cor. to Secs. 21, 22, 27, & 28
	Land level soil mixed with
	clay 2nd rate
	Undergrowth greasewood and
	rabbit brush and willows on 70. chs.

Subdivision Township 19 South.

Chains.	North. bet. Secs. 21 and 22. N.a. 16° 30' E.
	Over level land through brush
40.00	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 a Mound of earth 2½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. Square, 12 ins. in ground, Marked 1/4 S on W. face,
80.00	Deposited a quart of charcoal 12 ins. in ground for cor to Secs. 15, 16, 21 and 22. dug pits 18X18X 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,

BOOK-

Range,

Chains.

40.00

80.00

Range, 19 West, Salt Lake Meridian

Chains. marked T. 19 S. S. 15 on N. E.,
R. 19 W. S. 22 on S. E.,
S. 21 S. W. and
S. 16 N. W. faces with 3 notches,
on S. and E. edges.
Land level
Soil mixed with clay 2nd rate.
Undergrowth greasewood on 80 lks.

East, on a random line, bet.
Secs. 15 and 22.
Va. 16° 20' E.
Over level land through brush
40.00 Set a temporary 1/4 Sec. cor.
80.50 Intersect N. and S. line, 68 lks.
S. of cor. to Secs. 14, 15, 22 and
23. Thence I run
S. 89° 31' W. on a true bet. Secs.
15 and 22., with same Va.

Subdivision Township 19 South, Rang

Chains.		Chains.
40.25	Deposited a quart of charcoal 12 ins. in ground for 1/4 Sec. Cor., dug pits 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,	80.00
80.50	The cor. to Secs. 15, 16, 21 and 22. Land nearly level, soil mixed with clay, 2nd rate Undergrowth Greasewood on 81.50 chs.	
	North, bet. Secs. 15 and 16. Va. 16° 20' E. Over level land through brush	
40.00	Deposited a quart of charcoal 12 ins. in ground for 1/4 Sec. Cor.,	

Range 19 West, Salt Lake Meridian

Chains. 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, marked ¼ S. on W. face

8.00 Deposited a quart of charcoal 12 ins. in ground for cor. to Secs. 9, 10, 15 and 16. 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 ground, marked T. 19 S. S 10 on N. E.,
R. 19 W. S. 15 on S. E.
S. 16 on S. W. and
S. 9 on on N. W. faces, with 4 notches S. and 3 notches E. edges

Subdivision Township 19 South, Range

Chains.		Chains.
	Land level,	
	Soil, mixed with clay 2nd rate.	
	Undergrowth greasewood on 80. chs.	
		80.58
	East, on a random line, bet. secs. 10 and 15.	
	Va. 16° 20' E.	
	Over level land, through brush	
40.00	Set a temporary 1/4 sec.	
80.58	Intersect N. and S. line 5.8 lks. N. of the cor. to secs. 10, 11, 14 and 15.	
	Thence I run	
	N. 89° 35' W. on a true line bet. secs. 10 and 15. with same Va.	40.00
40.29	Deposited a quart of charcoal 12 ins. in ground for 1/4 sec. cor. dug pits 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	

Range 19 West, Salt Lake Meridian.

Chains.

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.

80.58 The cor. to Secs. 9, 10 15 and 16.

Land level,

Soil, mixed with clay and gravel 2nd rate.

Undergrowth, greasewood on 80.58 chs.

North, between Secs. 9 and 10.

Va. 16°20' E.

40.00 Deposited a quart of charcoal 12 ins. in ground for 1/4 Sec. Cor., dug pits, 18X18X12 ins, N. and S. of Cor. 5 1/2 ft. dist., 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

Subdivision Township 19 South. Range

Chains.		Chains.
	12 ins. in ground, marked 1/4 S. on W. face.	
69.60	Wash 15 lks wide 3 ft. deep, course N. 40° E.	12.45
80.00	Deposited a quart of charcoal 12 ins. in ground for cor. to secs. 3. 4. 9. and 10 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 stake 2 ft. long 2 ins square, 12 ins. in ground, marked T.19 S. 3 on N.E., R.19 W. S.10, on S.E. S.9 on S.W. and S.4 on N.W. faces, with 5 notches S. and 3 notches E. edges. Land level Soil mixed with gravel 2nd rate Undergrowth greasewood on 80. chs.	40.00 80.80 40.40 80.80

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Range 19 West, Salt Lake Meridian.

Chains.	
	East, on a random line, bet. Secs. 3 and 10.
	Va. 16°20' E.
12.45	Wash 3 ft. deep 10 lks. wide course N. 40° E.
40.00	Set temp. 1/4 sec. cor.
80.80	Intersect N. and S. line 46 lks. S. of cor. to Secs. 2, 3, 10 and 11.
	Thence I run S. 89°40' W. on a true line, bet. Secs. 3 and 10. with perm Va.
40.40	Deposited a grant of charcoal 12 ins. in ground, for 1/4 Sec., dug pits 18X18X12 ins. E. and W. of cor., 5 ft. dist. and raised a mound of earth 1 1/2 ft. high 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,
80.80	The cor. to Secs. 3, 4, 9 and 10

Subdivision Township 19 South.

