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REPORT: 1

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Examined by

Transcribed by

Compared by

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Township No

Range No 1

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BOOK-A-205

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REPORT: 1885 1

Filed 188

Examined by H. C.

Transcribed by J. Michaelis

Compared by O. Solomon & H. Atkinson

FIELD NOTES

OF THE SURVEY OF THE

East & West Boundaries

OF

Township No 21 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. 125

Dated April 7 1884

Survey commenced May 22nd 1884

Survey completed " 23rd 1884

NAMES AND DUTIES OF ASSISTANTS:

	Compassman.
	Chainman.
	Chainman.
	Chainman.
	Chainman.
	Axeman.
	Axeman.
	Flagman.

BOOK-

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BOOK-A-205

West boundary T. 21 S. R. 19 W.

On the night of May 20th 1884, 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 May 22nd 1884 with a Burt's 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 21 and 22 South ranges 19 and 20 West. which is a cobble stone 16 x 10 x 6 ins. firmly set in the ground marked 6 notches on N. E. S. and W. edges, with pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and a mound of earth 2 ft.

West Boundary T 21 S. R. 19 W.

Chains. high 4½ ft. at base along sid

Thence

North between secs. 31 & 36

Va. 16°20' E.

21.00 Wash drs. N. E.

37.50 Road from C. W. Rolands ranch to Clover Ranch brs. N. W. and S. E.

40.00 Deposited a marked stone 1 ins. in the ground for ¼ sec c dug pits 18 X 18 X 12 ins. N. and S. of cor. 5½ ft. dist. and raised a mound of earth 1½ high 3½ ft. at 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.

54.00 Branch of Snake Cr. 15 lks. wide 12 ins. deep rapid current rocky bottom runs N. E.

66.00 Leave greasewoods brs E. & W.

80.00 Set a cobble stone 15 X 6 X 5 ins 10 ins. in ground for the cor. to secs. 25, 30, 31 and 36, marked 1

Salt Lake Meridian.

Chains. notch S. and 5-notches on N. edges, dug pits 18X18X12 ins. in each sec. ~~sec.~~ 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. at base along side.

Land gently rolling ~~to~~ soil 1st and 2nd rate.

Dense greasewood undergrowth on 66.00 Chs.

North bet. Secs. 25 and 30.
Va 16°20' E.

Through ~~dense~~ brush.

5.00 To overflow of Snake Cr. 3 ins. deep 6.50 Chs. wide runs N. E.

12.00 Snake Cr. 16 lks. wide 6 ins. deep rapid current rocky bottom runs N. E.

37.00 Trail brs. N.W. and S. E.

40.00 Deposited a marked stone 12 ins. in ground for 1/4 sec. cor. dug pits 18X18X12 ins N. and S.

West Boundary T. 21 S. R. 19 W.

Chains 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 4 S. on W. face.

43.50 Road from Cow Cr. Via Black Rock to Clover Cr. Ran bis. N. E. and S. W.

47.50 Cr. 10 lks. wide runs N. E.

80.00 Set a cobble stone 14 X 8 X 6 ins. ins. in ground for the cor. to Secs. 19, 24, 25 and 30, marked 2 notches on S. and 4 notches N. Edges. dug pits 18 X 18 X 12 ins. in Each sec. 5½ ft. dist. and raised a mound of Earth 2 ft. high 4½ ft. base along the

Land level,

soil 1st rate

Brush undergrowth greasewood on 80.00 Chs.

Salt Lake Meridian

Chains North, bet Secs. 19 and 24
Va 16° 20' E

40.00 Set a cobble stone 14 X 8 X 6 ins. 8 ins. in ground for 1/4 sec. cor. marked 1/4 on W. face dug pits 18 X 18 X 12 ins. N. and S. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft high 3 1/2 ft. base along side

80.00 Set a cobble stone 15 X 8 X 4 ins. 10 ins. in ground, for cor. to Secs 13, 18, 19 and 24, marked 3 notches on N. and S. edges dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base along side

Land level

Soil 1st rate

Dense undergrowth grease-wood and rabbit brush on 80 chs.

8

West boundary T. 21 S. R. 19 W.

Chains. North, bet. secs. 13 and 18
Va. 16° 20' E.

40.00 Set a cobble stone 14 x 8 x 6 ins.
8 ins. in ground for 1/4 sec.
Cor. marked 1/4 on W. face
and dug pits 18 x 18 x 12 ins. N.
and S. of stone 5 1/2 ft. dist.
and raised a mound of earth
1 1/2 ft. high 3 1/2 ft. base along
side.

80.00 Set a cobble stone 15 x 6 x 4 ins.
10 ins. in ground for cor to
secs 7, 12, 13 and 18. marked 4
notches on S. and 2 notches
on N. edge. dug pits 18 x 18 x 12
ins. in each sec. 5 1/2 ft. dist.,
and raised a mound of
earth 2 ft. high 4 1/2 ft. base
along side.

Land level
soil 1st & 2nd class
Timber, undergrowth greasewood
on 80.00 Chs.

Salt Lake Meridian

Chains North bet. Secs. 7 and 12
Va. 16°20' E.

12.00 Road brs N.E. and S.W.

40.00 Set a cobble stone 14X8X4 ins. 8 ins in ground for ¼ Sec. cor. marked ¼ on W. face and raised a mound of earth and stone along side.

78.00 Low sand ridge brs. E. and W.

80.00 Set a gray lime stone 14X10X6 ins. 8 ins. in ground for ~~¼ Sec.~~ cor. to Secs. 1, 6, 7 and 12, marked 5 notches S. and 1 notch N. 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 mainly level

Soil 1st and 2nd rate

Dense undergrowth greasewood and rabbit brush on 80 chs.

West, boundary T. 27 S. R. 19 W. S. L. Mer

Chains. North, bet. secs. 1 and
6.

Va. 16°20' E.

9.85 Intersect 4th Standard parallel South at a point 18.85 chs. E. of the cor. to Tp 20 S. Rs 19 & 20 W. which is a charred cedar post 4 ft. long 4 ins. square firmly set in the ground, marked S. C. T. 20 S. on N., R 19 W. S. 31 on E. and R. 20 S. 36 on W. faces with 6 notches on N. E. and W. faces with pits 24 X 18 X 12 ins. lengthwise on each line N. E. and W. of post 6 ft. dist. and a mound of earth 2 ft. high 4½ ft. base, around post. and at the point of intersection set a gray lime stone 15 X 10 X 6 ins. 10 ins. in ground for closing cor. to secs. 1 and 6. marked C. C. on S. with 6 notches on S. E. and W. edges. dug pits 24 X 18 X 12 ins. S. E and W. of stone

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Salt Lake Meridian.

Chains 6 ft. dist. and raised a mound of earth 2 ft high 4½ ft. at base along

Land level. ~~soil~~
Soil 1st rate.
Dense greasewood undergrowth on 9.85 Chs.

May 22nd 1884

East boundary T. 21 S. R. 19 W.

Chains	
	I begin at the cor to Tps. 21 and 22 S. Rs. 18 and 19 W. re established by my self. Thence North bet. secs 31 and 36 Va 16° 20' E.
0	Descend abruptly
5.00	Wash drs. N. W.
15.00	Top of ridge descends N. W.
36.50	Wash drs. N. W.
40.00	Set a blue lime stone 13 x 12 x 3 ins. 12 ins. in ground for 1/4 sec. cor. marked 1/4 on W. face. and raised a mound of earth and stone along side
51.50	Wash in hollow drs. N. W.
75.00	
80.00	Set a blue lime stone 18 x 10 x 8 ins. 12 ins. in ground for the cor. to secs. 25, 30, 31 and 36. marked 1 notch on S. and 5 notches on N. Edges. and raised a mound of Earth and stone along side
	Land rolling
	Soil 2nd rate

Salt Lake Meridian.

Chains Dense undergrowth sage brush on 80 00 chs.

North, bet. secs. 25 and 30.
Va 16°20' E.

40.00 Set a blue lime stone 18X12X10 ins. 12 ins. in ground for ¼ sec cor. marked ¼ on W. face and raised a mound of earth and stone along side.

41.25 Wash dir. N. E.

73.00 " " " " "

80.00 Set a blue lime 15X10X5 ins 10 ins. in the ground, for cor. to secs. 19, 24, 25 and 30, marked 2 notches S. and 4 notches N. edges and raised a mound of earth and stone along side.

Land descends N.

Soil 2nd and 3rd rate

dense sage brush undergrowth on 80.00 chs.

East Boundary T. 21 S. R. 19 W.

Chains. North, bet. Secs. 19 and 24.
Va. 16°20' E.

16.50 Wash dir. N. E.

31.50 " " " " "

40.00 Set a blue lime stone 14x8x6 ins. 8 ins. in ground for ¼ Sec cor. marked ¼ on W. face; and raised a mound of earth and stone along side

45.40 Wash dir. N. W.

57.00 same " " E.

80.00 Set a blue lime stone 12x10x8 ins. 8 ins. in ground for the cor. to Secs. 13, 18, 19 and 24, marked 8 notches on N. and S. edges and raised a mound of earth and stone along side.

Land descends N.

Soil, Dry rate

Dense sage brush on sides

Salt Lake Meridian.

Gains North, bet. Secs. 13 and 18.
Va 16° 21' E.

2.00 Trail, brs. N. W.

4.00 Road from Corn Cr. in Utah
Via Black Rock and Snake Cr.
to Clover Ranch in Nevada

40.00 Set a cobble stone 16X6X3 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

80.00 Set a blue lime stone 14X12X3
ins. 8 ins. in ground for the cor.
to Secs. 7, 12, 13 and 18 marked
4 notches on S. and 2 notches
on N. edges, dug pits 18X18X12
ins. in each Sec. 5½ ft. dist.
and raised a mound of earth
2 ft. high 4½ ft. base along
side.

Land nearly level,
Soil 1st rate
Dense undergrowth Greasewood
on 80. chs.

East Boundary T. 21 S. R. 19 W.

Chains. North, bet. Secs. 7 and 12
N. 16° 20' E.

40.00 Set a blue lime stone 14 X 8 ins. 8 ins. in ground for 1/4 sec. cor. marked 1/4 on W. face dug pits 18 X 18 X 12 ins. N. and S. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base along side

80.00 Set a blue lime stone 14 X 10 X 6 ins. 8 ins. in ground for the cor. to Secs. 6 7 and 12, marked 5 notches S. and 1 notch N. edges, dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base along side.

Land level.

Soil 1st and 2nd rate

Timber greasewood underbrush on 80 chs.

Salt Lake Meridian

Chain.

North bet.
Secs. 1 and 6

Va 16°20' E.

11.00 Intersect 4th Standard parallel South at a point 15.50 chs E of cor. to T.p. 20 S. Rs. 18 and 19 W. which is a charred cedar post 4 ft long 4 ins square firmly set in the ground marked S. C. T. 20 S. on N., R. 18 W. S. 31 on E. and R. 19 W. S. 36 on W. faces with 6 notches on N. E. and W faces with pits ~~18X1~~ 24X18X12 ins lengthwise on each line N. E. and W. of post 6 ft. dist. and a mound of earth 2 ft. high 4½ ft. base around post. and at the point of intersection, set a cobble stone 15X10X8 ins. 10 ins. in ground for closing corner

East Boundary T. 21 S. R 19 W. S. L. M.

Chains. T. 21 S. Rs. 18 and 19 W. marked C.C. and 6 notches. on S. and E. and W. Edges, dug pits 2 4X18X1½ ms lengthwise on line, S. E. and W. of Stone 6 ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base along side.

Land nearly level
Soil 1st rate
Dense undergrowth greasewood
on ~~E.~~ 11th chs.

May 23rd 1884

For general description see Sub. Notes

Andrew J. Stewart,
U. S. Dep Surveyor.

BOOK A-205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Jany 17th 1885

The foregoing field notes of the survey of the East and West Boundaries

Township No. 21 South *Range No.* 19 West

Executed by Andrew J Stewart Jr

Under his *contract* No 125 *of the* 9th

day of April 1884, *in the month of*

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

Frd Salomon

U. S. Surveyor General for Utah.

BOOK

REPORT: 1

Filed

Examined by

Transcribed by

Compared by

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Township No

Range No 1

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BOOK-A-205

REPORT: 1884

Filed 188

Examined by .....

Transcribed by Henry R McAtkinson

Compared by H A Atkinson & O C Salomon

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

OF

Township No 21 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. 125

Dated April 17 *188*4

Survey commenced May 24th *188*4

Survey completed June 2nd *188*4

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Township 27 S. R. 14 W.

6	164	5	143	4	129	3	118	2	106	1	
163		162		141		128		117		105	
7	161	8	140	9	127	10	116	11	104	12	
160		158		139		126		115		103	
18	157	17	138	16	125	15	114	14	102	13	
155		154		136		124		113		101	
19	153	20	135	21	123	22	112	23	100	24	
151		150		134		122		112		99	
30	148	29	133	28	121	27	110	26	98	25	
147		146		132		120		109		97	
31	144	32	131	33	119	34	107	35	96	36	

NAMES AND DUTIES OF ASSISTANTS:

Compassman.

Chainman.

Chainman.

Chainman.

Chainman.

Axeman.

Axeman.

Flagman.

Subdivision T. 21 S. R. 19 W. S. L. Mer.

Chains Preliminary to commencing this survey, 3 [illegible] West on a [illegible] K line on the South boundary of sec. 36, and at 39.75 chs. found the [illegible] cor. and at 53.04 chs. found the sec.

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

Survey commenced May 24 1884 with a Burt's improved solar compass.

I commenced at the cor. to secs 1, 2, 35 and 36, on the south boundary, which is a blue limestone 30 x 14 x 12 ins. firmly set in the ground, with 1 notch on E. and 5 notches on W. edges, and pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. with mound of earth 2 ft. high 4½ ft. base, alongside.

Thence

North bet. secs. 35 and 36.

Va. 16° 20' E.

6.00 Perpendicular limestone ledge about 60 ft. high.

2 Subdivision T. 21 S. R. 19 W.

Chains	
40.00	Set blue limestone 17 x 12 x 6 ins: 12 ins in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 12 x 12 ins. N. and S. of stone 5½ ft. dist. and raised a mound of stone 1½ ft. high, 3½ ft. base alongside.
55.00	Bend of wash S. 10° W. dens. [illegible]
	W
80.00	Set a blue limestone 16 x 12 x 10 ins. 11 ins. in the ground, for 1/4 cor. to secs. 25, 26, 35 and 36, marked 1 notch on E. and 1 notch on S. edge dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist., and raised a mound of stone 2 ft. high 4½ ft. base, alongside.
	Land, rolling, mountain.
	Soil, 2nd and 4th rate.
	Dense undergrowth sage brush on 80.00 chs
	East on a random line bet. sec. 25 and 36.
	Va. 16° 20' E.
40.00	Set temporary 1/4 sec. cor.

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Chains	
80.00	Intersect E boundary of Tp. 20 lks. N. of the cor. to secs. 25, 30, 31 and 36 established under present contract.
	Thence
	N. 87° 51' W. on a true line bet. secs. 25 and 36 with same va.
15.00	ridge decends N.
20.00	Wash drs. N.
45.00	Set a blue limestone 16 x 10 x 8 ins. 11 ins. in the ground, for ¼ sec. cor. marked ¼ on W. face, dug pits 18 x 18 x 12 ins. E and W of stone 5½ ft. dist., and raised a mound, of earth 1½ ft. high, 5½ ft. base, alongside
60.00	Wash at ft. of ridge drs. N.
67.50	" " " " " "
72.50	Spurr of ridge decends N.
80.00	The cor. to secs. 25, 26, 35 and 36.
	Land, Rolling Mountains
	Soil, 3rd rate
	Dense undergrowth, sagebrush on 80.00 chs
	North bet. secs. 25 and 26.

Subdivision T 21 S R 19 W

Chains		Chains
	Va 16°20' E.	
40.00	Set blue limestone 14 x 10 x 6 ins 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5½ ft. dist, and raised a mound of stone 1½ ft. high, 3½ ft. base. alongside.	39.92
80.00	Set a blue limestone 16 x 10 x 6 ins 11 ins. in the ground for cor. to secs. 23, 24, 25 and 26, marked 1 notch on E. and 2 notches on S. edges, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist, and raised a mound of stone 2 ft. high, 4½ ft. base, alongside.	79.85
	Land, rolling slopes N	
	Soil, 2nd rate.	
	Dense undergrowth, sag brush on 80.00 chs	40.00
	East on a random line bet. secs 24 and 25.	
	Va. 16°20' E.	62.00
40.00	Set temporary 1/4 sec. cor.	
79.85	Intersect E. boundary 25 lks. S. of the cor. to secs 19, 24, 25 and 30	80.00

Salt Lake Meridian 5

Chain	established by myself under present contract.
	Thence
	S. 89° 49' W. on a true line bet. secs. 24 and 25 with same var.
39.92	Set blue limestone 16 x 14 x 2 ins 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W face, and raised a mound of stone alongside.
79.85	The cor. to secs. 23, 24, 25 and 26.
	Land rolling
	Soil 2nd rate.
	Dense undergrowth sagebrush on 79.85 chs
	North bet. secs. 23 and 24.
	Va. 11° 20' E.
40.00	Set gray limestone 14 x 8 x 6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, and raised a mound of stone alongside.
62.00	Wash 20 lks wide 1 ft deep drs. N. 20° W.
80.00	Set gray limestone [illegible] ins. 9 ins. in the ground, for cor.

Subdivisions T 21 S R 12 W

Chains		Chains
	to secs 13, 14, 23 and 24, mark	
	ed 1 notch on E. and 3 notches	50.50
	on S edge, and raised a	
	mound of stone alongside.	62.00
	Land, gently rolling decend N	79.60
	Soil clay and gravel 2nd rate	
	"No Timber."	
		7
	East on a random line bet. secs	
	13 and 24.	
	Va. 16° 20' E	
40.00	Set temporary 1/4 sec. cor	12.90
79.60	Intersect E. boundary 28 lks. S	22.00
	of the cor. to secs 13, 18, 19 and 24,	35.00
	established under former	40.00
	contract.	
	Thence	
	S 89° 48' W. on a true line bet.	
	secs. 13 and 24 with same va.	
39.80	Set white limestone 14 x 10 x 4 in	
	ches in the ground, for 1/4 sec.	
	cor marked 1/4 on W. face, dug	60.00
	pits 18 x 18 x 12 ins. in each sec	76.50
	5½ ft. dist, and raised a mound	80.00
	of earth and stone 1½ ft. high	

Salt Lake Meridian

Chains	3½ ft. base alongside.
50.50	Wash 10 lks. wide 1 ft. deep drs. N. 20° W.
62.00	Wash 20 lks. wide 2 ft. deep drs. N.
79.60	The cor to secs. 13, 14, 23 and 24.
	Land, nearly level.
	Soil, 2nd rate.
	Dense underground greasewood on 79.60 chs
	North bet. secs. 13 and 14. Va. 16°20' E
12.90	Road brs E and W.
22.00	Enter dense greasewood
35.00	Ascend brs. N. E. and S. W.
40.00	Ridge. Set gray limestone 14 x 8 x 6 ins 9 ins. in the ground, for ¼ sec. cor marked ¼ on W. face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5½ ft dist, and raised a m. and of stone, 1½ ft. high, 3½ ft. base, alongside.
60.00	Ridge about 20 ft. high, deands S.
65.50	Foot of ridge brs. E. and W.
80.00	Set gray limestone, 15 x 8 x 6 ins. 10 ins in the ground, for cor. to secs.

Subdivision T 21 S R 19 W

Chains		Chains
	11, 12, 13 and 14. marked 1 notch on E. and 4 notches on S. edges; dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base, alongside.	79.70
	Land, level and rolling.	
	Soil, clay and gravel 2nd rat.	
	Dense Undergrowth, greesewood on 58,00 ch.	
	May 24. 1894	45.00
	East on a random line bet. secs 12 and 13.	
	Va. 16° 20' E.	
48.00	Set temporary ¼ sec. cor.	
79.70	Intersect E boundary 22 lks. N. of the cor. to secs. 7, 12, 13 and 18. established under present contract	80.00
	Thence,	
	N. 89° 51' W on a true line bet. secs. 12 and 13 with same va.	
39.85	Set blue limestone 18 x 14 x 4 ins. 13 ins. in the ground, for ¼ sec. cor. marked ¼ on N. face, and raised a mound of stone alongside.	

Chains	
79.70	The cor to secs. 11, 12, 13 and 14. Land, nearly level. Soil, 2nd and 4th rate. Dence undergrowth greasewood m 79.70 ch.
	North bet. secs. 11 and 12 Var 16°26' E.
45.00	Set black limestone 14 x 6 x 4 ins 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 x 18 x 12 ins. N and S. of stone 5½ ft. dist, and raised a mound of earth 1½ ft. high 3½ ft. base alongside.
80.00	Set gray limestone 10 x 10 x 4 ins. 10 ins in the ground, for cor to secs. 1, 2, 11 and 12, marked 1 notch on E and 5 notches on S edges, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist, and raised a mound of earth 2 ft. high, 4½ ft. base alongside. Land, level. Soil, gravel and clay 2nd rate.