Chains.	
	Land level; soil mixed with clay 2nd rate.
	Undergrowth greasewood on 80.80 ch.
	North, on a random line, bet. secs. 3 and 4
	Va. 16° 20' E.
	Over nearly level land, through brush.
40.00	Set a temporary 1/4 sec. cor.
80.80	Intersect N. boundary of township at cor. to secs. 3, 4, 33 and 34, which is a quart of charcoal 12 ins. in ground, with pits 18X18X12 ins. in each sec. 5½ ft. dist. and a mound 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

Ran & chain

40.80

80.80

Range 19 West, Salt Lake Meridian.

Chains	ground, marked, T.18 S.L.3 4 on N.E. R.19 W. S.3 on S.E., T.19 S.L.4 on S.W. and S 3 3 on N.W. faces. with 3 notches on E. and W. edges. From South, on a true line bet secs 3 and 4 with same Va.
40.80	Deposited a quart of charcoal 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, 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
80.80	The cor. to secs. 3, 4, 9 and 10.
	Land level,
	Soil, mixed with gravel 2nd rate
	Undergrowth, greasewood on 80.80 chs.
	Jan 27th 1882.

Chains. On the night of January 27th 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.

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

From the cor. to secs. 4, 5, 32 & 33 on the S. boundary of the township, which is a quart of charcoal 12 ins. in ground with pits 18X18X12 ins. in each sec. 5½ ft. diet, and a mound of earth 2½ ft. high 4½ ft. base over it. In S. E. pit a stake 2 ins. square, marked T. 19 S. S. 33 on N. E., R. 19 W. S. 4 on S. E. T. 20 S. 5 on S. W. and S. 32. on N. W. faces with 4 notches E. and 2 notches W. edges

Chains

15.4

37.5

40.0

59.5

80.0

Range 19 West, Salt Lake Meridian.

Chains.	
	Thence S.m North, bet. Secs. 32 and 33. Va 16° 20' E.
	Over nearly level land, through brush
15.46	Road from Deseret via Gorgas' ranch to Osceola, course N. 75° E. and S. 75° W.
37.50	Top of low ridge course E. and W.
40.00	Deposited a quart of charcoal 12 ins. in ground for 1/4 Sec. Cor., dug pits 18X18X12 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. On N. pit drove stake 2 ft. long 2 ins. square, 12 ins in ground, marked "4 S. on W. face
59.50	Foot of bench about 7 ft. high course E. and W.
80.00	Deposited a quart of charcoal

Subdivision Township 19 South,

Chains	
	12 ins. in ground, for cor to Secs. 28, 29, 32 and 33, dug pits 18 X 18 X 12 ins. in each Sec., 5½ ft. dist., 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. 19 S. S 28 on N. E., R. 19 W. S. 33 on S. E., S. 32. on S. W., and S. 29 on N. W. faces, with 1 notch S. and 4 notches E. edges.
	Land nearly level,
	Soil 2nd rate
	Undergrowth greasewood on 80 chs.
	East, on a random line bet. Sec. 28 and 33
	Va. 16° 20' E.

Ro

Chains

40.00

79.80

39.90

79.80

Range, 19 West, Salt Lake Meridian

Chains.	
40.00	Set a temporary 1/4 Sec. cor.
79.80	Intersect N. and S. line 30 lks. N. of the cor. to Secs. 27, 28, 33 and 34.
	Thence Run
	N. 89° 47' W on a true line, bet. Secs. 28 and 33, with Same Va.
39.90	Deposited a quart of charcoal 12 ins. in ground for 1/4 Sec. cor. dug pits 18x18x12 ins. E. and W. of cor. 5 1/2 ft. dist., and raised a 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.
79.80	The cor. to Secs. 28, 29, 32 & 33
	Land level,
	Soil mixed with gravel 2nd rate
	Undergrowth greasewood on 79.80 Chs

Subdivision Township 19 South, Range E

Chains.	North, bet. Secs. 28 & 29. Va. 16° 20' E.	Chains.
3.00	Over level Valley, through brush.	
40.00	Road bears N. & W. Deposited a quart of charcoal 12 ins. in ground for 1/4 Sec. cor., dug pits 18X18X12 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 stake 2 ft. long 2 ins square 12 ins in ground, marked 1/4 S on W. face.	
80.00	Deposited a quart of charcoal 12 ins in ground for cor. to Secs. 20, 21, 28 and 29, dug pits 18X18X12 ins in each Sec. 5 1/2 ft. dist., raised a mound of earth 2 ft. high 4 1/2 ft. base over it. In S. E. pit drove stake 2 ft. long 2 ins square, 12 ins in ground	40.00 42.26 64.00 79.40

Range 19 West, Salt Lake Meridian.