10 Subdivision T. 21 S. R. 19 W.

Chains Dense Undergrowth, greasewood on 80 chs.

9.81

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

Va. 16°20' E.

4000 Set temporary 1/4 sec. cor.

80.04 Intersect E. boundary of Tp. 34 Chs. S. of the cor. to secs. 1, 6, 7 and 12, established under present contract.

Thence

S. 89°45' W. on a true line bet. secs. 1 and 12 with same va.

40.02 Set blue limestone 18x16x12 ins. 13 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, and raised a mound of earth and stone alongside.

80.04 The cor to secs. 1, 2, 11 and 12.

Land, level and rolling

Soil, 3rd rate.

Dense undergrowth greasewood on 80,04 chs.

North on a true line bet. secs

Salt Lake Meridian

1 and 2.

Var 16° 20' E

9 8. Intersect the fourth standard parallel S at 15 chs. E of the standard cor. to secs 35 and 36, T. 20 S. R. 17 W, which is a charred cedar post, 4 ft. long, 4 ins. square, firmly set in the ground marked,

S. C. T 20 S. R. 17 W on N.

S. 36 on E and

S. 35 on W. faces, with 1 notch on E and 5 notches on W edges, with pits 24 x 18 x 12 ins, N. E. and W. of post 6 ft dist, and a mound of earth, 2 ft. high, 4½ ft. base around post.

At which point I set a gray lime stone 14 x 10 x 6 ins. 9 ins. in the ground, for closing cor. to secs. 1 and 2, T. 21 S. R. 17 W. marked C. C. with 5 notches on W. and 1 notch on E edges, dug pits 24 x 18 x 12 ins S. E. and W. of stone, 6 ft. dist, and raised a mound of earth 3 ft. high, 4½ ft. base alongside.

12. Subdivision T 21 S R 19 W

Chains		Chain
	Land, level.	
	Soil, clay and gravel 2nd rate	
	Dense Undergrowth, greenwood on 9.81 chs	
	From the cor to secs 2, 3, 34 and 35, on the south boundary of the Tp. which is a blue limestone 18 X 14 X 12 ins firmly set in the ground marked 1 notch on E & 5 notches on W edges, and a mound of stone alongside	
	I run	
	North bet. secs. 34 and 35.	
	Va. 16° 30' E.	40.00
15.00	Wash in cañon drs. N. 10° E.	79.50
40.00	Set a granite stone 14 X 10 X 6 ins. 9 ins in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 X 18 X 12 ins. W. and S. of stone 5 1/2 ft. dist, and raised a mound of stone alongside.	2.00
		7.00
50.50	Wash drs N. 10° W.	10.00
54.00	" " " " "	
80.00	Set blue limestone 14 X 10 X 12 ins 9 ins. in the ground, for cor. to	15.00
		31.00

Salt Lake Meridian 13

Chains secs. 26. 27. 34 and 35. marked 1 notch on S. and 2 on E edges, dug pits 18x18x12 ins. in each sec 5½ ft. dist, and raised a mound of stone 2 ft. high, 4½ ft. base, alongside
Land, rolling mountain
Soil, 2nd and 3rd rate
Mountains on 80 chs.

East on a random line bet. secs. 26 and 35.
Va. 16° 26' E.

40.00 Set temporary ¼ sec. cor.
79.50 Intersect N and S line 28 chs. N. of the cor. to secs. 25, 26, 35 and 36.
Thence
N. 89° 48' W. on a true line bet. secs. 26 and 35 with same va.
2.00 Wash from canon dra. N. 30° W.
7.50 Foot of rocky ridge
10.00 Top of same bra. W. 30° E. and S. 30° W. about 80 ft. high
15.00 Foot of ridge
31.00 Wash dra. N. 10° W.

Subdivisional T. 21 S. R. 19 W.

Chains		Chains
39.75	Set a blue limestone 20 x 12 x 6 ins. 15 ins in the ground, for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 x 18 x 12 ins. E and W of stone 5½ ft. dist, and raised a mound of earth 1½ ft. high, 3½ ft. base alongside	80.00
65.00	Wash, at foot of ridge, brs. N. 10° W.	
69.00	Limestone ridge brs. N. 30° E. and S. 30° W, about 50 ft. high.	
74.00	Wash at foot of ridge brs N.	
79.50	The cor. to secs. 26, 27, 34 and 35.	
	Land, rolling mountain	
	Soil, 2nd and 4th rate.	
	Mountains on 79.50 chs	
		40.00
		40.00
	North. bet. secs. 26 and 27. Va. 16° 05' E.	
40.00	Set blue limestone 15 x 8 x 6 ins. 10 ins in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5½ ft. dist, and raised a mound	23.8[illegible]
		40.00

Chains	
	of stone 1½ ft. high: 3½ ft. base alongside
80.00	Set a gray limestone 18 x 10 x 6 ins 10 ins. in the ground, for cor. to secs. 22, 23, 26 and 27, marked 2 notches on S and E. edges, and raised a mound of stone alongside.
	Land: mountainous
	Soil: 3rd rate.
	Mountainous on 80.00 chs
	May 26, 1884
	East on a random line bet. secs. 23 and 26
	Va. 11° 20' E
40.00	Set temporary ¼ sec cor.
80.00	Intersect N and S. line 44 lks. N. of the cor. to secs. 23, 24, 25 and 26,
	Thence
	N. 89° 39' W. on a true line bet. secs. 23 and 26, with same va.
23.80	Wash drs. N W.
40.00	Set a blue limestone 16 x 10 x 4 ins.

16 Subdivision T 21 S R 19 W

Chains		Chain
	11 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, and raised a mound of stone alongside.	
47.50	Wash drs. N. W.	
52.00	" " "	
78.00	" " "	
80.00	The cor. to secs. 22, 23, 26 and 27. Land, rolling bench. Soil, 2nd rate. Dense underground ~~[illegible]~~ on 80.00 chs	40.0
	North bet secs. 22 and 23. Va. 16° 20' E.	80.0
38.10	Road brs. E. and W.	
40.00	Set gray limestone 14 x 8 x 4 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N and S. of stone 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, alongside.	31.2 40.0
52.00	Limestone Knoll	
80.00	Set gray limestone 14 x 8 x 4 ins.	76.5

Chains	9 ins. in the ground, for cor. to secs. 14, 15, 22 and 23, marked. 3 notches on S. and 2 notches on E. edges, and raised a mound of earth and stone alongside.
	Land, decending N.
	Soil, clay and gravel 2nd rate.
	Dense underground, greasewood on 80.00 chs
	East bet secs. 14 and 23. Va 16°20' E.
40.00	Set temporary, ¼ sec. cor.
80.00	Intersect E. and S. line 18 lks. S. of the cor. to secs. 13, 14, 23 and 24. Thence S. 89°52' W. on a true line bet. secs. 14 and 23, with same va.
30.25	Wash 10 lks. wide 1 ft. deep dro. N.
40.00	Set gray limestone 14 x 8 x 5 ins. 9 ins. in the ground, for ¼ sec. cor. marked ¼ on N. face, and raised a mound of stone alongside
76.50	Wash 10 lks. wide 1 ft. deep dro. N.

18 Subdivision T 21 S R 19 W

Chains	
80.00	The cor to secs. 14, 15, 22 and 23. Land, gently rolling decends N. Soil clay and gravel 2nd rate. Dense undergrowth gregs wood on 80.00 chs
	North bet. secs 14 and 15. Va. 16.20' E
2.00	Wash 10 lks wide 1 ft. deep drs. N. W.
6.15	Road to Snake Creek bro. N. 65° E. and S. 65° W.
40.00	Set gray limestone 14 x 8 x 6 ins. 9 ins in the ground, for 1/4 sec. cor marked 1/4 on W. face, and raised a mound of earth and stone, alongside.
80.00	Set blue limestone 14 x 8 x 4 ins. 9 ins in the ground, for cor. to secs. 10, 11, 14 and 15 marked 2 notches on E. and 4 notches on S. edges, and raised a mound of stone alongside Land. level.

Salt Lake Meridian 192

Chains	Soil, clay and gravel 2nd rate.
	Dense undergrowth greasewood on 80.00 chs
	East on a random line bet. secs. 11 and 14.
	On 16°20' E.
	Through dense greasewood
40.00	Set temporary 14 sec. cor.
80.25	Intersect N. and S. line 50 lks. S. of the cor. to secs. 11, 12, 13 and 14
	Thence
	S. 89°38' W. on a true line bet. secs. 11 and 14 with same va
40.12	Set gray granite stone 15x8x4 ins. 9 ins. in the ground, marked 14 on N. face, and raised a mound of stone alongside.
80.25	The cor. to secs. 10, 11, 14 and 15.
	Land, level.
	Soil, clay and gravel 2nd rate
	Dense Undergrowth greasewood on 80.25 chs.
	North bet. secs. 10 and 11.

20 Subdivisional T 21 S R 19 W

Va. 16° 20' E.

Chains

40.00 Set gray granite stone 14 x 10 x 6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 16 x 16 x 12 ins. N. and S. of stone 5½ ft. dist, and raised a mound of stone 1½ ft. high, 3½ ft. base, alongside.

80.00 Set gray limestone 14 x 10 x 4 ins. 9 ins. in the ground, for cor. to secs. 2, 3, 10 and 11. marked 2 notches on E. and 5 notches on S. edges, dug pits 16 x 16 x 12 ins. in each sec. 5½ ft. dist, and raised a mound of earth 2 ft. high, 4½ ft. base, alongside.

Land, level.

Soil, 1st and 2nd rate.

Dense undergrowth greasewood on 80 chs.

East on a random line bet. secs. 2 and 11.

Va. 16° 27' E.

Chains

40.00

80.12

40.06

80.12

2.75

Chains

40.00 Set temporary 1/4 sec. cor

80.12 Intersect W and S line 30 lks. N of the cor. to secs. 1, 2, 11 and 12. Thence

N. 1°44' W. on a true line bet. secs. 2 and 11, with same va.

40.06 Set gray granite stone 14 x 6 x 5 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, and raised a mound of earth and stone alongside.

80.12 Corner to secs. 2, 3, 10 & 11

Land, level.

Soil, clay, gravel and loam, 1st and 2nd rate.

Dense Undergrowth, greasewood on 80.12 chs.

North on a true line bet. secs. 2 and 3.

Va. 16°20' E.

9.75 Intersect 4th standard parallel S 14 chs. E. of the standard cor. to secs. 34 and 35, T. 20 S. R. 19 W., which is a charred cedar post

22 Subdivision T. 21 S. R. 19 W.

Chains 4 ft. long, 4 ins. square, firmly set in the ground, S.
S. C. T. 20 S. R. 19 W. on N.
S. 35 on E. and
S. 34 on W. faces, with 2 notches on E. and 4 notches on W. edges, with pits 24 x 18 x 12 ins. N., E. and W. of post 6 ft. dist., and a mound of earth 2 ft. high 4½ ft. base around post.
At which point I set a gray limestone 14 x 10 x 6 ins. 9 ins. in the ground, for closing, cor. to secs. 2 and 3 T. 21 S. R. 19 W. marked C. C. with 4 notches on W. and 2 notches on E. edges, dug pits 24 x 18 x 12 ins. S. E. and W. of stone 6 ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base alongside.
Land, level
Soil, 1st rate.
Dense undergrowth, greenwood on 9.75 chs.

May 27th 1884

Cha
25.
40.0
80.0

Salt Lake Meridian

16 chains	From the cor. to secs. 3, 4, 33 and 34 on the south boundary of township which is a blue limestone 14x14 in. firmly set in the ground, marked 3 notches on E. and W. edges, with mound of earth and stone alongside.
	Trans
	North bet. secs. 33 and 34.
	Va. 16° 20' E.
	Along W. slope of mountain.
25.15	Wash dry. W.
40.00	Set blue limestone 14x10x5 inches 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, and raised a mound of stone alongside.
80.00	Set blue limestone 16x15x10 inches 11 ins. in the ground, for cor. to secs. 27, 28, 33 and 34. marked 3 notches on E and 1 on S. edges, and raised a mound of stone alongside.
	Land, mountainous, slopes W.
	Soil, rocky 4th, rate.
	Mountains on 20 chs.

Subdivision T. 21 S. R. 19 W.

Chains	
	East on a random line bet. secs. 27 and 34. Va. 11° 20' E.
40.00	Set temporary 1/4 sec. cor.
80.78	Intersect N. and S. line 60 lks. N. of the cor. to secs. 26, 27, 34 and 35.
	Thence N. 89° 34' W. on a true line bet. secs. 27 and 34, with same va.
	Ascend abruptly.
6.00	
20.00	Top of mountain about 800 ft. high brs. N. and S.
23.00	Decend.
40.00	Set blue limestone 14 x 10 x 6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, and raised a mound of stone alongside.
43.00	Swale drs. N.
60.00	Top of steep rocky mountain about 1000 ft. high, brs. N. 8° E. decend.
80.78	The cor. to secs. 27, 28, 33 and 34.
	Land, mountainous.
	Soil, 4th rate.
	Mountains on 74.78 chs.

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Chains North bet. secs. 21 and 28.

Var. 16° 26' E.

40.00 Set blue limestone 18 x 14 x 4 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, and raised a mound of stone alongside.

00 Ledge of limestone.

Rocky mound bro. E. and W.

00 Foot of abrupt mountains.

10.00 Set a blue limestone 14 x 10 x 4 ins. 9 ins. in the ground, for cor. to secs. 21, 22, 27 and 28. marked 3 notches on E. and 2 on S. edges, dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. disk, and raised a mound, of stone 2 ft. high, 4 1/2 ft. base, alongside.

Land, rolling. ~~mountains~~

Soil, 3rd rate.

Mountains on 80 chs.

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

Var. 16° 20' E.

26 Subdivision T 21 S R 19 W

Chains	
40.00	Set temporary 1/4 sec. cor.
79.40	Intersect N. and S. line 30 lks. N. of the cor. to secs 22, 23, 26 and 27
	Thence
	N. 89° 47' W. on a true line bet. secs. 22 and 27 with same va.
4.00	Low ridge brs. N. W.
10.30	Wash drs. N. W.
25.00	Ridge brs. N. W. and S. E.
34.00	Wash drs. N. W.
39.70	Set blue limestone 15 x 10 x 6 ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18 x 18 x 12 ins. E. and W. of line 5 1/2 ft. dist., and raised a mound of stone 1 1/2 ft. high, 3 1/2 ft. base, alongside
79.40	Corner to secs 21, 22, 27 & 28
	Land, gently rolling mounts
	Soil, 2nd and 3rd rate
	Mountains on 79.40 chs
	North bet. secs 21 and 22
	Va. 16° 20' E

6 chains	
3.50	Road to Snake Creek N. 60° W. and S. 60° E
40.00	Set white granite stone 14 x 8 x 6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, and raised a mound of stones alongside
80.00	Set blue limestone 14 x 9 x 4 ins. 9 ins. in the ground, for cor. to secs. 15, 16, 21 and 22, marked 3 notches on E. and S. edges. dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist, and raised a mound of stone 2½ ft. high. 4½ ft. base, alongside. Land, gently ascending north Soil, clay, and gravel 2nd rate. "No Timber."
	East bet secs. 15 and 22. Va. 16° 20' E.
40.00	Set temporary 1/4 sec. cor.
72.90	Intersect N. and S. line 60 lks.

Subdivisional T. 21 S. R. 19 W.

Chains S. of the cor. to secs. 14, 15, 22 and 23.

Thence

S. 89° 39' W. on a true line bet. secs. 15 and 22, with same va.

39.95 Set gray limestone 15 x 8 x 6 ins. 16 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. E. and W. of stone 5 ft. dist. and raised a mound of stone 1½ ft. high, 3½ ft. base, alongside.

79.90 The cor. to secs. 15, 16, 21 and 22.

Land, gently ascending.

Soil, clay and gravel 2nd rate.

"No Timber."

North bet. secs. 15 and 16.

Va. 16° 20' E.

2.20 Road from Corn Creek to Nevada bears N. 85° E. and S. 85° W.

40.00 Set blue limestone 14 x 8 x 4 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face

Salt Lake Meridian 20

Chains dug pits 18 x 18 x 12 ins. N. and S. of stone 5½ ft. dist, and raised a mound of earth 1½ ft. high, 3½ ft base, alongside

64.20 Dry bed of Lake Creek.

80.00 Set quartzite 14 x 8 x 6 ins 9 ins. in the ground, for cor. to secs. 9, 10, 15 and 16, marked 4 notches on S and 3 notches on E edges, dug pits 18 x 18 x 12 ins in each sec. 5½ ft. dist and raised a mound of stone 2 ft. high, 4½ ft. base, alongside

Land, level

Soil, 1st rate.

Dense undergrowth, greasewood on 80 chs.

May 28, 1884

East on a random line bet. secs. 10 and 15.

Va. 16° 20' E

40.00 Set temporary, ¼ sec. cor.

80.25 Intersect N. and S. line 24 lks N. of the cor. to secs. 10 11, 14 and 15.

29 Subdivision T 21 S R 19 W

Chains	Thence
	N. 8° 50' W on a true line bet. secs. 10 and 15, with same va.
40.12	Set white granite stone 14 x 6 x 4 ins. 9 ins in the ground, for 1/4 sec cor. marked 1/4 on N. face, and raised a mound of stone alongside.
79.00	Leave Knoll covered with greasewood.
80.25	The cor. to secs. 9, 10, 15 and 16. Land, level and rolling. Covered with Knolls. Soil, clay and gravel 2nd rate. Dense undergrowth greasewood on 80.25 chs.
	North bet. secs. 9 and 10. Va. 16° 20' E.
12.80	Dry bed Lake Creek dis. N. 30° E.
40.00	Set cobble stone 14 x 8 x 3 ins. 9 ins in the ground, for 1/4 sec cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5 1/2

Chains ft dist, and raised a mound of earth 2 ft. high, 4½ ft. base, alongside.

80.00 Set white flint stone 14 x 6 x 4 ins. 9 ins. in the ground, for cor. to secs. 3, 4, 9 and 10, marked 5 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist, and raised a mound of stone 2 ft. high, 4½ ft. base, alongside.

Land, nearly level.

Soil, 1st and 2nd rate.

Dense undergrowth, greenwood on 80 chs.

East on a random line bet. secs. 3 and 10.

Va. 16° 20' E.

40.00 Set temporary 1/4 sec. cor.

80.15 Intersect N. and S. line 20 lks. S. of the cor. to secs. 2, 3, 10 and 11

Thence

S. 09° 40' W. on a true line bet. secs.

31 Subdivisional T. 21 S. R. 19 W.

Chains 3 and 10 with same va.

40.00 Set gray limestone 14 x 6 x 5 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, and raised a mound of earth and stone alongside.

57.50 Wash 10 lks. wide 1 ft. deep dro. N. 20° E.

80.15 The cor. to secs. 3, 4, 9 and 10.

Land, level and rolling.
Soil, clay and gravel 2nd rate.
Dense, undergrowth grubwood on 80.15 chs.

North on a true line bet. secs. 3 and 4.

Va 16° 20' E.

10.63 Intersect fourth standard parall. south, at 16.00 chs E. of the stand. ard cor. to secs. 33 and 34, T. 20 S. R. 19 W., which is a charred cedar post 4 ft. long, 4 ins. square, firmly set in the ground, marked S. C. T. 20 S. R. 19 W. on N.

Chains S. 34 on E. and
S. 33 on W. edges, with 3 notches on E. and 3 notches on W. faces, with pits 24 x 18 x 12 ins. N. E. and W. of post 6 ft dist, and a mound of earth 2 ft. high, 4½ ft. base around post.
At which point I set a gray limestone 16 x 14 x 4 ins. 11 ins. in the ground, for closing, cor. to secs. 3 and 4. T. 21 S. R. 19 W. marked C C with 3 notches on E. and W. edges, dug pits 24 x 18 x 12 ins. S. E. and W. of stone 6 ft. dist, and raised a mound of earth 2 ft. high, 4½ ft. base, alongside.
Land, level.
Soil, clay and gravel 2nd rate.
Dense undergrowth greasewood on 10.63 ch.

From the cor. to secs. 4, 5, 32 and 33 on the south boundary of Township, which is a blue line, stone 14 x 10 x 8 ins. firmly set in

33 Subdivision of T. 21 S. R. 19 W.

Chains		Chain
	the ground, marked 4 notches on E and 2 notches on W. edges, and built a mound of stone, alongside	
	Drain	
	North bet. secs. 32 and 33.	
	Va. 16° 23' E.	
.75	Limestone ledge about 15 ft. high bra. E. and W.	40.00
		79.82
6.50	Ridge about 100 ft. high bears E. and W.	
22.50	Foot of ridge. Leave hills. Enter plain	
40.00	Set gray limestone 14 x 3 x 6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base, alongside	15.00
		39.91
42.50	Wash 10 lks. wide 1 ft. deep bra. W.	
80.00	Set gray limestone 16 x 10 x 4 ins. 11 ins. in the ground, for cor. to secs. 28, 29, 32 and 33.	50.00
	Land rough mountain spurs	60.00
	Soil clay, gravel and rock 3rd and 4th rate.	79.82

Chains	
	"No Timber."
	Mountainous on 22.50 chs.
	East bet secs. 28 and 33, on a random line.
	Va. 16°20' E.
40.00	Set temporary 1/4 sec. cor.
79.82	Intersect N. and S. line 52 lks. S. of the cor. to secs. 27, 28, 33 and 34.
	Thence
	S. 89°38' W. on a true line bet. secs. 28 and 33, with same va.
15.00	Wash. drs. N. W. Ascend abrupt mountain
39.91	Set blue limestone 24 x 18 x 12 ins. 19 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18 x 18 x 12 ins. E. and W. of stone 6 1/2 ft. disk, and raised a mound of earth 1 1/2 ft. high. 3 1/2 ft. base, alongside.
50.00	Wash. drs. N. W.
60.00	Wash. drs. N. W.
79.82	The cor. to secs. 28, 29, 32 and 33. Land, mountain slopes N. E.

35 Subdivisional T. 21 S. R. 19 W.

Chains	
	Soil, 3rd rate
	Mountainous on 64.82 chs.
	North bet. secs. 28 and 29.
	Va. 16° 20' E.
12.75	Road brs. S. 60° W. and N. 60° E.
32.50	Wash 50 lks. wide 5 ft. deep drs. N. W.
40.00	Set blue limestone 14 x 10 x 6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5 1/2 ft. dist, and raised a mound of stone 1 1/2 ft. high 3 1/2 ft. base, alongside.
60.00	Foot of bench
80.00	Set blue limestone 16 x 10 x 6 ins. 11 ins. in the ground, for cor. to secs. 20, 21, 28 and 29, marked 4 notches on E. and 2 notches on S. edges, dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist, and raised a mound of stone 2 ft. high, 4 1/2 ft. base alongside
	Land gently sloping N.

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Chains	
	Soil, clay and gravel 2nd and 3rd rate
	"No Timber."
	East on a random line bet. secs. 21 and 28.
	Va. 16°20' E.
40.00	Set temporary 1/4 sec. cor.
80.15	Intersect N. and S. line 0 lks. S. of the cor. to secs. 21, 22, 27 and 28.
	Thence
	S. 89°56' W. on a true line bet. secs. 21 and 28. with same va.
40.07	Set blue limestone 14 x 10 x 6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. E. and W. of stone 5 1/2 ft. dist., and raised a mound of stone 1 1/2 ft. high, 3 1/2 ft. base, alongside
80.15	The cor. to secs. 20, 21, 28 and 29.
	Land, gently ascending;
	Soil, clay and gravel 3rd rate
	"No Timber."
	May 29th, 1882

37 Subdivision T 21 S R 19 W

Chains	
	North bet. secs. 20 and 21. Va. 16°.20' E.
2.00	Branch of Lake Creek runs N. 10° E.
20.00	Branch of Lake Creek runs W. 10° E.
25.00	Leave overflow of Lake Creek runs N. 10° E.
40.00	Set blue limestone 14 X 10 X 4 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 X 18 X 12 ins. N. and S. of stone 5 1/2 ft. dist., and raised a mound of stone 1 1/2 ft. high, 3 1/2 ft. base, alongside.
79.30	Road from Corn Creek to Nevada bns. N. 80° E. and S. 80° W.
80.00	Set blue limestone 15 X 10 X 4 ins. 10 ins. in the ground, for cor. to secs. 16, 17, 20 and 21, marked 4 notches on E. and 3 notches on S. edges, dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist., and raised a mound of stone 2 ft. high, 4 1/2 ft. base alongside. Land, nearly level. Soil, 2nd and 3rd rate.

Salt Lake Meridian

Chain	Tense use dug growth grease wood on 80.00 chs
	East on a random line bet. secs. 16 and 21.
	Va. 16°20' E
40.00	Set temporary 1/4 sec. cor.
80.70	Intersect N. and S. line 20 lks. S. of the cor. to secs 15, 16, 21 and 22.
	Thence
	S. 89°51' W. on a true line bet. secs. 16 and 21. with same va.
15.00	Trail brs. N. E. and S. W.
39.00	Road from Corn Creek to Nevada brs. N. 85° E. and S. 85° W.
40.35	Set flint stone 14 x 6 x 6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18 x 18 x 12 ins. E and W of stone. 5 1/2 ft. dist., and raised a mound of stone 1 1/2 ft. high, 3 1/2 ft. base alongside
61.80	Lake Creek 8 lks. wide 3 ft. deep runs N.
80.70	The cor. to secs. 16, 17, 20 and 21.

39 Subdivision of T. 21 S. R. 19 W.

Chains

Land, level.
Soil, 2nd and 3rd rate.
Dense undergrowth greasewood
on 80.70 chs.

North bet. secs. 16 and 17.
Va. 16° 20' E.

4.00 Set blue limestone 14 x 8 x 4 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5 1/2 ft. dist., and raised a mound of stone 1 1/2 ft. high, 3 1/2 ft. base, alongside.

80.00 Set blue limestone 18 x 14 x 3 ins. 12 ins. in the ground, for cor. to secs. 8, 9, 16 and 17, marked 4 notches on E. and S. edges and raised a mound of earth and stone alongside.

Land, nearly level.
Soil, clay and gravel 2nd and 3rd rate.
Dense undergrowth greasewood
on 80 chs.

Chains	East on a random line bet secs. 9 and 16.
	Va. 16° 20' E.
4000	Set temporary 1/4 sec cor.
79.92	Intersect N and S line 78 lks. S. of the cor. to secs. 9, 10, 15 and 16.
	Thence
	S. 89° 27' W. on a true line bet. secs. 9 and 16 with same va.
7.00	Dry Bed of Lake Creek bears N E & S W
39.96	Set white limestone 14 x 10 x 6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18 x 18 x 12 ins. E. and W. of stone 5 1/2 ft. dist, and raised a mound of stone 1 1/2 ft. high. 3 1/2 ft. base, alongside.
6000	Ridge 10 ft. high bns. N. E. and S. W.
65.00	Enter greese wood. Leave shadscales
79.92	The cor to secs. 8, 9, 16 and 17.
	Land, nearly level.
	Soil, 3rd rate.
	Dense undergrowth greasewood shadscale
	79.92 chs

41 Subdivision T 21 S R 19 W

Chains	
	North bet secs. 8 and 9. Va 16°20' E.
40.00	Set blue limestone 14 x 6 x 4 ins 9 ins in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5 1/2 ft. dist, and raised a mound of stone 1 1/2 ft. high, 3 1/2 ft. base, alongside
80.50	Set gray limestone 14 x 8 x 6 ins. 9 ins in the ground, for cor. to secs. 4, 5, 8 and 9, marked 4 notches on E and 5 notches on S. edges, dug pits 18 x 18 x 12 ins N. and S. of stone 5 1/2 ft. dist, and raised a mound of stone 2 ft high, 4 1/2 ft. base, alongside.
	Land, level.
	Soil, 2nd rate.
	Dense underground greasewood on 8000 chs
	East on a random line bet. secs 4 and 9. Va 16°20' E.

Chains	
40.00	Set temporary 1/4 sec. cor.
40.12	Intersect N and S. line 56 lks. N of the cor. to secs. 3, 4, 9 and 10.
	Thence
	No. 89° 36' W. on a true line bet. secs. 4 and 9 with same v.a.
40.06	Set blue limestone 14 x 10 x 8 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on No. face, dug pits 18 x 18 x 12 ins. E. and W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base alongside
74.00	Enter greasewood.
79.20	W. ash dist. N. 10° E.
80.12	The cor. to secs. 4, 5, 8 and 9.
	Land nearly level.
	Soil, 1st and 2nd rate.
	Dense undergrowth greasewood on 6.12 chs.
	North on a true line bet. secs. 4 and 5.
	Va. 16° 20' E.

Subdivisions T. 21 S. R. 19 W.

Chains	
10.25	Intersect Fourth Standard Parallel S. 16 chs. E. of the standard cor. to secs. 32 and 33, T. 20 S. R. 19 W., which is a charred cedar post 4 ft. long 4 ins. square, firmly set in the ground, marked S. C. T. 20 S. R. 19 W. on N. S. 33 on E. and S. 35 on W. faces, with pits 24 x 18 x 12 ins. N. E. and W. of post 6 ft. dist., and a mound of earth 2 ft. high, 4½ ft. base, around post.
	At which point I set a gray limestone 14 x 10 x 6 ins. 9 ins. in the ground, for closing cor. to secs. 4 and 5, T. 21 S. R. 19 W., marked C. C. with 4 notches on E. and 2 notches on W. edges, dug pits 24 x 18 x 12 ins. S. E. and W. of stone 6 ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base alongside.
	Land, level.
	Soil, 1st rate.
	Dense undergrowth, greenwood

Chains on 10.25 chs.

May 30, 1884,

From the cor to secs. 5, 6, 31 and 32 on south boundary of Tp. which is a blue limestone 15 x 10 x 6 ins. firmly set in the ground, marked 5 notches on E. and 1 notch on W. edges, 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, alongside. Trees

North bet. secs. 31 and 32.

Va. 16° 20' E.

7.50 Branch of Lake Creek runs N. 10° E. A house bears W. from this point about 4.6 chs. dist.

10.00 Branch of Lake Creek runs N. 10° E.

27.50 " " " " " " "

33.50 Main branch of Lake Creek runs N. 10° E., 2 lks wide 10 in deep, rapid current.

40.00 Set blue limestone 14 x 6 x 4 ins. 9 ins. in the ground, marked ¼ in W. face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5½ ft. dist, and raised a mound of earth 1½ ft.

Chains	
	high, 3½ ft. base, alongside.
59.10	Road brs. N E and S W.
80.00	Set blue limestone 14×10×8 ins. 9 ins. in the ground, for cor. to secs. 29, 30, 31 and 32, marked 5 notches on E. and 1 notch on 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, alongside.
	Land, level.
	Soil, 1st rate.
	Dense undergrowth, greesewood on 80chs. There is a house and farm of about 20 acres near South part Sec. 31
	East on a random line bet. secs. 29 and 32.
	Va. 16° 20' E.
40.00	Set temporary ¼ sec. cor.
80.64	Intersect N. and S. line 24 lks. N. of the cor. to secs. 28, 29, 32 and 33.
	Thence
	N. 89° 50' W. on a true line bet. secs. 29 and 32, with same va.
31.00	Ascend ridge brs. N. 30° E and S. 30

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Chains	
33.00	Enter greenwood. At foot of ridge brs. N. 30° E. and S. 30° W.
40.32	Set cobble stone 14 x 10 x 6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18 x 18 x 12 ins. E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high 3½ ft. base, alongside.
48.50	Overflow of Lake Creek runs N.
52.50	Lake Creek 10 lks. wide 6 ins. deep runs N.
56.50	Leave overflow of Lake Creek.
80.64	The cor. to secs. 29, 30, 31 and 32.
	Land, level and rolling.
	Soil, 2nd and 3rd rate.
	Dense undergrowth greenwood.
	on 24.64 chs
	Mountains on 49.64 chs

West on a random line bet. secs. 30 and 31.

Var. 16° 20' E.

47. Subdivision T. 21 S. R. 19 W.

Chains	
40.00	Set temporary 1/4 sec. cor.
80.12	Intersect W boundary of Tp. 23 lks S. of the cor. to secs. 25 30, 31 and 36 established under present contract.
	Thence
	S. 89°50' E on a true line bet. secs 30 and 31 with same va.
8.50	Enter greasewood.
10.00	Snake Creek runs N. 30° E.
17.00	Leave Snake Creek overflow runs N. 30° E.
40.12	Deposited marked stone 12 ins. in the ground, for 1/4 sec. cor. dug pits 18 x 18 x 12 ins. E. and W. of stone 5 1/2 ft. dist. and raised a mound of stone 1 1/2 ft. high, 3 1/2 ft. base over it.
	In E pit drove a stake 2 ft. long 2 ins. square, 12 ins. in the ground marked 1/4 S. on N. faces.
80.12	The cor. to secs. 29, 30, 31 and 32. Land, level.

Chains	
	Soil, 1st and 2nd rate.
	Dense undergrowth greasewood on
	7.62 chs.
	North bet. secs. 29 and 30.
	Va 16°20' E.
10.00	Leave greasewood.
40.00	Set blue limestone 14 x 8 x 6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face; dug pits 18 x 18 x 12 ins. N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base, alongside.
80.00	Set blue limestone 16 x 10 x 4 ins. 11 ins. in the ground, for cor. to secs. 19, 20, 29 and 30, marked 5 notches on E. and 2 notches on S. edges; dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base, alongside.
	Land, level.

48 Subdivision of T. 21 S. R. 19 W.

Chains	Soil, 1st and 2nd rate.
	Dense undergrowth, green wood on 10 chs.
	East on a random line bet. secs. 20 and 29.
	Va. 16° 20' E.
40.00	Set temporary 1/4 sec. cor.
79.60	Intersect N. and S. line 30 chs. S. of the cor. to secs. 20, 21, 28 and 29.
	Thence
	S. 89° 39' W. on a true line bet. secs. 20 and 29 with same va.
3.50	Cross float of Lake Creek.
39.80	Set cobble stone 15 x 8 x 6 ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face; dug pits 18 x 18 x 12 ins. E. and W. of stone 3 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base, alongside.
42.00	Leave brush
79.00	Wash drs. N. W.

Chains		
79.60	The cor. to secs. 19, 20, 29 and 30. Land level. Soil, 1st and 2nd rate. Dense undergrowth greasewood on 42 chs.	✓
	West on a random line bet. secs. 19 and 30. Va. 16°20' E.	
40.00	Set temporary 1/4 sec. cor.	
80.80	Intersect W. boundary 80 lks. N. of the cor. to secs. 19, 24, 25 and 30 established under present contract.	
	Thence N 89°27' E. on a true line bet. secs. 19 and 30. with same va.	
16.70	Road from Corn Creek, via Black Rock, to Nevada brs. N. E. and S. W.	
37.00	Overflow of Snake Creek.	
38.00	Leave overflowed land.	

50 Subdivision T 21 S R 19 W

Chains	
40.80	Deposited marked stone 12 ins in the ground, for 1/4 sec. cor. 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.
	In E. pit drove a stake 2 ins square, 2 ft. long 12 ins. in the ground marked 1/4 S. on N. face
46.15	Overflow of Snake Creek
58.75	Leave overflow of Snake Creek, runs N 9 deep no channel here
80.80	The cor. to secs. 19, 20, 29 and 30.
	Land, nearly level.
	Soil, 2nd rate.
	Dense undergrowth, greasewood on 80.80 chs.
	May 31st 1884
	North bet. secs. 19 and 20.
	Va. 16° 20' E.
3.00	Wash 10 lks. wide 1 ft. deep dr. N. W.
11.00	Water runs N. E.

Salt Lake Meridian

Chains	
40.00	Set white limestone 14 x 6 x 6 ins. 9 ins in the ground, for 1/4 sec. cor. marked 1/4 on W face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5 1/2 ft. dist, and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft base alongside
52.70	Road brs. N. E and S. W.
79.00	Creek 5 lks. wide 3 ins. deep. drs. N. E.
80.00	Set gray limestone 17 x 14 x 7 ins. 11 ins. in the ground, for cor. to secs 17, 18, 19 and 20, marked 5 notches on E. and 3 notches on S. edges, and raised a mound of stone alongside
	Land level.
	Soil, clay and gravel 2nd rate.
	Pence under growth greasewood 80.00 chs
	East on a random line bet. secs. 17 and 20.
	Va 16° 20' E.

52 Subdivision T. 21 S. R. 19 W.

Chains	
40.00	Set temporary 1/4 sec. cor.
79.58	Intersect N. and S. line 29 lks. S. of the cor. to secs. 16, 17, 20 and 21.
	Thence
	S. 89°48' W. on a true line bet. secs. 17 and 20 with same va.
39.79	Set blue lime stone 14 x 9 x 3 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, and raised a mound of stone 1½ ft. high, 3½ ft. base, alongside
79.58	The cor. to secs. 17, 18, 19 and 20.
	Land nearly level.
	Soil, mixed with clay and gravel 2nd and 3rd rate.
	Dense undergrowth greasewood in 79.58
	West on a random line bet. secs. 18 and 19.
	Va. 16°20' E.
40.00	Set temporary 1/4 sec. cor.
79.20	Intersect W. boundary of Tp. 48 lks. N. of the cor. to secs. 13, 18, 19.

Chains	
	and 2¼ established under present contract.
	Thence
	N. 89° 39' E on a true line bet. secs. 18 and 19, with same va.
39.20	Deposited marked stone 12 ins. in the ground, for ¼ sec. cor. dug pits 18 x 18 x 12 ins. E. and W. of stone 5½ ft. dist, and raised a mound of stone 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 S. on W. face.
54.00	Road from Peoche, Via Congers Ranche, to Salt Marsh bro. N. 10° E and S. 10° W.
56.60	Overflow of creek 150 lks. wide runs N.
76.00	Overflow of creek 112 lks. wide runs N.
79.20	The cor. to secs. 17, 18, 19 and 20.
	Land, level.
	Soil, 3rd rate.
	Dense undergrowth, greasewood on 79.20 chs

54 Subdivisions T. 21 S. R. 19 W.

Chains	
	North bet. secs. 17 and 18. Va. 16° 20' E.
225	Road from Hawkmans Springs to Clover spring brs. E. and W.
4000	Set quartsite stone 14 x 8 x 6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5 1/2 ft. dist., and raised a mound of stone 1 1/2 ft. high, 3 1/2 ft. base along side
52.25	Road brs. S. 30° W and N. 30° E.
80.00	Set black limestone 14 x 8 x 6 ins. 9 ins. in the ground, for cor. to secs. 7, 8, 17 and 18, marked 5 notches on E and 4 notches on S. edges, dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base, along side. Land level. Soil, clay and gravel 2nd rate. Dense undergrowth, greasewood 8000 ch.

Chains	
	East on a random line bet. secs 8 and 17. Va. 16°20' E
40.00	Set temporary ¼ sec. cor
79.82	Intersect N. and S. line 38 lks. N. of the cor. to secs 8. 9. 16 and 17. Thence N. 89°35' W. on a true line bet. secs. 8 and 17, with same va.
12.50	Wash 10 lks. wide 1 ft. deep, dra N. 15° E.
39.91	Set gray limestone 14 x 8 x 6 ins. 9 ins in the ground, for ¼ sec. cor. marked ¼ on N face, dug pits 18 x 18 x 12 ins. E. and W. of stone 5½ ft. dist, and raised a mound of stone 1½ ft. high, 3½ ft. base, alongside
65.65	Road from Conger's Ranch to Snake Creek brs. N. 20° E. and S. 20° W.
70.60	Creek 5 lks. wide 4 ins. deep runs N.
79.82	The cor to secs. 7, 8, 17 and 18. Land, level. Soil, clay and gravel 2nd rate.

56 Subdivisional T. 7 S. R. 19 W.

Chains		Chains
	Dense undergrowth, greasewood on 79.38 chs.	
	West on a random line bet. secs. 7 and 18.	40.00
	Va. 16° 20' E.	
40.00	Set temporary 1/4 sec. cor.	
79.38	Intersect W. boundary of Tp. 7 S. Rge. S. of the cor. to secs. 7, 12, 13 and 18. established under present contract.	80.00
	Thence	
	S. 89° 27' E. on a true line bet. secs. 7 and 18, with same va.	
39.38	Set blue limestone 18x14x4 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, dig pits 18x18x12 ins. E. and W. of stone 5 1/2 ft. dist., and raised a mound of stone 1 1/2 ft. high, 3 1/2 ft. base, alongside.	
79.38	The cor. to secs. 7, 8, 17 and 18.	
	Land, level.	
	Soil, 2nd rate.	
	Dense undergrowth greasewood on 79.38 chs.	

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Salt Lake Meridian 57

Chains	North bet. secs 7 and 8.
	Va. 16°20' E.
40.00	Set gray limestone 14 x 8 x 5 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base, alongside.
80.00	Set blue limestone 18 x 14 x 12 ins. 12 ins. in the ground, for cor. to secs. 5, 6, 7 and 8, marked 5 notches on E. and S. edges, dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base, alongside.
	Land, level.
	Soil, clay and gravel, 2nd and 3rd rate.
	Dense undergrowth, grass wood on 80.00 ch.
	East on a random line bet. secs. 5 and 8.
	Va. 16°20' E.