Chains.	
	Marked, T. 19 S. 21 on N. E. R. 19 W. S. 28 on S. E., S 29 on S. W. and S 20 on N. W. faces. with 2 notches S. and 4 notches E. edges.
	Land level.
	Soil mixed with clay and gravel 2nd rate
	Undergrowth Greasewoods on 80 chs.
	East, on a random line bet. Secs. 21 and 28.
	Va. 16° 20' E.
	Over level land through brush
40.00	Set a temporary 1/4 Sec. Cor.
42.26	Wash 1½ ft. deep 20 lks wide course N.
64.00	Road from Conger's ranch to Mill in Mill Canon Course N. W. and S. E.
79.40	Intersect N. and S. line 60 lks S. of Cor. to Secs. 21, 22, 27 and 28.

Subdivision Township 19 South.

Chains.		Chains.
	Thence I run S. 89° 34' W. on a true line, bet. Secs. 21 and 28. with same Va.	
39.70	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 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 stake 2 ft. long long 2 ins. square 12 ins. in ground, inarked 1/4 S on N. face.	40.00
79.40	The cor. to Secs. 20, 21, 28 & 29	78.00
	Land level & soil mixed with clay and gravel 2nd rate	80.00
	Undergrowth greasewood on 79.40 chs.	

Range 19 West, Salt Lake Meridian.

Chains.	North, bet. secs. 21 and 20 Va. 16°20' E.
	Over level Valley, through brush.
40.00	Deposited a quart of charcoal 12 ins. in ground for 1/4 sec. Cor., dug pits 18X18X12 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 stake 2 ft. long 2 ins. square 12 ins. in ground, marked 1/4 S on W. face.
78.00	Road from Conejus ratoch to Mill Cañon course N.W and S.E.
80.00	Deposited a quart of Charcoal 12 ins in ground, for cor. to secs. 16, 17, 20 and 21, dug pits 18X18X12 ins. in each sec 5 1/2 ft. dist., and raised a

Subdivision Township 19 South.

Chains.		Ra Chains.
	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. 19 S. S. 16 on N. E., R. 19 W. S. 21 on S. E., S. 20 on S. W. and S. 17 on N. W. faces. with 3 notches S. and 4 notches E. edges, Land level, Soil, 2nd rate Undergrowth greasewood and rabbit brush on 80. chs.	79.36
		39.68
	East, on a random line, bet. Secs. 16 and 21 Va. 16° 20' E.	79.36
	Overlook Valley through brush	
40.00	Set a temporary ¼ Sec. cor.	

Range 19 West, Salt Lake Meridian.

Chains.	
79.36	Intersect N. and S. line 72 lks. S. of the cor. to Secs. 15.16.21 & 22. Thence S. mm S. 89° 29' W. on a true line, bet. Secs. 16 and 21, with same Va.
39.68	Deposited a quart of charcoal 12 ins. in ground for 1/4 Sec. Cor., dug pits 18X18X12 ins. E and W. 5½ ft. dist., 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 1/4 S on N. face,
79.36	The cor. to Secs. 16, 17, 20 and 21 Land level; Soil 2nd rate Undergrowth greasewood and rabbit brush on 79.36

Subdivision Township 19 South, Range

Chains.	North, bet. Secs. 16 and 17 Va. 16° 20' E.	Chains.
	Over level land, through brush	
40.00	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 4½ 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.	
80.00	Deposited a quart of charcoal, 12 ins. in ground for Cor. to Secs. 8, 9, 16 and 17. dug pits 18 X 18 X 12 ins in each Sec., 5½ ft. dist. 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	40.00 79.20

Range 19 West, Salt Lake Meridian

Chains.	
	ground, marked
	T. 19 S. S. 9 on N. E.,
	R. 19 W. S. 16 on S. E.,
	S. 17 on S. W. and
	S 8 on N. W. faces with 4 notches
	on S. and E. edges.
	Land level,
	Soil mixed with gravil 2nd rate.
	Undergrowth, Rabbit brush and
	greasewood on 80. Chs.
	East, on a random line bet. Secs.
	9 and 16
	Va 16° 20' E.
	Over level land, Through brush
40.00	Set a temporary 1/4 Sec. Cor.
79.20	Intersect N. and S. line, 35 lks
	S. of the cor to Secs. 9, 10, 15 and 16
	Thence I run

Subdivision Township 19 South.

Chains.		Chains.
	S. 89° 45' West, on a true line, bet. Secs. 9 and 16, with same Va.	40.00
39.60	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 Cor. 5½ 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 ground, marked, 1/4 S. on W. face.	80.00
79.20	The Cor. to Secs. 8, 9, 16 and 17. Land level, soil mixed with gravel 2nd rate Undergrowth greasewood and rabbit brush. on 79.20 chs.	
	North, bet. Secs. 8 and 9. Va. 16° 20' E.	