58 Subdivisional T. 21 S. R. 19 W.

Chains	
40.50	Set temporary 1/4 sec. cor.
79.40	Intersect N. and S. line 60 lks. S. of the cor. to secs. 4, 5, 8 and 9.
	Thence
	S. 89° 34' W. on a true line bet. secs. 5 and 8, with same var.
27.23	Road brs. N. 30° E. and S. 30° W.
39.70	Deposited marked stone 12 ins. in the ground, for 1/4 sec. cor. dug pits 18 x 18 x 12 ins. E. and W. of stone 3 1/2 ft. diat., and raised a mound of stone 1 1/2 ft. high 3 1/2 ft. base, over it.
	In E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on N. face
60.00	Leave greasewood.
69.10	Wash 10 lks. wide 1 ft. deep dra. N.
79.40	The cor. to secs. 5, 6, 7 and 8.
	Land, nearly level.
	Soil, clay and gravel 2nd rate.
	Dense undergrowth, greasewood on 60 chs.

Chains	West on a random line bet. secs. 6 and 7.
	Va 16° 20' E.
40.00	Set temporary 1/4 sec. cor.
79.92	Intersect W. boundary of Tp. 5 S. Rs. N of the cor. to Secs. 1, 6, 7 and 12. established under present contract
	Thence
	N. 89° 35' E. on a true line bet. secs. 6 and 7, with same va.
	Sand ridge about 10 ft. high brs. N. W. and S. E.
21.77	Road brs. N. E. and S. W.
39.90	Deposited marked stone 12 ins. in the ground, for 1/4 sec. cor. 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. Dug 6 pit drove a stake 2 ft. long, 12 ins. in the ground, marked 1/4 S. on N. face.
60.00	Leave greenwood.
72.90	Wash 5 lks. wide 3 ft. deep drs. N.
79.90	The cor. to secs. 5, 6, 7 and 8.

Subdivisions T 21 S R 19 W

Chains	Land, nearly level. Soil, sand and clay 1st and 2nd rate. Dense undergrowth, greenwood on 60 chs.
	North on a true line bet. secs. 5 and 6. Va. 16° 20' E.
8.00	Enter greenwood.
10.00	Intersect 4th standard parallel S. at 17 chs. E. of the standard cor. to secs. 31 and 32, T. 20 S. R. 19 W. which is a charred cedar post 4 ft. long, 4 ins. square, 12 ins. in the ground, marked S. C. T 20 S. R. 19 W. on N. S. 32 on E. and S. 31 on W. faces, with pits 24 x 18 x 12 ins. N. E. and W. of post 6 ft. dist, and a mound of earth 2 ft. high, 4½ ft. base around post. At which point I set a gray lime stone 14 x 10 x 6 ins. 9 ins. in

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Salt Lake Meridian

Chains the ground for closing cor. to secs. 5 and 6 T. 21 S. R. 1 W marked C. C with 5 notches on E. and 1 notch on W. edge; dug pits 24 x 18 x 12 ins. S. E. and W. of stone 6 ft. dist, and raised a mound of earth, 2 ft. high, 4 1/2 ft. base alongside.

Land, level.

Soil, 2nd rate.

Dense undergrowth greenwood on 2 chs.

June 2nd 1884

General Description.

This Township contains a variety of land, from valleys to mountains and the soil ranges from barren rocks to rich loam.

The soil of the bottom along Lake and Snake Creeks, is generally rich loam, capable of producing good crops without irrigation. The soil of the

T 21 S R 19 W.

62

Chains remaining portion of the township, except the mountains can nearly all be classed as 2nd rate. It is covered with grass and white sage, good for grazing. also greasewood & sagebrush.

The mountains in the S. E. part are very rocky and precepetious not suitable for cultivation, but have an abundance of good lime stone, for lime and building rock.

Charles W Roland, Applicant for survey has a small farm with irrigation dam & ditches and some fencing in S W 4 Sec 31

The Township is well watered by Lake and Snake Creeks, which run through the west part of it.

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

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, January 17th 1885

The foregoing field notes of the survey of the Subdivisions

Township No. 21 South *Range No.* 9 West

Executed by Andrew J Stewart Jr. No 125

Under his *contract of the* 19th

day of April 1884, *in the month of* May & June 1884, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A-205

REPORT: 1885 88

Filed 188

Examined by .....

Transcribed by Henry R. Atkinson

Compared by C. E. H. Atkinson

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

OF

Township No 29 South

Range No 14 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart Jr

U. S. Deputy Surveyor,

Under his Contract No. 125

Dated April 7th 1884

Survey commenced May 10th 1884

Survey completed " 19th 1884

NAMES AND DUTIES OF ASSISTANTS:

.....*Compassman.*

.....*Chainman.*

.....*Chainman.*

.....*Chainman.*

.....*Chainman.*

.....*Axeman.*

.....*Axeman.*

.....*Flagman.*

I, J. S. Giles

do solemnly swear that I will well and truly perform the duties of compassmen, according to instructions given me, and to the best of my skill and ability, in the survey of the Standard exterior and subdivision lines in T. 15 S. R. 18 W. T. 15 S. R. 3 W. T. 16 S. R. 19 W. T. 21 S. R. 19 W. and in T. 27 S. R. 14 W.

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

J. S. Giles, Compassman.

Subscribed and sworn to before me this 1 day of May 1884

Ernst Salomon
Notary Public

JMC.

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We, B. A. Stringam
and W. M. Cowan

do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Standard exterior and subdivision lines in Tp 15 S. R. 3 W. Tp 15 S. R 18 W., T 16 S. R. 18 W. T 21 S. R. 19 W. and in T. 27 S. R. 14 W.

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

B. A. Stringam, Chainman.
W. McCowan, Chainman.
, Chainman.
, Chainman.

Subscribed and sworn to before me this 5th day of May 1884

J. Giles
Notary Public
J. M.

[3.—PRELIMINARY OATH OF AXEMEN.]

We, B. J. Brown

and J. F. Giles

do solemnly swear that we will well and truly perform the duties of axemen, in the establishment of corners, and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of Standard exterior and Subdivision lines in T. 15 S. R. 3 W., Tp. 15 S. 18 W. T. 16 S. R. 19 W. T. 21 S. R. 19 W. and in T. 27 S. R. 14 W.

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

B. J. Brown, Axeman.

J. F. Giles, Axeman.

Subscribed and sworn to before me this 5" day of May 1884

J. F. Giles

Notary Public

J.H.C.

Township 27 S. R. 14 W.

6	164	5	143	4	129	3	118	2	106	1
163		162		141		128		117		105
7	161	8	140	9	127	10	116	11	104	12
160		158		139		126		115		103
18	157	17	138	16	125	15	114	14	102	13
155		154		136		124		113		101
19	152	20	135	21	123	22	112	23	100	24
151		150		134		122		112		99
30	148	29	133	28	121	27	110	26	98	25
147		146		132		120		109		97
31	144	32	131	33	119	34	107	35	96	36

Subdivision Th. 27 S. R. 14 W. Salt Lake Mer.

Chains Preliminary to commencing this survey, I ran north on a blank line on the east boundary of sec. 36, and at 39.95 chs. found ¼ sec. cor. & at 80 chs. found the sec. cor. My compass will therefore run the same lines as the exterior boundaries and the chaining practically agrees. Survey commenced May 10th 1880 with a Burts improved solar compass. I commenced at the cor. to secs. 1, 2, 35 and 36, on the south boundary which is a black lava stone 15 x 8 x 6 ins. 11 ins. in the ground, with 1 notch on S. and 5 notches on west edges, and pits 11 x 18 x 12 ins. in each, sec. 5½ ft. dist., with mound of earth 2 ft. high, 4½ ft. base alongside.

Thence Run

North bet. secs. 35 and 36.

Var. 16° 15' E.

4.00 Set black lava stone 15 x 8 x 6 ins. 11 ins. in the ground, for ¼ sec. cor. marked ¼ on N. face, dug pits 18 x 18 x 12 ins. E. and S. of stone 5½ ft. dist. and mound

Subdivision of T. 27 S. R. 4 W.

Chains	
	a mound of earth 1½ ft. high, 3½ ft. base alongside.
58.25	Road from Coal Kilns to Frisco brs. N.E. — and S.W. —
80.00	Set red lava stone 14 x 10 x 6 ins. 9 ins. in the ground, for cor. to secs. 25, 26, 35 and 36 marked 1 notch S. and 1 on E. edges, dug pits 18 x 15 x 12 ins. in each sec. 3½ ft. dist, and raised a mound of earth 1½ ft. high, 4½ ft. base alongside.
	Land, level.
	Soil, gravel and clay 2nd rate.
	Fence undergrowth, sage brush
	Shad scale on 80.00 chs.
	East on a random line bet. secs 25 and 36.
	Va. 16° 15' E.
40.00	Set temporary ¼ sec. cor.
79.95	Intersect E. boundary of Tp. 25 lks. S. of the cor. to secs. 25, 36, 31 and 36 which is a black lava stone 14 x 10 x 5 ins. 9 ins. in the ground marked 1 notch S. and 5 notches W. edges, and pits 18 x 15 x 12 ins. in each sec.

Chains	ft. dist. and raised a mound of earth, 1½ ft. high 4½ ft. base alongside. Thence
	S. 89° 49' W. on a true line bet. secs. 25 & 36 with same va.
17.50	Road from Frisco to Coal Kilns bears N. E. and S. W.
39.97½	Set lava stone 14 x 10 x 8 ins. 9 ins. in the ground, for ¼ sec. cor. marked ¼ on N. face, dug pits 18 x 18 x 12 ins. E. and W. of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base alongside.
52.50	Wash 5 ft. wide 1 ft. deep drs. N.
79.95	The cor. to secs. 25, 26, 35 and 36.
	Land, level.
	Soil, gravel and clay 2nd rate.
	Dense undergrowth sagebrush and shadocale on 79.95 chs
	North bet. secs. 25 and 26.
	Va. 16° 15' E.
40.00	Set black lava stone 14 x 8 x 7 ins. 9 ins. in the ground, for ¼ sec. cor. marked ¼ on W. face dug pits 18 x 18 x 12 ins. N. and S. of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high. 3½ ft. base alongside
80.00	Set black lava stone 14 x 10 x 8 ins. 9 ins. in

Subdivision T. 27 S. R. 14 W.

Chains	the ground, for cor. to secs. 23, 24, 25 and 26 marked 1/notch E. and 2 notches on S. edges, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist, and raised a mound of earth, 2 ft. high 4½ ft. base, alongside.	Chains
	Land, level.	
	Soil, gravel and clay 2nd rate.	
	Dense undergrowth of oak brush & shadscale on 80.00 chs	
	East on a random line bet. secs. 24 and 25 No. 16°15' E	19.5
4.00	Set temporary ¼ sec. cor.	4.00
19.56	Intersect E. boundary of Tp. 70 lks S. of the cor. to secs. 19, 24, 25 and 30 which is a black lava stone 15 x 8 x 6 ins. firmly set in the ground, marked with 2 notches on S. & 4 notches on W. edges, and pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist, and a mound of earth, 2 ft. high, 4½ ft. base alongside.	80.00
	Thence S. 89°38' W. on a true line bet. secs. 24 & 25 with same var.	
39.78	Set a black lava stone 14 x 8 x 6 ins. 9 ins. in the ground, for ¼ sec. cor. marked ¼ on W. face, dug pits 18 x 18 x 12 ins. E. and W. of cor. 5½ ft.	

Salt Lake Meridian

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

39.50 Wash 5 lks wide, 1 ft. deep drs. N.

79.56 The cor. to secs. 23, 24, 25 and 26.

Land, level.

Soil, gravel & clay 2nd rate.

Dense undergrowth & agebrush

Shadocale on 79.56 chs

North bet. secs. 23 & 24.

Va. 16° 15' E.

19.50 Wash 5 lks wide 1 ft. deep drs. N. W.

40.00 Set black lava stone 15 x 10 x 6 ins. 10 ins. in the ground, for ¼ sec. cor. marked ¼ on W. face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5½ ft. dist, and raised a mound of earth 1½ ft. high, 3½ ft. base, alongside.

80.00 Set lava stone 15 x 11 x 8 ins. 10 ins. in the ground, for cor. to secs. 13, 14, 23 and 24 marked 1 notch on E. and 3 on S. edges, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist, and raised a mound of earth

6 Subdivision T. 27 S. R. 14 W.

Chains 1½ ft. high, 3½ ft. base alongside.
Land, level and gently ascending
Soil, clay and gravel 2nd rate.
Dense undergrowth sage brush
Shadscale on 8000 chs

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

Va. 16° 15' E.

40.00 Set temporary ¼ sec. cor.
79.44 Intersect E. boundary of Tp. 28 lks.
N. of the cor. to secs. 13, 18, 19 and 24
which is a black lava stone 14x10x8 in
firmly set in the ground, marked
3 notches on N. and S. edges, with
pits 18x18x12 ins. in each sec. 5 links
dist, and a mound of earth 2 ft.
high, 4½ ft. base alongside. Thence
N. 89° 48' W. on a true line bet. secs.
13 and 24 with same va.
39.72 Set lava stone 14x10x6 ins. 7 ins. in
the ground, for ¼ sec. cor. marked
¼ on N. face, dug pits 18x18x12 ins.

Salt Lake Meridian

Chains	E. and W. of stone 5½ ft. dist, and raised a mound of earth 1½ ft. high 3½ ft. base, alongside
53.62	Road from Frisco to Nevada brs. N. W. and S. E.
79.44	The cor. to secs. 13, 14, 23 and 24. Land, level. Soil, 1st rate. Dense undergrowth cagebrush & shadscale on 79.44 chs
	North bet. secs. 13 and 14. Va. 16°15' E.
9.00	Road from Frisco to Snake Valley brs. N. W. and S. E.
40.00	Set black lava stone 14×12×8 ins. 9 ins. in the ground, for ¼ sec. cor. marked ¼ on W. faces 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.
80.00	Set lava stone 15×10×8 ins. 10 ins. in

8 Subdivision T. 27 S. R. 14 W.

the ground, for cor. to secs. 11, 12, 13 and 14, marked 4 notches S. and 1 notch E. edges, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base alongside.
Land level.
Soil, clay and gravel, 2nd rate.
Dense underground sagebrush & shadscale mean 80.00 chs.

May 10. 1884

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

Va. 16° 20' E.

4000 Set temporary ¼ sec. cor.
80.64 Intersect E. boundary of Tp. 32 lks. S. of the cor. to secs. 7, 12, 13 and 18, which is a blue limestone 16 x 10 x 6 ins. firmly set in the ground, marked 4 notches on S. and 2 notches on W. edges, and pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist., and a mound of earth 2 ft. high 4½ ft. base alongside. Thence
S. 89° 46' W. on a true line bet. secs. 12 and 13 with same va.

,13 and	Chains	
notch	40.32	Set black lava stone 14x10x6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18x18x12 ins. E. and W. of stone 5½ ft. dist, and raised a mound of earth 1½ ft. high, 3½ ft. base alongside
in each		
mound		
longside		
brush	80.64	The cor. to secs. 11, 12, 13 and 14.
		Land level.
		Soil, gravel and clay 2nd rate.
		Dense undergrowth & age brush &
et secs		Shadscale on 80.64 chs
		North bet. secs. 11 and 12.
		Va. 16° 40' E.
lks. S. of		
hich is	4000	Set black lava stone 15x10x6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18x18x12 ins. N. and S. of stone 5½ ft. dist, and raised a mound of earth 1½ ft. high, 3½ ft. base alongside.
rmly set		
otches		
lges, and		
5½ ft.		
high 4½		
	8000	Set black lava stone 16x10x8 ins 11 ins. in the ground, for cor. to secs. 1, 2, 11, and 12
secs 12 and		

12 Subdivision T. 27 S. R. 14 W.

Chains	2 ft. high 4½ ft. base alongside
	Thence:
	S. 00° 11' E. on a true line bet. secs. 1 & 2 with same va.
35.20	Wash drs. N. W.
39.22	Deposited marked stone 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 raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove a stake 2 ft. long 2 ins. square, 12 ins. in the ground marked ¼ S. on W. face.
41.20	Wash 10 lks. wide 3 ft. deep drs. N. W.
52.50	Road from Mines to Wah Wah brs. S. W. and N.
67.75	" " " " " brs. S. W. and N.
79.22	The cor. to secs. 1, 2, 11 and 12.
	Land, level.
	Soil, clay and gravel 2nd rate.
	Dense undergrowth sage brush & shadscale on 79.22 chs.
✓	
	From the cor. to secs. 2, 3, 34 and 35 on the S. boundary of the Tp. which is a gray

Chains limestone 14x8x8 ins. firmly set in the ground marked 2 notches E. and 4 notch W. edges, with pits 18x18x12 ins. 5½ ft. dist., in each sec. and a mound of earth 2 ft. high, 4½ ft. base alongside.

Run North bet. secs. 34 and 35.

Va. 16°00' E.

30.00 Road from coal Kilns to Frisco brs. S. W. and N. E.

40.00 Set black lava stone 14x10x6 ins. 9 ins. in the ground, for ¼ sec. cor. marked ¼ on W. face, dug pits 18x18x12 ins. W. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

70.10 Creek 20 lks wide 3 ft. deep runs W. E.

80.00 Deposited marked stone 12 ins. in the ground, for cor. to secs. 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 ins square, 2 ft. long 12 ins. in ground marked:—

T. 27 S. S. 26 on N. E.

R. 14 W. S. 35 on S. E.

S. 34 on S. W. and

14 Subdivisions T. 27 S. R. 14 W.

Chains S. 27 on N. W. faces with 1 notch on & 2 notches on E. edges.

Land, level.

Soil, 2nd & 3 rate.

Dense undergrowth, sagebrush & shadscale on 80,00 chs

East on a random line bet. secs 26 and 35

Va. 16° 15' E.

40.00 Set temporary 1/4 sec. cor.

79.54 Intersect N. and S. line 61 lk N. of the cor. to secs. 25, 26, 35 and 36.

Thence I run

N. 89° 34' W. on a true line bet. secs 26 and 35 with same va.

39.77 Set black lava stone 14 x 10 x 6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18 x 18 x 12 ins. E. and W. of stone 5 1/2 ft. dist, and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft base alongside

Chains	
39.80	Creek 10 lks wide 1 ft. deep drs.
	N. W.
79.54	The cor. to secs. 26, 27, 34 and 35.
	Land level
	Soil, clay and gravel 2nd rate.
	Dense undergrowth sagebrush
	& shadscale on 79.54 chs
	North bet. secs 26 and 27.
	Va. 16°30' E.
40.00	Set black lava stone 14 x 10 x 8 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N. & S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base, alongside.
80.00	Deposited marked stone 12 ins. in the ground, for cor. to secs. 22, 23 26 and 27, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist., and raised a mound

16 Subdivision T. 27 S. R. 14 W.

Chains		Chains
	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	4000
		79.50
	T. 27 S. S. 23 on N. E.	
	R. 14 W. S. 26 on S. E.	
	S. 27 on S. W. and	
	S. 22 on N. W. faces	
	with 2 notches on E. and 2 notches on S. edges.	7.50
	Land, level.	39.75
	Soil, gravel and clay 2nd rate.	
	Dense underprouth cage bush & shadscale on 80,00 chs	
	May 12. 1884	
		79.50

Chains East on a random line bet. secs. 23 and 26.

Va. 16°15' E.

4000 Set temp. 1/4 sec. cor.

79.50 Intersect N. and S. line 68 lks. N. of the cor. to secs. 23, 24, 25 and 26 Thence Irun

N. 89°31' W. on a true line bet. secs. 23 and 26. with same va.

7.50 Wash 10 lks. wide 2 ft. deep drs. N.

W.

39.75 Set gray lava stone 14 x 8 x 6 ins. 9 ins in the ground, for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18 x 18 x 12 ins. E. and W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base alongside

79.50 The cor. to secs. 22, 23, 26 and 27

Land, level.

Soil, clay and gravel 2nd rate.

Dense undergrowth @ ajibrush

Shadscale on 79.50 Chs

North bet. secs. 22, and 23.

Va. 16°45' E.

18. Subdivision T. 27 S. R. 14 W.

Chains		Chains
4000	Deposited marked stone 12 ins. in the ground, for 1/4 sec. cor. dug pit 18 x 18 x 12 ins. W. and S. of corner 5 ft. dist., and raised a mound of earth 1½ ft. high 3½ ft. base, over.	4000
	In W. pit drove a stake 2 ft. long 2 ins. square, 12 ins. in the ground marked 1/4 S. on W. face.	80.00
		10.00
		33.60
80.00	Set black lava stone 16 x 14 x 12 ins. 1[illegible] ins. in the ground, for cor. to secs. 14, 15, 22 and 23, marked 1 notch on E. and 3 on S. edges, dug pits 18 x 18 12 ins. in each sec. 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base, alongside.	40.00
	Land, level	71.90
	Soil, gravel and clay. 2nd rate.	80.00
	Dense underwood [illegible] & shads cale on 80.00 chs	

[illegible]

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

Va. 16°45' E.

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Chains	
40.00	Set temporary 1/4 sec. cor.
80.00	Intersect G. and S. line 79 lks. G. of the cor. to secs. 13, 14, 23 and 24.
	Thence I run
	N. 89° 26' W. on a true line bet. secs. 14 and 23 with same va.
10.00	Wash drs. G.
33.60	Creek 10 lks. wide 3 ins. deep runs. N.
40.00	Set lava stone 15 x 8 x 5 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on G. face, dug pits 18 x 18 x 12 ins. E. and W. of stone 5 1/2 ft. dist, and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.
71.90	Creek 10 lks. wide drs. G.
80.00	The cor. to secs. 14, 15, 22 and 23.
	Land, level.
	Soil, 1st and 2nd rate.
	Dense underground sage brush and shadscale on 80.00 chs
	North bet. secs. 14 and 15.
	Va. 16° 45' E.

Subdivision T 27 S R 14 W

Chains		Chains
	earth 1½ ft. high, 3½ ft. base alongside	
56.50	Creek 3 ft. wide 1 ft. deep runs N.	
	E. about 15 chains, thence more N.	59.75
80.00	Set gray granite stone 14 x 12 x 4 ins.	73.25
	7 ins. in the ground, for cor. to secs. 2,	79.50
	3, 10 and 11 marked 2 notches E. & 3	
	notches S. edges, dug pits 18 x 18 x 12 ins. in	
	each sec. 5½ ft. dist. and O. raised a mound	
	of earth 2 ft. high 4½ ft. base alongside	
	Land, level.	
	Soil, clay and gravel 2nd rate.	
	Dense undergrowth, sage brush	
	& shadscale on 80.00 chs	
		40.00
		79.32
	East on a random line bet. secs. 2 & 11	
	Va. 16° 00' E.	
40.00	Set temporary ¼ sec. cor.	
79.50	Intersect N. and S. line 40 lks. N. of the	
	cor. to secs. 1, 2, 11, & 12. Thence	
	N. 89° 43' W. on a true line bet. secs. 2 and	
	11 with same va.	
27.75	Creek 5 lks. wide 6 ins. deep runs N.	
39.75	Set black lava stone 14 x 8 x 6 ins. 7 ins. in	39.32
	the ground, for ¼ sec. cor. marked ¼	
	on N. E. face, dug pits 18 x 18 x 12 ins. E.	

Salt Lake Meridian 22

Chain and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

59.75 Wash 20 lks wide 3 ft. deep drs. N.

73.25 Creek 10 lks. wide 10 ins. deep runs N. E.

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

Land level.

Soil, clay and gravel 2nd rate.

Dense underground sagebrush

Shads calc on 79.50 chs

North on a random line bet. secs. 2 & 3.

Va. 16° 00' E.

40.00 Set temporary ¼ sec. cor.

77.32 Intersect N. boundary of Tp. 79 lks. E. of the cor. to secs. 2, 3, 34 and 35 which is a blue lime stone 16x10x6 ins. firmly set in the ground, marked 2 notches on E. and 4 notches on W. edges and pits 18x18x12 ins. in each sec. 5½ ft. dist., and a mound of earth 2 ft. high, 4½ ft. base alongside. Thence S. 00° 34' E. on a true line bet. secs. 2 and 3 with same va.

39.32 Deposited marked stone 12 ins. in the ground, for ¼ sec. cor. dug pits 18x18x12 ins. E. and S. of stone 5½ ft. dist.,

24 Subdivision T. 27 S. R. 14 W.

Chains		Chains
	and raised a mound of earth 1½ ft. high 3½ ft. base over it.	
	In N. pit drove a stake 2 ft. long, 2 ins. square 12 ins. in the ground, marked ¼ S. on W. face.	80.00
49.35	Road from Mines to Wah Wah brs. S. W. and N. E.	
79.32	The cor. to secs. 2, 3, 10 and 11.	
	Land, level.	
	Soil, clay and gravel 2nd rate.	
	Dense undergrowth sage brush	
	Shadscale on 79.32 chs	
	May 13. 1884	
	From the cor. to secs. 3, 4, 33 and 34 on the S. boundary of the township which is a black lava stone 14x8x6 ins. firmly	40.00
	set in the ground with 3 notches on	80.10
	and Wedges, with pits 18x18x12 ins. in	
	sec. 5½ ft. dist. and a mound of earth 2	
	4½ ft. base alongside. Thence.	
	North bet. secs. 33 and 34.	
	Va. 16° 15' E.	40.05
39.24	Road from Frisco to Coal Kilns. E. & W.	
40.00	Set black lava stone 14x8x6 ins. 9 ins. in the ground, for ¼ sec. cor.	

Chains marked 1/4 on W. face, and raised a mound of earth and stone alongside.

8000. Set black lava stone 15x10x7 ins. 10 ins. in the ground, for cor. to secs. 27, 28, 33 and 34, marked 3 notches on E and 1 on S. edges, and raised a mound of earth and stone alongside.

Land, level.

Soil, 1st and 2nd rate.

Dense undergrowth ~~sagebrush~~

Chadscale on 8000 Chs

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

Va 16°15' E.

40.00 Set temporary 1/4 sec. cor.

80.10 Intersect N. and S. line 10 lks. S. of the cor. to secs. 26, 27, 34, & 35.

Thence I run

S. 89°56' W on a true line bet. secs. 27 and 34, with same va.

40.05 Set black lava stone 14x10x6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18x18x12 ins. E. and W. of stone 5 1/2 ft. dist. and raised

26. Subdivision T 27 S 14 W

Chains		Chains
	a mound of earth 1½ ft. high, 3½ ft. base, alongside	
80.10	The cor. to secs. 27. 28. 33. and 34.	
	Land, level.	
	Soil, gravel and clay 2nd rate.	
	Dense undergrowth sage brush & shadscale on 80.10 ch.	
	North bet. secs. 27 and 28.	40.00
	Ca 16° 45' E.	79.20
20.00	Wash 3 ft. deep 10 lks. wide. drains N. & E.	
40.00	Set black lava stone 22 x 14 x 12 ins. 18 ins. in the ground, for ¼ sec. cor. marked ¼ on N. face, dug pits 18 x 18 ins. N. and S. of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base, alongside	39.60
80.00	Set black lava stone 14 x 10 x 4 ins. 9 ins. in the ground, for cor. to secs. 21, 22, 27 and 28. marked 3 notches on E. and 2 on S. edges. dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base alongside	79.20

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Chains	Land, level.
	Soil, 1st rate.
	Dense undergrowth sagebrush
	Chadscale on 8000 cks
	East on a true down line bet. secs. 22 and 27.
	Va 16° 00' E
4000	Set temporary 1/4 sec. cor.
79.20	Intersect N. and S. line 60 lks. S. of the cor. to secs. 22, 23, 26 & 27.
	Thence Trun
	S. 89°34' W. on a true line bet. secs. 22 & 27 with same va.
39.60	Set red limestone 16 x 8 x 4 ins. 11 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18 x 18 x 12 ins. E. and W. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base, alongside.
79.20	The cor. to secs. 21, 22, 27 and 28.
	Land, nearly level.
	Soil, mixed with clay and gravel 2nd rate
	Dense undergrowth

28 Subdivision T 27 S R 14 W

Chains		Chains
	Sage brush and shads cale in of 9.20 ch.	
	North bet. secs. 21 and 22. Va 16°45' E.	
6.90	Wash bears N. E.	
36.75	Road bro. S. W. and N. E.	
38.50	Trail " E. and W.	41.00
40.00	Set black lava stone 13 x 6 x 4 ins. 8 ins in the ground, for 1/4 sec. cor. marked "4 on W. face, dug pits 18 x 18 x 12 ins N. and S. of stone 5½ ft. dist, and raised a mound of earth 1½ ft. high, 3½ ft. base alongside.	80.00 2.00
65.00	ridge about 6 ft. high. bro. E. and W.	40.00
70.00	Foot of ridge bro. E. & W.	
76.00	Trail bro. E. & W.	
80.00	Set black lava stone 14 x 10 x 6 ins. 9 ins in the ground, for cor. to secs. 15 & 16 21 & 22, marked 3 notches on S. and E. edges, and raised a mound of earth and stone alongside.	54.57 7.90 80.00
	Land, level.	
	Soil, 1st rate	
	Dense undergrowth sage	

Chains	Crush & shadscale on 80,00 chs
	East on a random line bet. secs. 15 and 22.
	Va. 16°45' E.
40.00	Set temporary 1/4 sec. cor.
80.00	Intersect N. and S. line 50 lks. S. of the cor. to secs. 14, 15, 22 and 23.
	Thence Irun
	S. 89°35' W. on a true line bet. secs. 15 and 22 with same va.
2.00	Road bears N. E. and S. W.
40.00	Set a gray limestone 16x10x4 ins 11 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face. dug pits 18x18x12 ins. E. and W. of stone 5 1/2 ft. dist, and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base, alongside.
54.57	Trail brs. N. W. and S. E.
71.90	Wash drs. N.
80.00	The cor. to secs. 15, 16, 21 and 22.
	Land level.
	Soil 1st rate.

(3) Subdivision Tp 27 S. R. 14 W.

Chains		Chains
	Dense undergrowth sagebrush & hads calcon 8000 Ch	
	North bet. secs. 15 and 16. Va. 16°20' E.	
4000	Deposited marked stone 12 ins. in the ground, for 1/4 sec. cor. dug pits 18 X 18 X 12 ins. N. and S. of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base 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.	
49.00	Creek runs N. E. 6 lbs. wide 3 ins. deep	
68.00	Road from Frisco to Nevada, bears N. W. and S. E.	4000
80.00	Deposited marked stone 12 ins. in the 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.	8030
		5.00

Chains	In S. E. pit drove a stake 2 ft. long 2 ins. square, 12 ins. in the ground, marked T. 27 S. S. 10 on N. E. R. 14 W. S. 15 on S. E. S. 16, on S. W. and S. 9 on N. W. faces, with 3 notches on E and 4 on S. Edges. Land, level. Soil, 2nd rate. Dense underground sagebrush Shade scale on 80,00 chs
	East on a random line bet. secs. 10 and 15 Va. 16° 30' E.
40.00	Set temporary ¼ sec. cor.
80.30	Intersect N. and S. line 68 lks. S. of the cor. to secs. 10, 11, 14 & 15 Thence I run S. 89° 31' W. on a true line bet. secs. 10 & 15. with same va.
5.00	Water overflowing ground 6 chs.

22 Subdivision Tp 27 S R 14 W

Chains		Chains
	wide	
40.15	Set black lava stone 18 x 10 x 7 ins 12 ins in the ground, for 1/4 sec. cor. marked 1/4 on N face, dug pits 18 x 18 x 12 ins. E. and W. of stone 5½ ft. dist. & raised a mound of earth 1½ ft. high, 3½ ft. base, alongside.	80.00
80.30	The cor. to secs. 9, 10, 15 and 16	
	Land, level.	
	Soil, 2nd rate.	
	Dense undergrowth sagebrush & shadscale on 80, 30 chs	
	May 14, 1884	
	North bet. secs. 9 and 10.	
	Va. 16° 20' E.	
40.50	Deposited marked stone 12 ins. in the ground, for 1/4 sec. cor. dug pits 18 x 18 x 12 ins. N. and S. of stone 5½ ft. dist, and raised a mound of earth 1½ ft. high, 3½ ft. base 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.	

Chains

8000 Deposited marked stone 12 ins. in the ground, for cor. to secs. 3, 4, 9 and 10, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base, over it.

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

T. 21 S. S. 3 on W. E.
R. 14 W. S. 10 on S. E.
S. 9 on S. W. and
S. 4 on W. W. faces with 3 notches on E. and 5 on S. edges.

Land, nearly level.
Soil, 1st and 2nd rate.
Dense undergrowth of sagebrush
Shadscale on 8000 lks

East on a random line bet. secs. 3 and 10.

Va. 16° 00' E.

34 Subdivision Tp 27 S R 14 W

Chains		Chains
40.00	Set temporary 1/4 sec. cor.	40.00
79.30	Intersect N. and S. line 70 lks. N. of the cor. to secs. 2, 3, 10 and 11.	80.00
	Thence I run	
	N. 89° 30' W. on a true line bet. secs. 3 and 10 with same va.	
39.65	Set black lava stone 14 x 10 x 6 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18 x 18 x 12 ins. E. and W. of stone 5 1/2 ft. dis. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base alongside.	40.00
79.30	The cor. to secs. 3, 4, 9 and 10.	
	Land, level.	
	Soil, clay and gravel 2nd rate.	
	Dense underwith sagebrush	42.10
	Shadscale on 79.30 Chs	52.50
	[illegible]	70.40
		79.30
	North on a random line bet. secs. 3 and 4.	80.00
	Va. 16° 20' E.	

Salt Lake Meridian 35

Chains	
40.00	Set temporary ¼ sec. cor.
80.00	Intersect N. boundary of Tp. 10 lks. W. of the cor. to secs. 3, 4, 33 and 34 which is a blue lime stone 15 x 10 x 6 ins. marked 3 notches on E and W edges 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 along side from which S 0°26' W on true line bch. secs. 3 & 4 with same var.
40.00	Deposited marked stone 12 ins. in the ground, for ¼ sec. cor. dug pits 18 x 18 x 12 ins. W. and S. of stone 6½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base over it. In W pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground. marked ¼ S. on W. face.
42.10	Wash or dry bed of creek drs. N. E.
52.50	Same " " " " N. W.
70.40	Road from mines to old smelter brs. S. W. and W. E.
79.30	Road from mines to old smelter brs. S. W. and W. E.
80.00	The cor. to secs. 3, 4, 9 and 10.
	Land, gently rolling.
	Soil, 2nd rate.

36 Subdivision T 27 S R 14 W

Chains		Chains
	Dense undergrowth sage brush & shadscale on 80.00 ch	80.00
	From the cor. to secs. 4, 5 32 and 33 on the South boundary of the Tp. which is a black lava stone 16 x 10 x 8 ins. firmly set in the ground marked with 4 notches on E. and 2 notches on W. edges, and pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist., and a mound of earth 2 ft. high 4½ ft. base alongside. I run	
	North bet. secs. 32 and 33. Va. 16°20' E.	
15.12	Road from Frisco to Coal Kilns bro N. E. and S. W.	40.00
40.00	Set lava stone 15 x 8 x 6 ins. 10 ins. in the ground, for ¼ sec. cor. marked ¼ on W. face, dug pits 18 x 18 x 12 ins. E. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high 3½ feet base alongside.	79.60
		12.65

Salt Lake Meridian 37

Chains

8000 Set lava stone 14 x 7 x 6 ins. 9 ins. into the ground, for cor. to secs. 28, 29, 32 and 33. marked 4 notches on E. and 1 notch on S. edge; dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dish, and raised a mound of earth 2 ft. high, 4½ ft. base, alongside.

Land, level.

Soil, 1st rate.

Venue undergrowth, sage brush & shadscale on 8,00 chs

East on a random line bet. secs. 28 and 33.

Var. 16°15' E.

4000 Set temporary ¼ sec. cor.

7960 Intersect N. and S. line 60 lks. W. of the cor. to secs. 27, 28, 33 and 34.

Thence Drun

N. 89°34' W. on a true line bet. secs. 28 and 33. with same var.

12.65 Crock 5 lks. wide 6 ins. deep runs N.

38 Subdivisions, Tp. 27 S. R. 14 W.

Chains		Chains
17.60	Creek 10 lks wide 10 ins. deep running S. E. and enters first creek at 18 chs. dis.	
39.80	Set black lava stone 14 x 6 x 6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on lk. face, dug pits 18 x 18 x 12 ins. E. and lk. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base along	71.00 75.38 80.00
79.60	The cor. to secs. 28, 29, 32 and 33.	
	Land, level.	
	Soil, clay and gravel 1st and 2nd rate.	
	Dense undergrowth sage brush and chaparral	
	79.60 chs	
	North bet. secs. 28 and 29. Var. 16° 46' E.	
14.00	Top of low ridge bro. E. and lk.	
40.00	Set black lava stone 16 x 6 x 4 ins. 11 ins. in the ground, for 1/4 sec. cor. marked 1/4 on lk. face, dug pits	40.00 79.00

Salt Lake Meridian 37

Chains	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
71.00	Wash dr. N. E.
75.38	Road brs S. W. and N. E.
80.00	Set black lava stone, 14×12×10 ins. 9 ins. in the ground, for cor. to secs. 20, 21, 28 and 29, marked 4 notches on E. and 2 on S. edges, dug pits 18×18×12 ins. in each sec. 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base, alongside.
	Land, level.
	Soil, 1st rate.
	Dense undergrowth, sage brush & shadscale on 80.00 chs.
	East on a random line bet. secs. 21 and 28
	Va. 16°45' E.
40.00	Set temporary ¼ sec. cor.
79.33	Intersect N. and S. line 10 l. Ks. N.

40 Subdivision Tp. 27 S. R. 14 W.

Chains		Chains
	of the cor. to secs. 21, 22, 27 and 28.	
	Thence Irun	
	W. 8.90°56' W. on a true line bet. secs. 21 and 28. with same va.	
15.00	Creek 2 ft. wide 6 ins. deep drs. W.	
39.65	Set white limestone 16 x 8 x 6 ins. 11 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face. dug pits 18 x 18 x 12 ins. 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.	43.85 74.20 80.00
60.00	Road brs. W. W. and S. E.	
77.50	Wash 5 lks. wide 2 ft. deep drs. W.	
79.00	Road brs. W. E. and S. W.	
79.30	The cor. to secs. 20, 21, 28 and 29.	
	Land, level.	
	Soil, clay and gravel 2nd rate.	
	Dense undergrowth cage brush & shadocale on 79.30 ch.	
	North bet. secs. 20 and 21.	
	Va. 16.°30' E.	40.00
40.00	Set black lava stone 16 x 10 x 5 ins. 10	80.40

Salt Lake Meridian 41

28	Chains	ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N. and S. of stone, 5½ ft. dist, and raised a mound of earth 1½ ft. high, 3½ ft. base, alongside.
	43.15	Trail brs. N.E. W. and S.E.
	74.20	Trail brs. N.E. W. and S.E.
	80.00	Set lava stone 14 x 13 x 6 ins. 9 ins. in the ground, for cor. to secs. 16, 17, 20 and 21, dug pits 18 x 18 x 12 ins. N. and S. of stone 5½ ft. dist, and raised a mound of earth 2 ft. high, 4½ ft. base alongside.
		Land, level.
		Soil, 1st rate.
		Dense undergrowth cagebush & shadscale on 80,00 Chs
		May 15, 1884
		East on a random line bet. secs. 16 and 21.
		Va. 16°00' E.
	40.00	Set temporary 1/4 sec. cor.
	80.40	Intersect N. and S. line 80 lks.

#4 Subdivision Tp. 27 S. R. 14 W.

Chains		Chains
	East on a random line bet. secs. 9 and 16.	
	Va. 16°30' E.	
41.50	Set temporary 1/4 sec. cor.	
80.20	Intersect N. and S. line 78 lks. W. of the cor. to secs. 9, 10, 15 and 16.	
	Thence Run	16.00
	N. 89°27' W. on a true line bet. secs. 9 and 16. with same va.	17.00
2.20	Creek runs N.	
16.30	" " "	40.00
21.30	" " "	
34.65	Road from Prisco to Nevada bears N.W. and S.E.	
40.10	Set lava stone 14x10x6 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18x18x12 ins. E. and W. of stone 5½ ft. dist, and raised a mound of earth 1½ ft. high, 3½ ft. base alongside	74.00 78.50 80.00
80.20	The cor. to secs. 8, 9, 16 and 17.	
	Land, nearly level.	
	Soil, 1st and 2nd rate	
	Dense undergrowth sage	

Chains	Crush & shadscale on 80.20 chs
	North bet secs 8 and 9
	Va. 16°20' E
16.00	Wah Wah creek runs N E
17.00	Road from Frisco to Nevada brs. N W and S E
40.00	Set black lava stone 14x8x6 ins 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W face, and raised a mound of earth and stones alongside.
74.00	Road brs. N E and S W
78.50	" " " " " " "
80.00	Set black lava stone 14x12x4 ins. 9 ins. in the ground, for cor. to secs. 4, 5, 8 and 9, marked 4 notches on E and 5 on S edges, and raised a mound of earth and stone alongside.