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Range, 19 West, Salt Lake Meridian

Chains.	
	Over level ground, Through bush
40.00	Deposited a quart of charcoal 12 ins. in ground for 1/4 sec. cor. dug pits 18X18X12 ins. N. and S. of cor. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In N. pit drove stake 2 ft. long 2 ins. square 12 ins in ground, marked 1/4 S. on W. face.
80.00	Deposited a quart of charcoal 12 ins. in ground for the cor. to secs., 4, 5, 8 and 9, dug pits 18X18X12 ins. in each sec. 5 1/2 ft. dist., 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 ground, marked T. 19 S S. 4 on N. E., R. 19 W. S. 9 on

Subdivision Township 19 South,

on S.E., S. 8 on S.W. and S. 5 on N.W. faces, with 5 notches S. and 4 notches E. edges. Land level, soil 2nd rate, Undergrowth greasewood and rabbit brush on 80. chs.

East, on a random line, bet. secs. 4 and 9.

Va. 16° 20' E.

Over level ground through brush.

40.00 Set a temporary 1/4 sec. cor.

7940 Intersect N. and S. line 35 lks. S. of the cor. to secs. 3, 4, 9 and 10. Thence I run S. 89° 45' W. on a true line, bet. secs. 4 and 9, with same Va.

39.70 Deposited a quart of charcoal

Rau

Chains

7940

30.00

BOOK-A-180

Range 19 West Salt Lake Meridian

Chains	
	12 ins. in ground for 1/4 Sec. Cor., dug pits E. and W. 5 1/2 ft. diet., and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove stake 2 ft. long 2 ins. square, 12 ins. in ground, marked 1/4 S. on N. face.
79.40	The cor. to Secs. 4, 5, 8 and 9. Land level, soil mixed with clay and gravel, 2nd rate. Undergrowth greasewood, and rabbit brush on 79.40 chs.
	North, on a random line, bet. Secs. 4 and 5.
	Va. 16° 20' E.
	Over nearly level land through brush.
30.00	To a point about 200 lks. E. of

Subdivision Township 19 South,

Chains.		Chains.
	a meadow of about 200 acres.	
40.00	Set a temporary 1/4 sec. cor.	
80.80	Intersected N. boundary of township 28 lks. E. of the cor. to 4, 5, 32 and 33. Which is a quart of charcoal 12 in in ground, with pits 18X18X12 ins. in each sec. 5½ ft. dist. and a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit, a stake 2 ft. long 2 ins. square, 12 ins. in ground, marked T.18 S S33 on N.E., R19 W. S. 4 on S.E., T.19 S. S 5 on S.W. and S. 32 on N.W. faces. with 4 notches E. and 2 notches W. edges. Thence I run S. 12' E. on a true line, bet. secs. 4 and 5. with same Va.	80.80
40.80	Deposited a quart of charcoal	

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Range 19 West, Salt Lake Meridian.

Chains. 12 ins. in ground, for 1/4 Sec. cor., dug pits 18X18X12 ins. on N. and S. of cor. 5 1/2 ft. dist., and raised a mound of Earth 1 1/2 ft. high 5 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. Side.

80.80 The cor. to Secs. 4.5.8 and 9.

Land level, Soil mixed with gravel 2nd rate.

Undergrowth greasewood and rabbit brush on 80.80 chs.

January 28th 1882.

On the night of Jan. 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. Before commencing this line, I test my compass on the line established last night, find it correct

Subdivision Township 19 South. Rang

Chains.		Chains.
	From the cor. to Secs. 5, 6, 31 and 32 which is a quart of Charcoal, 12 ins. in ground, with pits 18X18X12 ins. in each Sec. 5½ ft. dist., and a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit a stake 2 ft. long 2 ins. square, 12 ins. in ground, marked T. 19 S. 32 on N.E. R. 19 W. 5 on S.E., T. 20 S. S. 6 on S.W. and S. 31 on N.W. faces; with 5 notches E. and 1 notch W. edges. Thence I run	40.00
	North bet. Secs. 31 and 32.	79.34
	Va 16° 20' E	80.00
	Over nearly level land, through brush	

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Range. 19 West, Salt Lake Meridian.

Chains.	
40.00	Deposited a quart of charcoal 12 ins. in ground for 1/4 sec. cor. dug pits 18X18X12 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 stake 2 ft long 2 ins. square 12 ins. in ground, marked 1/4 S on W. face.
79.34	Road from Congers Ranch to Cañon course N. 85° E and S 85° W.
80.00	Deposited a quart of charcoal 12 ins. in ground for cor. to secs. 29. 30, 31 and 32, dug pits 18X18X12 ins. in each sec, 5 1/2 dist. raised a mound of earth 2 ft. high 4 1/2 ft. base over it.