46. Subdivision Tp. 27 S. R. 14 W.

Chains		Chains
	Land, level.	
	Soil, 1st rate.	39.7
	Dense undergrowth sage bru	
	& shads cale on 80.00 chs	
	East on a random line bet secs	
	4 and 9.	
	Va. 15° 00' E.	
40.00	Set temporary ¼ sec. cor.	65.95
79.40	Intersect N. and S. line 10 l.ks N.	
	of the cor. to secs. 3, 4, 9 and 10.	79.40
	Thence I run	
	N. 89° 56' W. on a true line bet.	
	secs. 4 and 9. with same va.	
19.50	Road from pines to Wah Wah	
	brs. S. W. and N. E.	
39.30	Wash 30 lks wide and 4 ft. deep	

Chains	drs. N. W.
39.75	Deposited marked stone 12 ins. in the ground, for 1/4 sec. cor. 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.
	In E. pit drove a stake 2 ft. long 2 ins. square, 12 ins. in the ground marked 1/4 S. on N. face,
65.95	Road from Mines to Wah Wah. brs. N. E. and S. W.
79.40	The cor. to secs. 4. 5. 8 and 9.
	Land, level.
	Soil, 1st rate.
	Dense undergrowth, sage brush & shadscale on 79.40 chs

48. Subdivision Tp 27 S. R. 14 W.

Chains		Chains
	North on a random line bet. secs. 4 and 5. Va. 16° 20' E.	
40.00	Set temporary 1/4 sec. cor.	79.50
79.50	Intersect. N. boundary of Tp. at 47 lks. W. of the cor. to secs. 4, 5, 31 and 32 which is a black lava stone 14 x 8 x 4 ins. 9 ins. in the ground, marked 4 notches on E. and 2 on W. edges, and pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and mound of earth 2 ft. high, 4 1/2 ft. base, alongside.	
	Thence I run South 20' W. on a true line bet. secs. 4 and 5 with same va.	
39.50	Set blue limestone 14 x 10 x 4 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face dug pits 18 x 18 x 12 ins. N. and S. of	

Chains	stone 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base, alongside
79.50	The cor. to secs 4, 5 8 and 9
	Land, level.
	Soil, 2nd rate.
	Dense underwrouth sage brush & shadscale on 79.50 ch
	From the cor. to secs 5, 6, 31 and 32, on the south boundary of the Township, which is a red lava stone 16 x 10 x 6 ins. firmly set in the ground, marked 5 notches on E. and 1 on W. edges, and pits 18 x 18 x 12 in each Section 6½ ft. dist. and a mound of earth 2 ft. high 4½ ft. base, alongside. Thence

50 Subdivision T 27 S R 14 W

Chains	Iron
	North bet. secs. 31 and 32
	Va. 16°20' E
14.15	Road from Frisco to Coal Kilns
	brs. W. E. and S. W.
40.00	Set black lava stone 14x10x10 ins. 9 ins
	in the ground, for 1/4 sec. cor.
	marked 1/4 on W. face, dug pits 18x18
	x12 ins. W. and S. of stone 5½ ft. dist.
	and raised a mound of earth
	1½ ft. high, 3½ ft. base alongside.
80.00	Set black lava stone 16x8x6 ins 11 ins. in
	the ground, for cor. to secs. 29, 30, 31
	and 32, marked 5 notches on E. and
	1 on S. edges, dug pits 18x18x12 ins.
	in each sec. 5½ ft. dist., and rais-
	ed a mound of earth 2 ft. high,
	4½ ft base along side.
	Land, decends W.

Salt Lake Meridian

	Chains	Soil, 1st rate.
		Dense undergrowth, sage brush & shadscale on 8000 chs
		East on a random line bet. secs. 27 and 32.
		Va. K. 6 E.
	4000	Set temporary ¼ sec cor
	7925	Intersect W. and S. lines at 77 lks. S of the cor. to secs. 28, 29, 32 and 33.
		Thence I run
		S. 89 27' W. on a true line bet. secs. 29 and 32 with same va.
	2220	Road to Wah Wah bro. N. W. and S. E.
	3962½	Set black lava stone 14x16x2 ins. 9 ins. in the ground, for ¼ sec. cor. marked ¼ on W. face, dug pits 18x18x18x12 ins. E. & W. of stone 5½ ft. dist. and raised a mound of

12. Subdivision T. 27 S. R. 14 W.

Chains		Chains
	earth 1½ ft. high, 3½ ft. base, alongside	
79.25	The cor. to secs. 29, 30, 31 and 32.	
	Land, level.	
	Soil, gravel clay 2nd rate	
	Dense undergrowth oak bush	9.00
	Chadscale on 79.25 chs.	39.00
	May 16, 1884	
	West on a random line bet. secs. 30 and 31	
	Va. 16°00' E.	
40.00	Set temporary ¼ sec. cor.	79.00
79.00	Intersect W. boundary of Tp. at 6 lks. N. of the cor. to secs. 25, 30, 31 and 36, which is a gray limestone 16 x 10 x 4 ins 4 ins. in the ground, marked 1 notch S. and 5 on N. ed. yes. dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist;	

Salt Lake Meridian 53

Chains	and raised a mound of earth 2 ft. high, 4½ ft. base, alongside. Thence I run
	N 87° 57' E on a true line bet. secs. 30 and 31, with same va.
9.00	Road bears N E & S W
39.00	Set black lava stone 18 x 16 x 10 ins. marked 1/4 on N face 13 ins. in the ground, for 4 sec. cor. dug pits 18 x 18 x 12 ins. E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base, alongside.
79.00	The cor. to secs. 29, 30, 31 and 32.
	Land, level.
	Soil, 2nd rate.
	Dense underground sage brush & shadscale on 79.00 Chs
	North bet. secs 29 and 30

54. ~~Subdivision of 27 S. R. 14 W.~~

Chains	Va. 16°20' E.	Chains
36.50	Road bns. N. E. and S. W.	
40.00	Set a black lava stone 14x10x10 ins. 9 ins. in the ground, for ¼ sec. cor. marked ¼ on W. face, dug pits 18x18x12 ins. N. and S. of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base, alongside.	40.00
80.00	Set black lava stone 18x12x12 ins. 13 ins. in the ground, for cor. to secs. 19, 20, 29 and 30. marked 5 notches E. and 2 on S. edges, dug pits 18x18x12 ins. in each sec. 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base, alongside.	79.50
	Land, level.	39.75
	Soil, 1st rate	
	~~Dense underground~~	

Chains	
	Dense undergrowth cage brush & shadscale on 80.00 chs
	East on a random line bet. secs 20 and 29
	Va. 16° 15' E
40.00	Set temporary ¼ sec. cor.
79.50	Intersect N. and S. line 60 lks. S. of the cor. to secs. 20, 21, 28 and 29. Thence True
	S. 89° 34' W. on a true line bet. secs. 20 and 29 with same va.
39.75	Set white limestone 14 x 8 x 5 ins 9 ins in the ground, for ¼ sec. cor. marked ¼ on N. face, dug pits 18 x 18 x 12 ins E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft high 3½ ft. base.

56 Subdivision T 27 S R 14 W

Chains		Chain
	alongside.	
65.00	Enter mountain rush brs N & S.	
79.50	The cor. to secs. 19, 20, 29 and 30	
	Land, level.	
	Soil, gravel and clay 2nd rate.	
	Dense underground, sage brush	
	& shadscale on 79.50 ch	
		39.50
	West on a random line bet	
	secs. 19 and 30	
	Va. 16°00' E.	
40.00	Set temporary 1/4 sec. cor.	
79.50	Intersect W. boundary of Tps. 18 lks.	
	G. of the cor. to secs 19, 24, 25 and	
	30, which is a gray limestone	73.25
	18 x 8 x 8 ins. firmly set in ground,	
	marked 4 notches on G. and	75.00
	2 on S. edges, and pits 18 x 18 x 12	79.50
	ins. in each sec. 5½ ft. dist, and	
	a mound of earth 2 ft.	

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Chains	
	high 4½ ft. base alongside Thence
	Drum
	N. 87°52' E. on a true line bet. secs. 19 and 30, with pain & ar.
39.50	Set white limestone 14 x 8 x 6 ins. 9 ins. in the ground, for ¼ sec. cor. marked ¼ on N. face, dug pits 18 x 18 x 12 ins E. and W. of stone, 5½ ft. dist, and raised a mound of earth 1½ ft. high, 3½ ft. base, alongside.
73.25	Road from Coal Kilns to Wah Wah brs. N. and S.
75.00	Wash 40 lks wide 4 ft. deep drs. N.
79.50	The cor. to secs. 19, 20, 29 and 30. Land, level and gently rolling Soil, rock, clay and gravel 2nd rate.

28 Subdivision Tp 27 S R 14 W

Chains	Dense underground sagebrush & shadscale on 79.50 chs	
	North bet. secs. 19 and 20 Va 16°20' E	
40.00	Set blue limestone 14x10x6 ins. 9 ins in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18x18x12 ins. N. and S. of stone 3 1/2 ft. dist, and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base alongside.	40.0
		79.2
51.18	Trail brs. N. W. and S. E.	
56.00	Wash drs. N. 30° E.	
59.00	" " " 60° E.	
80.00	Set black lava stone 20x18x12 ins. 15 ins. in the ground, for cor.	39.6

to secs 17, 18, 19 and 20, marked 3 notches on S. and 5 on E edge of, and raised a mound of earth 2 ft high, 4 ½ ft. base alongside.

Land, level.

Soil 2nd rate.

Dense undergrowth cazebrush & shadscale on 80.00 chs

East on a random line bet secs 17 and 20

Va 6° 28' E

40.00 Set temporary ¼ sec cor

79.20 Intersect E. and S. line 80 chs. S. of the cor. to secs 16, 17, 20 and 21.

Thence Irun

S. 89° 26' W on a true line bet secs 17 and 20 with same va.

39.60 Set gray granite stone 16 x 10 x 6

:0 Subdivision Tp 27 S R 14 W

Chains		Chain
	ins. 11 ins. in the ground, for	
	1/4 sec. cor. marked 1/4 on W.	40.00
	face, dug pits 18×18×12 ins E. and	80.00
	W. of stone 5½ ft. dist. and raised	
	a mound of earth 1½ ft. high	
	3½ ft. base alongside.	
41.65	Trail brs. W. W. and S. E.	
54.50	Wash 6 ft deep 75 lks. wide,	
	drs. W. E.	
66.25	Trail brs. W. W.	
79.20	The cor. to secs. 17, 18, 19 & 20	40.00
	Land, nearly level.	
	Soil, 2nd rate	
	Dense undergrowth sagebrush	
	& shadscale on 79.20 ch	
	May 17, 1884	
		41.50
	Weston a random line	50.00
	bet. secs. 18 and 19.	68.20

Chains	Va 16°20' E.
40.00	Set temporary ¼ sec. cor.
80.00	Intersect W. boundary of Tp. 16 S R. 1 W. of the cor. to secs. 18, 19, 13 and 24, which is a gray granite stone 14 x 12 x 4 ins. 9 ins. in the ground, marked 3 notches on N. and 3 S. edges and a mound of stone alongside. Thence N. 89°55' E. on a true line bet. Secs. 18 & 19 Va 16°20' E.
40.00	Set blue limestone 16 x 14 x 10 ins. 11 ins. in the ground, for ¼ sec. cor. marked ¼ on W. face, dug pits 18 x 18 12 ins. E. and W. of stone 5 ft. dist., and raised a mound of earth 1½ ft. high & 3½ ft. base, alongside
41.50	Trail bet. W. & N. and S. E.
50.00	Road bet. S. W. and N. E.
61.20	Trail bet. N. W. and S. E.

12 Subdivision Tp 27 S R 14 W

Chains		Chains
80.00	The cor. to secs. 17, 18, 19 & 20.	
	Land, level.	
	Soil, 2nd rate.	
	Dense undergrowth, sagebrush & shadscale on 80.00 ch	
	North bet. secs. 17 and 18	
	Va. 6°20' E	
40.00	Set a black lava stone, 16x10x6 ins. 11 ins. in the ground, for ¼ sec. cor. marked ¼ on E. face, dug pits 8x10x12 ins. W. and S. of stone, 3½ ft. dist; and raised	40.00
	a mound of earth 1½ ft. high, 3½ ft. base, alongside	79.30
62.50	Road brs. S. W. and W. E.	
80.00	Set black lava stone, 20x10x6 ins.	

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Chains	15 ins. in the ground, for cor. to secs. 7, 8, 17 and 18, marked 4 notches S. and 5 on E. edges, and raised a mound of earth and stone, alongside.
	Land, nearly level.
	Soil, 2nd and 3rd rate
	Dense undergrowth sagebrush & shadscale on 8000 cts
	East on a random line bet. secs. 8 and 17.
	Va. 16° E.
40.00	Set temporary ¼ sec. cor.
79.30	Intersect N. and S. line, 80 lks. S. of the cor. to secs. 8, 7, 16 and 17.
	Thence I run
	S. 89°26' W. on a true line bet. secs.

64. Subdivision Tp. 27 S. R. 14 W.

Chains		Chains
	8. and 17. with same va.	
21.20	Trail brs. N. W. and S. E.	
39.65	Set black volcanic stone 18 x 15 x 3 ins. 13 ins. in the ground, for ¼ sec. cor. marked ¼ on N. face, dug pits 18 x 18 x 12 ins. E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base, alongside.	40.00 79.25
61.50	Wash dro. S. W.	
77.50	Road brs. N. W. and S. E.	
79.00	Trail brs. N. W. and S. E.	39.25
79.30	The cor. to secs. 7, 8, 17 and 18.	
	Land, level.	
	Soil, 2nd and 3rd rate.	
	Dense undergrowth sagebrush on 79.30 chs	42.00 62.00 79.25

Salt Lake Meridian

Chains West on a random line bet. secs. 7 and 18.

V.a. 16°30' E.

40.00 Set temporary 1/4 sec. cor.

79.25 Intersect W. boundary of Tp. 25 lks. N. of the cor. to secs. 7, 12, 13 and 18 which is a black lava stone 14x18x12 ins 9 ins. in the ground marked 2 notches on N. & 4 on S. edges and [illegible] a mound of [illegible] stone alongside

Thence I run

N. 89°51' E. on a true line bet. secs. 7 and 18. with same va.

39.25 Set a black lava stone 16x10x8 ins. on top of Mountain, bears S. E. and N. W. 300 ft. above valley, for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone alongside

42.00 Decend abruptly

62.00 Foot of abrupt ascent.

79.25 The cor. to secs. 7, 8, 17 and 18.

Land, mountainous.

Soil, 2nd and 3rd rate.

Mountains on 79.25 chains

66. Subdivision Tp 27 S. R. 14 W.

2)	Chains	Dense underwrith, sage brush & shads enl. on 79.25 chs
1)		~~Mountains on 79.25 chs.~~
		North bet secs. 7 and 8. Va. 16°30' E.
	.50	Trail brs. N. W. and S. E.
	4.10	Road brs. S. E. and N. W.
	6.00	Trail brs. E. and W.
	23.70	Wah Wah Spring Creek runs E.
	40.00	Set a black lava stone 15 x 10 x 5 ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base, alongside.
	43.43	Road from Frisco to Wah Wah, bro N. pt.
	62.50	To a point about 10 chs. E. of site of old smelter.
	67.00	Stone house 3 chs W.
	69.30	On old stone chimney 60 lks. W. of line.

Chains	
80.00	Set black lava stone 16 x 10 x 10 ins. 11 ins. in the ground, for cor. to secs. 5, 6, 7 and 8, marked 5 notches on S. and E. edges, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base, alongside.
	Land, nearly level.
	Soil, 2nd rate.
	Dense undergrowth, sage brush & shadscale on 8000 chs
	East on a random line bet. secs. 5 and 8.
	Va. 16° 20' E.
40.00	Set temporary ¼ sec. cor.
79.20	Intersect N. and S. line 60 lks. S. of the cor. to secs. 4, 5, 8 & 9.
	Thence true
	S. 89° 34' W. on a true line bet. secs. 5 and 8 with same va.
39.60	Set blue limestone 14 x 8 x 6 ins. 9 ins. in the ground, for ¼ sec. cor.

18 Subdivision Tp. 27 S. R. 14 W.

Chains		Chains
	marked 1/4 on N. face, dug pits 18 x 18 x 12 ins. E. and W. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base alongside.	15.00
60.00	Swale drs. S. E	
79.20	The cor. to secs. 5, 6, 7 and 8.	38.20
	Land, nearly level.	38.50
	Soil, 2nd rate.	
	Dense underground sagebrush & shadscale on 79.20 chs	
	West on a random line bet. secs. 6 and 7.	70.00
	Va. 13°30' E.	74.00
40.00	Set temporary 1/4 sec. cor.	
78.50	Intersect W. boundary of Tp. 76 lks.	78.00
	N. of the cor. to secs. 5, 6, 7, and 8, which is a blue limestone 18 x 12 x 4 ins. 13 ins. in the ground marked 5 notches on S. and 1 on N. edges and mound of stone 2 ft. high 4 1/2 ft. base alongside	78.50

Chains	Thence I run
	N. 89°27' E. on a true line bet. secs. 6 and 7 with same va.
15.00	Road from Frisco to Nevada brs. N. W. and S. E.
38.20	Wash drs. S. E.
38.50	Set blue lime stone 14x10x4 ins. 9 ins in the ground, for 1/4 sec. cor. marked 1/4 on N. face, and raised a mound of earth and stone, alongside.
70.00	To point about 8 chs. N. of wood yard.
74.00	Black lava ridge 30 ft. high brs. N and S.
78.00	Foot of same brs. N. and S.
78.50	The cor. to secs. 5, 6, 7 and 8
	Land, gently rolling and sloping to E.
	Soil, 1st and 2nd rate.
	Dense undergrowth sage brush & shadscale on 78.50 ch.
	North on a random line bet.

70 Subdivision T 27 S R 14 W

Chains	secs. 5 and 6.
	Va. 13°30' E.
40.00	Set temporary 1/4 sec. cor.
79.50	Intersect N. boundary of Tp. 74 lk W. of the cor to secs. 5, 6, 31 and 32, which is a blue lime stone 18 x 16 x 6 ins 13 ins. in the ground, marked 1 notch W. and 5 notches on E. edges, and pits 18 x 18 x 12 ins in each sec. 5½ ft. dist. and a mound of earth 2 ft high 4½ ft base alongside
	Thence I run
	S. 00° 32' W. on a true line bet. secs 5 and 6 with same va.
10.50	Trail brs. S. W. and N. E.
20.00	Wash drs. E.
28.50	" " "
38.75	Trail brs. S. W. and N. E.
39.50	Set blue limestone 16 x 12 x 8 ins. 19 ins in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5½ ft. dist. and raised a mound of earth

57.6
60.1
68.9
79.5

BOOK-A-205
166
Salt Lake Meridian 71

1/2 ft high 3 1/2 ft base alongside
57.60 Wash drains E
60.10 " " "
68.90 Trail bears E & W
79.50 The cor to secs 5.6.7 & 8
Land nearly level
Soil 2nd rate
Dense undergrowth sagebrush
Shadscale on 79.50 chs
May 19, 1884

General Description

Land in this Township is above the common average, and is nearly level & gently sloping. The soil is good 1st & 2nd rate capable of producing crops without irrigation. It is is covered with dense undergrowth of sage brush & shadscale together with an abundand growth of rich grasses & white sage excellent for grazing, for which purpose it is now used. There is a mountain about 300 ft high in secs 6 & 7. There are

several streams of water running through the Tp that can be used for irrigation. There is a rock house in NE¼ Sec 7 and about 20 cords of wood in a wood yard adjacent to an old smelter. There is not at present a permanent settler in the Tp, There are herds of cattle & horses being grazed in the Tp & evidences of large herds of sheep having been kept here recently. The applicant for survey Geo R Judd, being absent with his family at the time of survey and the inability to find any person sufficiently acquainted with his improvements, prevents me from showing the same on the plat, but know them to be situated in sec 7

Andrew J Stewart Jr.
U S Dep Surveyor

BO

U. S. SURVE

Salt Lak

The fore

Township No.

Executed by

Under

day of

May

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the said field

hereby approv

BOOK-A-205 168

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Jany 17th 1885

The foregoing field notes of the survey of the Subdivisions

Township No. 27 South *Range No.* 14 West

Executed by Andrew J Stewart Jr

Under his *contract* No 125 *of the* 9th

day of April *1884, in the month of*

May *1884, 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.