Subdivision Township 19 South,

Chains.		Chains.
	In S.E. pit drove, stake 2 ft. long 2 ins. square, 12 ins. in ground, marked, T.19 S. S.29 N.E., R.19 W. S. 32 on S.E., S.31 S.W. and	80.80
	S.30 N.W. faces with 1 notch S. and 5 notches E. edges,	40.40
	Land nearly level, soil mixed with clay and gravel 2nd rate. Undergrowth greasewood on 80 chs.	
	East, on a random line, bet. Secs. 29 and 32.	80.80
	N. 16° 20' E.	
	Over nearly level land through brush,	
7.00	Road course N. 85° E. and S. 85° W.	
40.00	Set a temporary 1/4 Sec. cor.	

Range 19 West, Salt Lake Meridian.

Chains.	
80.80	Intersect W. and S. line 21 lks. N. of the cor. to Secs. 28, 29, 32 and 33. Thence I run N. 89° 51' W. on a true line, bet. Secs. 29 and 32. with same Va.
40.40	Deposited a quart of charcoal 12 ins. in ground, for 1/4 Sec. cor. dug pits 18 X 8 X 12 ins. E. and W. of cor. 5½ ft. dist., 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 ground, marked 1/4 S. on N. face
80.80	The cor. to Secs. 29, 30, 31 and 32. Land nearly level. Soil mixed with clay and gravel 2nd rate. Undergrowth greasewood on 80.80 chs.

Chains.	West, on a random line, bet. sec. 30 and 31	Chains.
	Va. 16° 20' E.	39.86
40.00	Set a temporary 1/4 sec. cor.	
40.50	Leave greasewood N. and S.	
79.86	Intersect the W. boundary of the township 30 lks. N. of the cor. to secs. 25, 30, 31 and 36; which is a marked stone 12 ins. in ground with pits 18X18X12 ins. in each sec. 3½ ft. dist., raised a mound of earth over it 2 ft high 4½ ft. base, in S. E. pit find stake 2 ft. long 2 ins. square, marked T. 19 S. 30 S. on N. E., R. 19 W. S. 31 S. E. R. 20 W. S. 36 S. W. and S. 25 on N. W. faces, with 1 notch S. and 3 notches N. edges. Found Iron	79.86
		40.00

Range 19 West, Salt Lake Meridian.

Chains.	
	S. N. 89° 47' E. on a true line, bet. Secs. 30 and 31. with Azimuth Va.
39.86	Deposited a quart of charcoal 12 ins. in ground for 1/4 Sec. cor., dug pits 18X18X12 ins E. and W. of cor. 5½ ft. dist. and raised a mound of earth over it. S. on E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in ground, marked 1/4 S on N. face.
79.86	The cor. to Sect. 29, 30, 31 and 32. Land level, Soil mixed with gravel 2nd rate. Undergrowth greasewood on 40.50 chs.
	North, bet. Secs. 29 and 30 Va. 16° 20' E. Over nearly level, ground through brush.
40.00	Deposited a quart of charcoal.

Subdivision Township 19 South, Rang

Chains.		Chains.
	12 ins. in ground, for 1/4 Sec. Cor.	
	dug pits 18X18X12 ins. N. and S.	
	of Cor. 5 1/2 ft. dist., and raised a	
	mound of earth 2 ft. high 3 1/2 ft.	
	base over it. In N. Pit drove	
	stake 2 ft. long 2 ins square, 12	
	ins. in ground, marked 1/4 S. on	
	W. face.	
80.00	Deposited a quart of charcoal 12	
	ins. in ground for Cor. to Secs. 19, 20,	
	29 and 30, dug pits 18X18X12 ins.	
	in each Sec., 5 1/2 ft. dist., raised	40.00
	a mound of earth 2 1/2 ft. high 4 1/2	80.70
	ft. base over it. In S. E. pit	
	drove stake 2 ft. long 2" ins square	
	12 ins in ground, marked	
	T. 19 S. S 20 on N. E.,	
	R. 19 W. S. 29 on S. E.,	40.35
	S. 30 on S. W., and	
	S. 19 on N. W. faces. with 2 notches	

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Range 19 West, Salt Lake Meridian.

Chains- S. and S. notches E. edges.
Land level,
Soil clay, 2nd rate
undergrowth greasewood and
rabbet brush on 80. chs

East, on a random line, bet. Secs.
20 and 29.
Va. 16° 20' E.
Over level, ground through brush.
40.00 Set a temporary 1/4 Sec. Cor.
80.70 Intersect N. and S. line 42 lks. N.
of the cor. to Secs. 20, 21, 28 and 29.
Thence S 5m
N. 89° 42' West on a random line,
bet. Secs. 20 and 29, with same Va.
40.35 Deposited a quart of charcoal 12
ins. in ground for 1/4 Sec. Cor.
dug pits 18X18X12 ins. E. and N.