80

REPORT:

Filed

Examined by

Transcribed by

Compared by

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Township No

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BOOK-A-205

OR

REPORT: 170

Filed 188

Examined by

Transcribed by Ed. Michaelis

Compared by Atkinson & Michaelis

FIELD NOTES

OF THE SURVEY OF THE

Salt Lake Meridian

OF

Township No 6 North between

Range No 1 E & 1 W

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Adolphe Jessen

U. S. Deputy Surveyor,

Under his Contract No. 127

June 2nd 1884

Survey commenced June 16 1884

Survey completed June 17 1884

NAMES AND DUTIES OF ASSISTANTS:

	Compassman
	Chainman.
	Chainman.
	Chainman.
	Chainman.
	Axeman.
	Axeman.
	Flagman.

BOOK-A
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BOOK-A-205 172

[2. PRELIMINARY OATHS OF CHAINMEN.]

We, G W Woodvine, A Moffatt, W M Walsh and Charley Boyd

do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the fractional Salt Lake Meridian North and South Boundary and Subdivisions of T 6 N, R 1 W

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

G W Woodvine, Chainman.

A Moffatt, Chainman.

W M Walsh, Chainman.

Charley Boyd, Chainman.

Subscribed and sworn to before me this 14th day of June 1884

Adolphe Jessen
US Dep Surveyor

BOO

We, W

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Salt Lake

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Subscribed

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BOOK-A-205

[PRELIMINARY OATH OF AXEMEN.]

174

We, W M Walsh

and Charley Boyd

do solemnly swear that we will well and truly perform the duties of axemen, in the establishment of corners, and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of fractional Salt Lake Meridian, North and South Boundary and subdivision of T 6 S R 1 W

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

W M Walsh, Axeman.

Charley Boyd, Axeman.

Subscribed and sworn to before me this 14th day of June 1884

Adolphe Jessen
US Dep Surveyor

*

I lay out a base of 10 chains West, from which said flag bears North 59°40' E

Natural cotangent = 5'8.51

Multiplied by 10

across breaks 5'8.51 cho

Tp. 6 N. betw. Rs 1 E & 1 W.
Survey commenced June 16 - 84
From the cor. to Tps 5 & 6 N. Rs 1 E -
& 1 W recently set by me Trim
North betw. secs. 31 & 36
Var. 16° E

Ascend.
Note. Inaccessible breaks rendering
chaining impossible I cause a
flag to be set on top of ridge and
ascertain the distance by triangulation
to be 58.50 chs. * as follows *
40.00 falls in triangulation. not set
58.50 flag where I set a lime stone 12 x 9 x 6.
for 1/4 sec. witness cor. marked S.L.M.
W.C. 1/4 on W face and raised a stone
mound alongside. descend
80.00 Set quartzite 20 x 18 x 9 in 5 in in the
ground for cor. to secs 25. 30. 31 & 36
marked S.L.M. with 5 notches on N
and 1 on S. edges and raised a stone
mound alongside.
Land. High Mts.
Soil Grate.
Timber. scall pine.
High Mountains on 80 chs.

ains
bears
51
10
51 chs

Salt Lake Meridian through

North betw. secs. 25 & 30.
Var. 16° E.

Second.

35.00 Gulch draining N. Tints Cold water ca[illegible] then along E slope of ridge.

— 40.00 Set lime stone 19×10×7 in 14 in in the grou[illegible] for 1/4 sec. cor. marked 1/4 S. L. M. on W. face and raised a stone mound alongside.

55.00 Silver Chief Quartz mill bears E. 15 [illegible]

— 56.66 U. S. M. M. No 1 of the Weber Mfg. distr[illegible] bears E. 17. 14 [illegible]

80.00 Set a quartzite 25×10×10 in 18 in in the ground for cor. to secs. 19. 24. 25 & 30. marked with S. L. M. 2 notches on S and W on N edges and raised a stone mound alongside.

Land. High Mts.

Soil. 2nd rate

Timber. scatt. pines.

High Mountains on 80 chs.

North R 1 E & 1 W. S L M

North bet Sec's 19 & 24
Var 16° E

7.50 Enter cold water canyon bears NW
8.70 Spring branch 10 lks wide 7" deep runs NW
11.50 Road bears NW & SE
15.00 Ascend
40.00 On top of ridge N E & W set a limestone 14"x10"x7" 9" in the ground for 1/4 sec cor marked 1/4 S L M on W face and raised stone mound along side. Descend
58.59 Post 4, Lot 38. Little Navy Mining Claim bears North 54° 15' E, 92 lks dist
58.01 Same Post bears S 22° 00' E, 2 chs 02 lks distant
62.10 Mouth of gulch heads S E, house bears 5 chs W
67.39 E side of road in Ogden Canyon bears N E & S W where I marked a boulder 2 ft x 1 ft x 1 ft above ground for Witness cor to Sec's 13, 18, 24 & 19 with 3 notches on N & S edges W C & S L M. Building of Electric Light Co bears W 6 chs
68.39 S side of Ogden River 8 ft deep 125 lks wide runs S W

Note. Owing impossible to chain any further on account of the River and perpendicular breaks on the other side of same, I cause a flag to be set on top of ridge and find the distance by triangulation to be 23 chs

Salt Lake Meridian, Through

80.00 Falling in foregoing triangulation, not set
Land, High Broken Mountains
Soil 3d rate
Timber scattering pines
High Mountains on 80 chs.

June 16, 1884
North bet secs 13 & 18
Var 16° E

10.39 Flag on high ridge, where I set a sandstone 12"x9"x7 8" in the ground for witness cor to secs 13, 18, 19 & 24 marked W C S L M with 3 Notches on N & S edges and raised a stone mound alongside

30.00 Gulch drains S E

40.00 Set quartzite 14 x 10 x 7 in 9 in in the ground for 1/4 sec cor marked 1/4 S L M on W face and raised a stone mound alongside

46.00 Top of low ridge bears N E & S W

68.50 Spring branch in dry canon 11 lks wide 7 in deep runs N E

71.00 On account of impassable limestone break I set a limestone 40"x40"x10.30" in the ground for Witness corner to secs 7, 12, 13 & 18 marked with

Cp. 6. N. betw. 1 E & 1 W.

2 notches on N. and 4 on S edges. W.C. & S.L.M. and cause a flag to be set on top of breaks, to which I ascertain the distance by triangulation to be 30 chs.

80.00 falling in said triangulation not out Land. High Mountains.
Soil 3 rate.
Timber. scath. pines.
High Mountains on 80 chs.

North betw. secs. 7 & 12
Var. 16° E.

21.00 Flag on top of ridge bears E & W. where I set a quartzite 14 × 10 × 7 in 4 in in the ground for witness cor. to secs. 7. 12. 13 & 18. marked W. C with 2 notches on N and 4 on S edges and S.L.M. & raised a stone mound alongside.

33.00 Gulch drains N. E.

40.00 Set limestone 12 × 10 × 10 in 7 in in the ground for 1/4 sec. cor. marked 1/4 S.L.M on W face and raised a stone mound alongside.
then along E slope of ridge

Salt Lake Meridian through

80.00 Set lime stone 18×10×6 in 10 in the ground for cor to secs. 1.6. 7 & 12. marked S.L. with 1 notch on N and 5 on E edge & raised a stone mound alongside
Land. High Mountains.
Soil 2nd rate
Timber. few pines
High Mountains on 80 chs.

North betw. secs. 1 & 6.
Var. 16° E.

8.50 Gulch drains S.E.
40.00 On ridge bears N Eg S W set lime 14×10×6 in 9 in in the ground for 1/4 sec. cor. marked 1/4 on W face S.L.M. and raised a stone mound alongside.
71.00 Bottom of canyon dr. N.
80.00 On W side of gulch set lime 24×20×10 in 18 in in the ground for cor. to tps. 6 & 7 N. R.1 E. 1 W. marked S.L.M. 6 notches on each edge and raised a stone mound alongside.
Land High Mts.

BOOK-A-205

6. N. betw. 1 Eg 1 W.

Soil 2nd rate
Trimbed. scatt. pine
High Mts. on 80 chs.

June 1st 82

For general description see
Subdivisions of Township
6 N. R 1 W.

Adolphe Jessud
W. Setup Curve.

BOOK-A-

U. S. SURVEYO

Salt Lake

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Salt

Township No.

Executed by

Under

day of

June

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the said field

hereby approved

BOOK-A-205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, August 6th 1884.

The foregoing field notes of the survey of the

Salt Lake Meridian

Township No. 6 North *Range No.* 1 E & 1 W.

Executed by Adolphe Lorenz

Under his *contract of the* 2nd

day of June 1882, *in the month of*

June 1884, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A

REPORT:

Filed

Examined by

Transcribed by

Compared by

FIE

OF THE

North

Township No

Range No

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BOOK-A-205

186

REPORT: [illegible]

Filed 188

Examined by [illegible]

Transcribed by E. Michaelis

Compared by Atkinson & Michaelis

FIELD NOTES

OF THE SURVEY OF THE

fractional

North & South boundaries.

OF

Township No 6 N.

Range No 1 W.

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Adolphe Jessen

U. S. Deputy Surveyor,

Under his Contract No. 127

Dated June 2nd 1884

Survey commenced June 16 1884

Survey completed June 17 1884

NAMES AND DUTIES OF ASSISTANTS:

Compassman

Chainman.

Chainman.

Chainman.

Chainman.

Axeman.

Axeman.

Flagman.

BOOK-A

BOOK-A-205

Southboundary Tp. 6 N. R 1 W

Survey commenced: June 16. 84.
From the cor. to secs. 33 & 34 on S. boundary
of tp. reestablished by me, which is
a lime 19×10×8. 14 in. in the ground
marked with 3 notches on E and
3 on W edges, with stone mound
alongside, from which I run
East on true line
between secs. 3 & 34
Var 16° E.

10.66 Road bears N. W. & S. E.
11.80 Wash drains N. W.
14.00 Small hollow drains N. W.
no trace of old cor.
40.00 Set lime stone 10×10×7 in. in the
ground for 1/4 sec cor. marked 1/4
on W face and raised a stone
mound alongside.
43.00 Fence bears N. E. & S. W.
51.36 Ditch runs N. W.
~~[illegible]~~ ~~End of old survey~~
55.15 Hollow drains N. W.
80.00 No trace of old cor. set lime stone 20×10×5 in.
14 in. in the ground for cor to secs. 2, 3.
34 & 35 marked with 2 notches on E and

Southboundary

4 on Wedges and raised a stone mound alongside.
Land. Bench
Soil. 1 rate
No timber.
Dense undergrowth on 80 ch

East on true line
betw secs. 2 & 35.
Var. 16° E.

32.00 Gulch drains S. W.
40.00 Set a quartzite 10×9×7 in 6 in in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a stone mound alongside
57.00 Gulch drains S. W.
80.00 Set a limestone 22×10×10 in 16 in in the ground for cor to secs 1 & 2 35 & 36 marked with 1 notch on land 5 on Wedges raised a stone mound alongside.
Land. High Mountains
Soil 3 rate
Timber. a cast pines
High Mountains on 80 ch.

BOOK-

Ea

12.50 Gulch
39.00 "
40.00 Set l
for 1/4
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66.00 Gulc
80.00 Set a
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BOOK-A-205

(47) Sp. 6 N. R 1 W.

East on true line
Letter secs. Sp 36
Var 16° E.

12.50 Gulch drains S. W.
39.00 " " "
40.00 Set limestone 14 x 9 x 7 in 9 in in the ground for 14 sec. cor. marked 14 on N face and raised a stone mound alongside
66.00 Gulch drains S. E.
80.00 Set a limestone 24 x 10 x 6 in 8 in in the ground for cor. to Tps. 5 & 6 N. R 1 E & 1 W. on the bolt Lake Meridian marked with 6 notches on each edge and raised a stone mound alongside.
Land High Mountains
Soil 3 rate.
Timber scall. pine
High Mountains on
80 ch's.

June 16 - 84

BOOK-A-

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BOOK-A-205

Northboundary Tp 6 N. R 1 W

From the cor to Tps. 6 & 7 N. R 1 E & 1 W. recently set by me I run West on a raised line to the cor. to secs. 3 & 4 on the N. boundary of same tp. which is a post set by County surveyor in place of original cor. I further perpetuate same by setting a limestone 20×10×7 in the ground marked with 3 notches on E & W edges and raised a stone mound alongside. I find the distance to be 3 Miles 59 lks. long and the falling to be 10 lks. S of the cor.

I therefore adjust my chain & instrument to the distance and course found in accordance with my special instructions & run

East on true line
between secs. 3 & 34
Var. 16° E

35.00 No trace of old cor.

40.00 Set quartzite 25×10×7 in 18 ins in the ground for 1/4 sec. cor. marked 1/4 on N face and raised a stone mound alongside

Steep ascend

Northboundary

60.00 Limestone ledges 75 ft high bears N W & S E.

80.00 Set limestone 12×12×10 in 7 in in the ground for cor to secs. 2. 3. 3 & 35 marked with 2 notches on E and on Wedges and raised a stone mound alongside.

Land. rolling bench and high

Soil 1 & 3 rain.

Timber. few pines.

High Mountains & dense undergrowth on 80 chs.

East on true line
betw. secs. 2 & 35.
Var. 16° E

8.50 Top of ridge bears N W & S E.

36.00 Gulch drains N. W.

40.00 Set limestone 12×9×7 in 7 in in the ground for 1/4 sec cor marked 1/4 on N. face and raised a stone mound alongside.

47.00 Gulch drains N. W.

64.00 Ridge bears N E & S W.

80.00 Head of gulch drains S E. set

BOOK-A-205

Sec. 1 R 1 W.

Lime stone 22 x 9 x 8 in x 4 in in the ground for cor. to secs. 1. 2. 35 & 36 marked with 1 notch on E. and 5 on Wedges and raised a stone mound alongside.
Land. High Mts.
Soil. 3 rate.
Timber few scatt. pines.
High Mountains on 80 chs.

East on true line betw
secs. 1 & 36
Var. 16° E.

Along S. slope of ridge
22.00 Gulch drains S.E.
40.00 Beta Lime stone 10 x 10 x 7 in 7 in in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a stone mound alongside.
46.00 Gulch drains S.E.
80.00 In gulch " " the cor to tps. 6 & 7.
N. R. 1 E. & 1 W.
Land. High Mts
Soil 3 rate
Timber few pines
High Mountains on 80 chs

June 17. 84

For general description see Rules of this tax.

Adolphi Jessen

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BOOK-A-209

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah. August 6th 1884.

The foregoing field notes of the survey of the fractional North & South boundaries

Township No. 6 S *Range No.* 1 W

Executed by Adolphe Jensen No 127

Under his *contract of the* 2nd

day of June 1884, *in the month of*

June 1884, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A

REPORT:

Filed

Examined by

Transcribed by

Compared by

FIE

OF THE

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Township No

Range No

SALT

Adolp

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Survey comme

Survey compl

BOOK-A-205

REPORT: 198

Filed 188

Examined by Jos. H. Cooke

Transcribed by Ed. Michaelis

Compared by Atkinson & Michaelis

FIELD NOTES

OF THE SURVEY OF THE

additional

Subdivisions

OF

Township No 6 North

Range No 1 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Adolphe Jesson

U. S. Deputy Surveyor,

Under his Contract No. 127

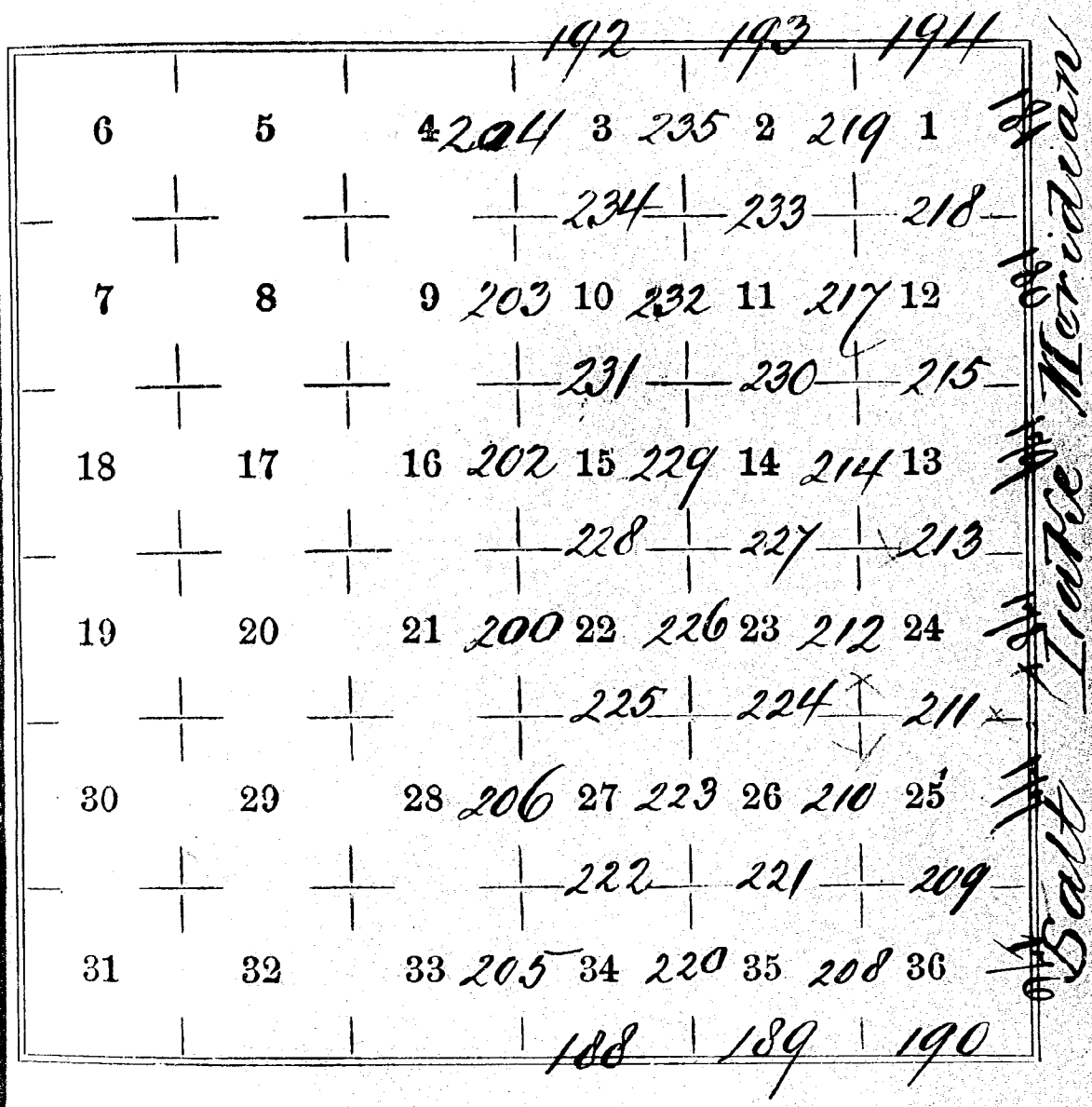
Dated June 2nd 1884

Survey commenced June 14th 1884

Survey completed June 23 1884

BOOK-A-205

Township 6 N R. 1 W.



NAMES AND DUTIES OF ASSISTANTS:

Compassman.

Chainman.

Chainman.

Chainman.

Chainman.

Axeman.

Axeman.

Flagman.

BOOK-A-205

Subdivisions Tp 6. of R 1 W.

Survey commenced June 14th 84.
The instrument used is a Gurley Solar compass frequently checked by an observation of Polaris.
From the original cor. to secs. 34.33 & 34 on st. boundary of Tp. identified by me being a post firmly set in the ground.
Run South on random line to the cor. to secs. 21.22.27 & 28. being a quartzite 16 x 10 x 6in firmly set in the ground with mound of earth & pits formerly reestablished by me
I find the distance to be 4 Miles 36 lks and falling in line.— Therefore adjust my chain accordingly and from the cor. to secs. 21.22.27 & 28 I run

North on resurvey line
betw. secs. 21 & 22
Var. 16° E.

0.40 Descend telegraph line bears NE & SW.
1.20 Canal 20 lks bears E & W.
10.50 Enter bottom
11.00 Ogden river 300 lks wide 3 ft deep runs W.

Subdivisions

15.00	Enter cultivated land
29.00	Leave " " house
	bears W. 2.50 chs. Enter under gr
31.00	Canal 5 lks wide runs W.
35.00	" 10 " " " "
38.65	" 15 " " " "
38.25	Fence bears E & W. Enter cult. lan
40.00	No trace of old cor. set quartzite
	10×7×6 in. 6 in. in the ground for 1/4
	sec. cor. marked 1/4 on W face &
	raised a stone mound alongli
	Woolen Mill bears N 45° E. 7 chs. di
41.35	Canal 15 lks wide runs W.
41.90	Road bears E & W.
42.70	fence " E & W.
47.25	" " "
49.40	" " House bears
	1.50 chs E. leave cult ground. enter dense under
50.49	Ditch runs W.
51.60	Canal 15 lks wide runs W.
53.00	Road bears N W & S E. ascend.
58.00	Canal runs W.
62.50	Enter bottom
80.00	No trace of old cor. set quartzite
	9×9×6 in. 6 in. in the ground for cor. to
	secs. 15. 16. 21 & 22 marked with 3 notch
	on Sand Edges and raised a stone

Tp 6 N R 1 W.

mound alongside.
Land Level.
Soil 1 rate.
No timber.
Dense undergrowth on 54.85 chs.