Subdivision Township 19 South, Rang

Chains.		Chains.
	5½ ft. dist., and raised a mound of earth 1½ ft. high 3½ ft. base, over it. On E. pit drove stake 2 ft. long, 2 ins. square, 12 ins. in ground marked "4 S on N. face.	
80.70	The cor to Secs. 19, 20, 29 and 30	
	Land, level	
	Soil, mixed with clay, 2nd rate.	
	Undergrowth greasewood on 80.70	
	West, on a random line, bet. Secs. 19 and 30.	
	Va 16° 20' E.	
	Over nearly level ground through brush,	39.50
40.00	Set a temporary ¼ Sec. Cor.	
79.50	Intersect the West boundary of Township 35 lks. N. of the cor. to Secs. 19, 24, 25 and 30, which	

Range, 19 West, Salt Lake Meridian.

Chains. is a marked stone, 12 ins. in ground, with pits 18X18X12 ins in each sec. 5½ ft. dist. and a mound of earth 2 ft. high 4½ ft. base over it. In S.E. a stake 2 ft. long 2 ins. square, 12 ins in ground, marked
T.19 S.S.19 on N.E.,
R.19W. S. 30 on S.E.,
R20W. S 25 on S.W., and
S.24 on N.W. faces. with 2 notches S. and 4 notches N. edges.
Thence from
N.89°45' E. on a true line bet. secs. 19 and 30. with same Va.

39.50 Deposited a quart of charcoal 12 ins in ground for ¼ sec. cor., dug pits 18X18X12 ins. E. and W. of cor., and in E. pit drove a stake 2 ft. long 2 ins. square, 12 ins in

Subdivision Township 19 South, Range

Chains.		Chains.
79.50	ground marked "¼ S. on N. face. The cor. to Secs. 19, 20, 29 and 30	80.00
	Land level	
	Soil, mixed with Clay, 2nd rate	
	undergrowth greasewood and	
	rabbit brush on 79.50 Chs.	
	North, bet. Secs. 19 and 20.	
	Va 16° 20' E.	
	Over level ground, through brush.	
40.00	Deposited a quart of Charcoal	
	12 ins. in ground for ¼ Sec. Cor.,	
	dug pits 18 X 18 X 12 ins. E.	
	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, marked "¼ S on	

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Chains. | N. face.

30 80.00 | Deposited a quart of charcoal 12 ins. in ground, for cor. to Secs. 17, 18, 19 and 20, dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. 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. 19 S. S. 19 on N. E.,
R. 19 W. S. 20 on S. E.,
S. 19 on S. W. and
S. 18 on N. W. faces, with 3 notches S. and 5 notches E. edges.
Land level soil clay 3rd rate
Undergrowth grease wood and rabbit brush on 80.00 chs.

East, on a random line bet.

Sub-division Township 19 South, Range

Chains.		Chains.
	Secs. 17 and 20	
	Va. 16° 20' E.	
	Over level land, Through brush.	
40.00	Set a temporary 1/4 Sec cor.	
77.90	A road course N. 60° W. and S. 60° E.	
79.92	Intersect N. and S. line 30 lks. N. of the	
	cor. to Secs. 16, 17, 20 and 21.	
	Thence S mm	
	N. 89° 47' W. on a true line bet.	
	Secs. 17 and 20 with same Va	40.00
39.96	Deposited a quart of charcoal	77.88
	12 ins. in ground for 1/4 Sec. cor.,	
	dug pits 18X18X12 ins E. and W.	
	of cor. 3½ 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 ground, marked	
	1/4 S. on N. face.	
79.92	The cor. to Secs. 17, 18, 19 & 20.	

Range, 19 West, Salt Lake Meridian

Chains. Land nearly level,
soil 2nd and 3rd rate
Undergrowth greasewood on 79.88 chs.
January 30th 1882.

West, on a random line bet. secs. 18 and 19.

Va. 16°20' E.

Over nearly level land through brush

40.00 Set a temporary 1/4 sec cor.

79.88 Intersect West boundary of Township 16 Chs. N. of the cor. to secs. 13, 18, 19 and 24, which is a marked stone 12 ins. in ground, with pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist., and a mound of earth 2 ft. high 4 1/2 ft. base over it. In S. E. pit find a stake 2 ft. long 2 ins. square, 12 ins.

Subdivision Township 19 South Range

Chains	in ground, marked T.19 S.S13 on N.	Chains.
	R.19W. S.19 on S.E.,	
	R20W. S.24 on S.W. and	
	S.13 on N.W. faces, with 3	
	notches N. and S. edges. Thence S.	40.00
	N.89°53' East on a true line	
	bet. secs. 17 and 19, with same Va.	
39.88	Deposited a quart of charcoal	
	12 ins. in ground for 1/4 sec. cor.	
	dug pits 18x18x12 ins. E and	
	W. of cor. 5½ ft. dist. and rais	
	ed a mound of earth over it.	
	In E. pit drove a stake 2 ft.	
	long 2 ins. square, 12 in ground	80.00
	marked 1/4 S. on N. face.	
79.88	The cor. to secs. 17, 18, 19 & 20	
	Land nearly level,	
	soil mixed with clay and	
	gravel 2nd rate. Undergrowth	
	greasewood and rabbit brush on 79.88 chs.	

Range, 19 West, Salt Lake Meridian

	chains.	North, bet. Secs. 17 and 18.
		Va. 16°20' E.
		Over flat clay land grounded through brush.
	40.00	Deposited a quart. of charcoal 12 ins. in ground for 1/4 sec. cor., dug pits 18X18X12 ins. N. and S. of cor. 5 1/2 ft. dist., and raised a mound of earth 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.
	80.00	Deposited a quart of charcoal 12 ins. in ground, for cor. to Secs 7, 8, 17 and 18, dug pits 18X18X12 ins in each sec. 5 1/2 ft. dist. raised a mound of earth 2 ft. high 4 1/2 ft. base over it. In S. E. pit drove a stake

Subdivision Township 19 South

Chains		Range
	2 ft. long 2 ins. square 12 ins. in ground, marked.	Chains
	T. 19 S. S. 8 on N. E.	0.00
	R. 19 W. S. 17 on S. E.	1.30
	S. 18 on S. W. and	
	S. 7 on N. W. faces, with 4 notches S. and 5 notches E. edge	
	Land level.	4.015
	Soil, clay 3rd rate.	
	Undergrowth, greasewood and rabbit brush. on 80. chs.	
	East, on a random line, bet. secs. 8 and 17.	
	Va. 16° 20' E.	
	Over nearly level land through brush.	80.30
6.20	Road from Conger's ranch via Mill Cañon course N. W. & S. E.	

Range 19 West, Salt Lake Meridian.

Chains	
0.00	Set a temporary 1/4 Sec cor.
1.30	Intersect N. and S. line 25 lks. N. of the cor. to Secs. 8. 9. 16 and 17. Thence I run N. 89° 49' W. on a true line, bet. Secs. 8 and 17 with same Va.
40.15	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 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 stake 2 ft. long 2 ins. square, 12 ins. in ground, marked 1/4 S. on N. face
80.30	The cor. to Secs. 7. 8. 17 and 18. Land level, soil clay 3rd rate. Undergrowth, greasewood and rabbit brush on 80.30 chs.

Subdivision Township 19 South, Range

Chains.		Chains.
	West, on a random line, between Secs. 7 and 18.	
	Va. 16° 20' E.	
	Over level ground, throughout	79.60
40.00	Set a temporary ¼ sec. cor.	
79.60	Intersect W. boundary of township 42 lks. N. of the cor. to secs. 7, 12, 13 and 18. which is a marked stone, 12 ins. in ground, pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and a mound of earth 2 ft. high 4½ ft. base over all. In S. E. pit have a stake 2 ft. long 2 ins. square, 12 ins. in ground, marked,	79.60
	T. 19 S. S. 7 on N. E.	
	R. 19 W. S. 18 on S. E.	
	R. 20 W. S. 13 on S. W. and	
	S. 12 on N. W. faces with 4 notches S. and 2 notches N. edges	

Range 19 West, Salt Lake Meridian

Chains.	
	Thence I run
	N. 89° 42' E. on a true line,
	bet. Secs. 7 and 18. with same Va.
79.60	Deposited a marked stone 12
	ins. in ground, for 1/4 sec. cor.,
	dug pits 18 X 18 X 12 ins. E. and
	W. of cor. 5 1/2 ft. dist., raised a
	mound of earth 1 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.
79.60	The cor. to Secs. 7, 8, 17 and 18.
	Land level, soil clay 3rd rate.
	Undergrowth, greasewood and
	rabbit brush on 79.60 Chs

North, bet. Secs. 7 and 8.
Va. 16° 20' E.

Chains	Over level, ground, through bu	Chains	
7.40	Road from Conger's Ranch		g
	mill Canon course N.W. and S.		S.
40.00	Deposited a quart of charcoa		C.
	12 ins in ground for 1/4 Sec. c		S.
	dug pits 18X18X12 ins. N. and		S.
	of Cor. 5 1/2 ft. dist., raised a		E.
	mound of earth 2 1/2 ft. high 3 1/2		I
	ft. base over it. In N. pit		cor
	drove stake 2 ft. long 2 ins		Ann
	square, 12 ins. in ground		sa
	marked "4 S. on N. face.		
80.00	Deposited a quart of charcoal		E
	12 ins. in ground, for the cor. to Sec		sec
	5, 6, 7 and 8, dug pits 18X18X12		
	ins in each Sec. 5 1/2 ft. dist		Co
	raised a mound of earth 2	5.00	Lea
	ft. high 4 1/2 ft. base over it		mea
	In S. E. pit drove stake 2 ft	4.00	De
	long 2 ins square 12 ins in	2.50	Lea

Range 19 West, Salt Lake Meridian

ground, marked,
T. 19 S. S. 5 on N. E.,
R. 19 W. S 8 on S. E.,
S. 7 on S. W. and
S. 6 on N. W. faces, with 5 notches
E. and 5 notches S. edges.
Land level
Soil mixed with gravel 2nd rate.
Undergrowth, greasewood and
rabbit brush on 80.00 chs.

East, on a random line, bet.
Secs. 5 and 8.

Va. 16° 20' E.

Over level ground through brush
5.00 Leave greasewood and enter
meadow.
4.00 Set a temporary ¼ sec.
2.50 Leave meadow and enter brush,

Subdivision of Township 19 South,

Chains.	on	Links.
80.20	Intersect N. and S. line, 15 lks. W. of cor. to secs. 4, 5, 8 and 9. Thence N. N. 89° 54' W. on a true line, bet. secs. 5 and 8. with same Va.	6.00
40.10	Deposited a quart of charcoal 12 ins. in ground for 1/4 sec. cor. dug pits 18X18X12 ins. E. and W. of cor. 5 1/2 ft. dist.; raised a mound of earth 12 ft. high, 6 ft. base over it. In E. pit drove stake 2 ft. long 2 ins. square 12 ins. in ground, marked 1/4 S. on N. face.	40.00 46.00 60.00 79.50
80.20	The cor. to secs. 5, 6, 7 and 8. Land nearly level. Soil mixed with clay, 2nd rate. Undergrowth, greasewood or rabbitbush on 52.30 chs.	

Range 19 West Salt Lake Meridian.

Chains.	
	West on a random line bet. Secs 6 & 7. Va. 16° 20' E.
6.00	Leave greasewood brush course N. and S. at foot of gently ascending bench
10.00	Set a temporary 1/4 Sec. Cor.
46.00	Road from Conger's ranch to mill canon course N.W. and S.E.
60.00	Road from Salt Marsh to Roche Nevada course N & S.
79.50	Intersect W. boundary of township, 30 lks N. of Cor. to Secs. 1, 6, 7 and 12, which is a white marble stone, 15 x 9 x 8, ins 10 ins in ground, marked 5 notches S. and 1 notch N. edge; with a mound of earth and stone along side Thence Run N. 89° 47' E. on a true line

bet. Secs. 6 and 7. with same va. chains

39.80 Set a lime stone, 14x8x6 ins, 10 ins. 39.80
in ground for 1/4 Sec. cor. mark-
ed 1/4 on N. face. dug pits 18x18x
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
~~along~~ side.

79.80 The cor. to Secs. 5, 6, 7 and 8
Land Ascends to W. bench
Soil mixed with gravel va. 2
Undergrowth greasewood on 65 39.80

North on a random line bet. Sec.
5 and 6

Va 16° 20' E.

7.00 Leave greasewood brush and
ascend gradual bench.

40.00 Set a temporary 1/4 Sec. cor.

Range, 19 West, Salt Lake Meridian

Chains	
9.80	Intersect N. boundary of township 60 lks. E. of the cor to secs. 5, 6, 31 and 32. which is a quartzite stone 20 X 10 X 6 ins. 15 ins. in ground, marked 5 notches E. and 1 notch W. edges. with a mound of earth and stone along side. Thence I run S. 26' E. on a true line, bet. secs. 5 and 6.
39.80	Deposited a quart of charcoal 12 ins. in ground for 1/4 sec. cor. dug pits 18 X 18 X 12 ins N. and S. of cor. 5 1/2 ft. dist. 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.

Subdivision Township 19 South

Chains.	
7.80	The cor. to Secs. 5, 6, 7 and 8. Land slopes gently S. soil mixed with gravel 2nd rate undergrowth greasewood on 7.00 Chs.
	January 31st 1882

BOOK-A-180

9 South, Range 19

Plains

General Description
The land in this township is about the same as the general average, being nearly level Valley. There are however Mountains in S. E. and benches in N. W. parts of the township There is rich land along Meadow creek, producing hay. There is one Settler Sec. 34 having improvements in Secs. 26, 27 34 and 35 Meadow creek is formed from Spring South of this township and runs N. through Sec 34

and into Sec. 27 where it sinks,

This Township is devoid of timber.

Heavy undergrowth in Valley

Andrew J. Stewart
U. S. Deputy Sur.

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, July 22nd 1882.

The foregoing field notes of the survey of the

Subdivisions

Township No 19 ~~South~~ *Range No* 19 ~~South~~ West

of the Salt Lake Meridian, Utah Territory,

Executed by Andrew J. Stewart

Under his *contract No* 103

of the 15 *day of* June 1881,

in the month of January 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.