North on resurvey line
betw. secs. 15 & 16
Var 16° E.

15.00 Road bears E & W.
22.50 Enter field bears E & W. House bears 4 chs. W. Leave undergrowth
No trace of old cor.
40.00 Set quartzite 40×20×10 in 30 in in the ground for 14 sec cor. marked 14 on W face and raised a stone mound alongside.
43.00 Leave field enter undergrowth
55.00 Enter field bears E & W. leave undergrowth
62.00 Road. " "
71.50 Leave field Enter undergrowth
80.00 No trace of old cor. set quartzite 14×6×5 in 9 in in the ground for cor. to secs. 9. 10. 15 & 16. marked with 4 notches on S and 3 on E edges and raised a stone mound alongside.
Land Level.

Subdivisions

Soil 1st rate
No timber.
Dense undergrowth on 430

Northern survey line
betw. secs. 9 & 10.
Var. 16° E.

25.00 Road bears S.E. & N.W.
40.00 No trace of old corner quartzite 40 x 20 x 15 in. 30 in in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a stone mound alongside
44.00 Spring branch 20 links wide 3 in deep runs N.W.
54.00 Road bears N.W. & S.E.
80.00 At foot of ridge bears N.W. & S.E. quartzite 16 x 5 x 4 in 1 in in the ground for cor to secs. 3, 4, 9 & 10 marked corn 5 notches on S. and 3 on E. edges and raised a stone mound alongside.
Land level.
Soil 1 rate
No timber.
Dense undergrowth on 80 chs

Tp. 6 N. R 1 W.

North on resurvey line
betw secs. 3 & 4
Var 16° E.

40.00 No trace of old cor. set quartzite 10×5×5 in 7 in in the ground for 1/4 sec. cor. marked 1/4 on W face and raised a stone mound alongside.
42.00 Road bears N.W. & S.E.
45.50 School house bears W. 3 chs.
45.75 Ditch runs S.E.
60.00 2 Houses bear E 2.50 chs
69.00 Road bears E & W. ascend
74.00 Enter higher bench
80.10 The cor. to secs. 3.4.33 & 34.
Land. Level.
Soil Trail.
No timber.
Dense undergrowth on 80.10 chs

Subdivision

From the cor. to secs. 21. 22. 27 & previously identified by me I South on a random line to the cor. to secs. 3. 4. 33 & 34 as perpet by the Co. surveyor in original position of old cor. I find the distance to be 2 miles 10 lks and the falling in line.

I adjust my chain accordingly and from the cor. to secs. 3. 4. 33 & on S. boundary which I perpet by setting a limestone 19×10×8 in 12 in in the ground for cor to secs. 3. 4. 33 & 34. marked with 3 notches on E & W edges and raised a stone mound alongside.

Trim

North on resurvey line
betw. secs. 33 & 34.
Var 16° E.

12.00 Road bears NW & SE.
18.00 Wash dr NW.
27.00 ditch runs NW.
35.00 fence bears E & W.
40.00 W trace of old cor. set limestone 10×7×5 in 7 in in the ground for 1/4 sec cor, marked 1/4 on W face and raised a stone mound alongside.

BOOK-A-2

Sp.

60.00 Was
80.00 No tr
12×9
secs
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No
38.00 Fe
40.00 No
20×1
1/4 sc
an
sid
59.00 Fe
71.50 A
75.00
79.53 Fe
79.65 R

Sp. 6 N. R 1 W.

60.00 Wash drains W.
80.00 No trace of old cor. set limestone 12×9×8 in 7 in in the ground for cor. to secs. 27. 28. 33 & 34 marked with 1 notch on Sand 3 on Edges and raised a stone mound along side.
Land bench.
Soil trate
No timber.
Dense undergrowth on 80 chs

North on resurvey line
betw secs. 27 & 28
Var 16° E

38.00 Fence bears E & W. leave undergrowth Enter field
40.00 No trace of old cor. set quartzite 20×10×7 in 15 in in the ground for 1/4 sec. cor. marked 1/4 on W face and raised a stone mound along side. House bears 6.50 chs. W.
59.00 Fence bears E & W.
71.50 Ditch runs W.
75.00 " " "
79.53 Fence bears E & W. Enter undergrowth leave field
79.65 Road bears "

Subdivisions (Tp. 6 N. R.)

80.00	The cor. to secs. 21. 22. 27 & 28.
	Land. Level.
	Soil Trate.
	No timber
	Dense extensive undergrowth
	on 38. 47 chs.

June 14th 84.

BOOK-A-20

Subdivi

	Surv
	From
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	Sam
	Ascen
3.50	W. po
0.00	Set a
	for 14
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5.00	Bot
0.00	Set
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Subdivisions Tp. 6 N. R 1 W.

Survey commenced. June 18th 84.
From the cor. to secs. 35 & 36 on S.
boundary of this tp. set by me
Trun

North betw secs. 35 & 36.
Var 16° E.

Ascend
23.50 W. point of ridge bears N.E. descend.
40.00 Set a quartzite 20×10×6 in 5 in the ground
for 1/4 sec. cor. marked 1/4 on W. face and
raised a stone mound alongside.
45.00 Bottom of gulch dr S. W. ascend.
80.00 Set lime stone 12×10×6 in 7 in the
ground for cor. to secs. 25. 26. 35 & 36.
marked with 1 notch on E & Sedges
and raised a stone mound along-
side.
Land. High Mountains
Soil 2nd rate
Timber scall pine.
High Mountains & dense
undergrowth on 80 ch's.

Subdivisions

East on random line
betw secs. 25 & 36.
Var. 16° E.

40.00 Set temp 1/4 sec. cor.
80.75 57 lks S. intersect S. L. M. cor. to secs. 25 & 36, set by me from which I run

S. 89° 35' W on true line
betw. secs. 25 & 36
with same var.

8.50 Gulch drains N.
27.00 Ridge bears N W & S. E.
36.00 Gulch drains N. W.
40.37 Set limestone 19×10×7 in 13 in in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a stone mound alongside.
50.00 Ridge bears N W & S. E.
73.00 Gulch drains S. W.
80.75 The cor. to secs. 25. 26. 35 & 36.
Land. High Mountains
Soil 3 rate.
Timber. scall pines
High Mountains on 80.75 N

BOOK-A-205

N. R.

No

10.00 Top of
22.00 Head of
40.00 On ridge
stone
for 1/4
and
side.
80.00 Set li
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marke
1 on E
mou
Lan
Soil
Tim
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BOOK-A-205

N. R. 1 W.

North betw secs. 25 & 26.
Var. 16° E.

10.00 Top of ridge bears NE & SW descend
12.00 Head of gulch, ascend Trains W.
40.00 On ridge bears N & SE. set lime stone 20×10×7 in 14 in in the ground for 1/4 sec. cor. marked 1/4 on W face and raised a stone mound alongside.
80.00 Set limestone 14×9×6 in 9 in in the ground for cor. to secs. 23. 24. 25. 26. marked with 2 notches on S and on E edges and raised a stone mound alongside.
Legend. High Mountains.
Soil Grate.
Timber scatt. pines.
High Mountains on S & W.

Subdivisions Sp. 6 N. R. 1 W.

East on random line
betw secs. 24 & 25
Var. 16° E.

40.00 Set temp 1/4 sec. cor.
80.60 Intersect S. L. M. 46 lks S. of cor.
to secs. 24 & 25 set by me from which True
S. 89° 46' W on true line
betw secs. 24 & 25
with same var.
20.00 Ridge bears N. W. & S. E.
27.00 Gulch drains N. W.
40.30 Set limestone 24×19×6 in 18 in the
ground for 1/4 sec. cor. marked 1/4 on
N. face and raised a stone mound along side
46.00 Ridge bears N. W. & S. E.
60.00 Gulch drains N. W.
80.60 On top of ridge the cor. to secs. 23. 24.
25 & 26.
Laid High Mountains
Soil 3 rate
Timber scatt. pine
High Mountains on 80.60

BOOK-A

Subdi

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11.50 Desc
26.50 Enter
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Subdivisions Tp. 6 N. R 1 W

North betw. secs. 23 & 24
Var. 16° E.

11.50 Descend
26.50 Enter canyon
26.95 Road bears S. W & N.E.
27.14. Stat. boulder 5 ft. × 3 × 2 above ground
27.40 Ogden river 8 ft. deep 120 lks wide runs S. W.
29.00 Ascend
40.00 Set limestone 14 × 12 × 6 in 9 in in the ground for 1/4 sec. cor. marked 1/4 on W face and raised a stone mound alongside.
50.00 Gulch drains S. E.
55.00 Ridge bears S E & N. W.
65.00 Gulch drains S. E.
80.00 Set quartzite 40 × 20 × 10 in 30 in in the ground for cor to secs. 13. 14. 23 & 24. marked with 3 notches on Sand 1 on Edges and raised a stone mound along side.
Land High Mountains
Soil Brute.
Timber scad pines
High Mountains on 80 chs.

East on random line
betw secs. 13 & 24
Var 16° E.

40.00 Set temp 1/4 sec. cor.

60.00 On account of impassible break I offset North 10 chs 39 lks then East 20.70 chs. where I intersect the S.L.M. 29 lks S. of W.C. to secs 13 & 24 set by me. The connection will therefore be

80.70 Intersect S.L.M. 29 lks S. of cor point to secs. 13.18.19 & 24 from which I run

S. 89° 47 W on true line
betw secs. 13 & 24
with same var.

(Note. From W.C. 10.39 chs N of cor point I offset S. 89° 47' W. 20.70 chs S. 10.39 to

20.70 On line where I set a lime stone 10×10×7 in 6 in in the ground for cor to secs. 13.18.19 & 24 marked W.C. S.A. with 3 notches on N & Sedges and raised a stone mound alongside.

BOOK-A-205

26. N. R. 14 W.

40.35 On ridge set limestone 20×15×7 in 14 in in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a stone mound alongside.

64.00 Gulch drains S.E.

79.40 Spring bears N. 150 lks.

80.70 The cor. to secs. 13. 14. 23 & 24.

Land. High Mountains

Soil Grate.

Timber scatt pines.

High Mountains on 80.70 lks.

June 18 - 84

North betw. secs. 13 & 14

Var. 16° E.

19.50 Ridge bears NE & S.W. then along ridge bears N.

40.00 Set sandstone 14×9×6 in 9 in in the ground for 1/4 sec. cor. marked 1/4 on W face and raised a stone mound alongside.

50.50 Leave ridge, ascend

59.50 In gulch spring branch 10 lks wide 2 ins deep runs S.E.

76.00 Mountain top bears NE & S.W.

Subdivisions Tp 6 N. R 1

80.00 Set lime stone 20×10×10 in the ground for cor. to secs. 11.12.13 & 14 marked with 4 notches on S and 1 on E edges and raised a stone mound alongside.

Land. High Mountains

Soil 3 rate.

Timber. scatt. pines.

High Mts on 80 ch's.

East on random line

betw secs. 12 & 13

Var. 16° E

40.00 Set temp 1/4 sec. cor.

50.00 On account of perpend. breaks I offset N. 21 ch's. then E. 30.56 chs. where I intersect the S. L. M. at W. C. cor. to secs. 7.12.13 & 18 set by me, the correction will therefore be

80.56 Intersect S. L. M. at cor. point to secs. 7.12.13 & 18. from which I run West on true line

betw secs. 12 & 13

with same var

Subdivisions Tp 6. N. R1W

Note. From W.C. 21 chs N. of cor. point
I offset W. 30.56 chs, then S. 21 chs. to a
point

30.56 on line where I set a limestone
21×17×10 in 15 in in the ground for W.C.
to secs. 7.12.13 & 18 marked W.C. S.L.M.
with 4 notches on S and 2 on N edges
and raised a stone mound alongside.

40.28 Set a lime stone 10×10×10 in 6 in in
the ground for 1/4 sec. cor. marked
1/4 on N face and raised a stone
mound alongside.

71.80 Mountain top bears NE & SW

80.56 The cor. to secs. 11.12.13 & 14.
Land. High Mts.
Soil 3 rate
Timber. scatt. pines.
High Mountains on 80.56 ch.

North betw. secs. 11 & 12.
Var. 16° E

18.50 Descend
34.50 Bottom of gulch dr S. W.
40.00 Set limestone 20×10×6 in 15 in the ground for 1/4 sec. cor. marked 1/4 on W face and raised a stone mound alongside
80.00 Set sandstone 14×10×7 in 9 in the ground for cor. to secs. 1.2.11 & 12 marked with 5 notches on S and 1 on E edges and raised a stone mound alongside
Land. High Mts.
Soil. Frate.
Timber scrub pines.
High Mountains on 80 ch's.

BOOK-A-205

Sp. 6. N. R. 1 W.

East on random line
betw secs. 1 & 12
Var. 16° E.

40.00 Set temp 1/4 sec. cor.
80.70 Intersect S. L. M. 7 lks S. of
cor. to secs. 1 & 12 from which True
S. 89° 30' W on true line
betw secs. 1 & 12
with same var.
10.00 Ridge bears N. W. & S.
40.35 Set limestone 20 x 10 x 7 in 17 in
the ground for 1/4 sec. cor.
marked 1/4 on N. face and
raised a stone mound along
side.
50.00 Junction of 2 gulches.
80.70 The cor. to secs. 1. 2. 11 & 12.
Land High Mts.
Soil 3 rate
Timber scatt pines

High Mountains
on 80.70 chs.

Subdivisions Tp 6. N.R.1

North on random line
betw secs. 1 & 2
Var 16° E.

40.00 Set temp 1/4 sec cor.
80.30 Intersect N. boundary of tp at cor. to secs. 1 & 2. set by me from which I run
South on true line
betw. secs. 1 & 2
with same var.
36.00 Canyon dr. S.W.
40.30 set Limestone 10×10×5 in 7 in in the ground for 1/4 sec cor. marked 1/4 on W face and raised a stone alongside
59.00 Ridge bears N.E. & S.W.
80.30 The cor. to secs. 1.2.11 & 12.
Land High Mountains
Soil 3 rate
Timber scatt. pines.
High Mts on 80. 30 chs.

June 19 - 84.

Subdivisions Tp. 6 S. R 1 W.

From the cor. to secs. 34 & 35 on S. boundary of tp. formerly reestablished by me I run

North on resurvey line betw. secs. 34 & 35
Var. 16° E.

30.00 Ridge bears E & W.
40.00 No trace of old cor. End of resurvey set limestone 12×7×6 in. 5 in the Ground for 1/4 sec cor. marked 1/4 on W face and raised a stone mound alongside.
62.00 Gulch bar. N.W.
80.00 set sandstone 14×10×7 in. 6 in the ground for cor. to secs. 26. 27. 34 & 35 marked with 1 notch on S and W on E edges and raised a stone mound alongside.

Land. Rolling
Soil 1st & 2nd rate.
No timber.
Dense undergrowth on 80 chs.

East on random line
betw secs. 26 & 35
Var 16° E.

40.00 Set temporary 1/4 sec. cor

80.10 17 lks S. of cor. to secs. 25 26. 35 & 36 from which True
S. 89° 53' W on true line
betw secs. 26 & 35
with same var.

4.50 Top of ridge bears N E & S. W.

40.05 Set a limestone 10 x 9 x 9 in 7 in in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a stone mound alongside.

61.00 Gulch drains N.

80.10 The cor. to secs. 26. 27. 34 & 35.
Land High Mts. & level
Soil 3 rate & 1 rate
Timber scatt. pines
Dense undergrowth on 80.10

Tp. 6 N. R. 1 W.

West on random line
betw. secs. 27 & 34
Var. 16° E.

15.00 No trace of old cor.

40.00 No trace of old cor. set temp. 1/4 sec. cor.

80.09 Intersect N & S line 11 lks S. of cor. to secs 27. 28. 33 & 34 from which I run

S. 89° 55 E on true line
betw. secs. 27 & 34
with same var.

40.04 Set limestone 10 x 10 x 6 in 6 in the ground for 1/4 sec. cor. marked 1/4 on N face and raised a stone mound alongside.

65.00 Ascend

80.09 The cor to secs. 26. 27. 34 & 35.
Land. High Mts. & level
Soil 1 & 3 rate
No timber
Dense undergrowth on 80.09 c/s

Subdivisions Tp. 6 N R 1

North betw secs. 26 & 27
Var. 16° E.

Descend

25.00 Gulch drains N. W.

40.00 Set limestone 12×7×6 in 7 in the ground for 1/4 sec. cor. marked 1/4 on W face and raised a stone mound alongside.

47.00 Ridge bears N W & S.E.

80.00 Found old cor. lying a short distance of which I reset being a quartzite 15×11×6 in 9 in in the ground for cor. to secs. 22.23.26 & 27 marked with 2 notches on S & E edges and raised a stone mound alongside

Land. Rolling

Soil. 3 rate

No timber

Dense underbrush on 80 chs

BOOK-A

Subd

4000 Found
1/4 sec.
80.00 The cor
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30.00 Ridg
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60.45 Disc
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61.50 Gul
65.00 Spr
73.00 Sm
80.00 The

Subdivisions Tp. 6 N. R. 1 W.

East on said on line
betw secs. 23 & 26
Var. 16° E.

40.00 Found remains of cor. set temp.
1/4 sec. cor. End of old survey
80.00 The cor. to secs. 23. 24. 25 & 26 from
which I run
West on true line
betw secs. 23 & 26
with same var.
6.50 Head of Gulch draines S. W.
30.00 Ridge bears S. W & N. E.
40.00 Set lime stone 18 x 10 x 7 in. 10 in. in the
ground for 1/4 sec. cor. marked 1/4 on
N face and raised a stone mound
along side.
50.00 Ridge bears N. 15. 75 chs.
52.00 Lime kiln bears S. 6 chs.
60.00 Discovery stake of Humboldt Mng.
Claim bearing 750 ft. NE & 750 ft. S.W.
from disc. st. bears S. 75 lks dist.
61.50 Gulch drains N. W.
65.00 Spring bears N. about 10 chs.
73.00 Small gulch draines N. W.
80.00 The cor to secs. 22. 23. 26 & 27.

Subdivisions

Land Mountainous
Soil 3 rate
Timber scatt pines.
Dense undergrowth on 80 ch

West on random resurvey line
betw secs. 22 & 27
Var 16° E.

40.00	¼ Sec. cor. lying down
80.00	The cor. to secs. 21: 22. 27 & 28 from which I run East on true line betw secs. 22 & 27 with same var.
3.00	Descend
3.50	Road bears N. E & S. W.
14.25	Canal 10 lks wide runs N. W.
40.00	Set old cor. which is a quartzite 14 x 15 x 6 in 9 in the ground for ¼ sec cor. and raised a stone mound alongside
43.00	Ascend
47.00	Canal runs S. W. 15 lks wide
57.00	House bears N. about 10 ch's
65.00	Ridge bears N. about 12 ch's.
66.00	Descend
80.00	The cor to secs. 22. 23. 26 & 27

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Tp. 6 N. R. 1 W. 226

La id. rolling
Soil 3 & 2 rate
No timber.
Dense artemisia undergrowth
on 80 chs.
June 20 84
North on resurvey line betw secs. 22 & 23
Var 16° E.

1.75. Canal runs W.
2.00 Enter bottom
2.50 Branch of river 15 lks wide 7 in deep runs W.
26.00 Ogden river 60 lks wide runs W. 2 ft. deep
29.00 Canal 15 lks wide runs W.
House bears E. 6.50 chs dist.
29.50 Road bears E & W. ascend
40.00 The 1/4 sec. cor. being a stat. line 4×3×1 ft above marked 1/4 on N side for 1/4 sec. cor. End of old survey
45.00 Gulch dr. S.E.
47.00 " " S.W.
62.00 Road bears E & W.
72.00 perpend. ledge 60 ft high bears E & W.
80.00 Set quartzite 40×30×20 in 30 in in the

Subdivisions Tp 6 N R

ground for cor. to secs. 14.15.22 g
marked with 3 notches on S and
2 on E edges and raised a
stone mound alongside.
Land rolling
Soil Drift
No timber
Dense undergrowth on 80 ch

East on random line
betw secs. 14 g 23
Var 16° E.

40.00 Set temp 1/4 sec. cor.
80.70 Intersect N g S line 27 lks N.
of the cor to secs. 13.14.23 g 24 from
which S run
N. 89° 49' W on true line
betw secs. 14 g 23
with same var.
14.00 Ridge bears N g S.
40.35 Set quartzite 30×14×6 in ~~20~~ 22 in the
ground for 1/4 sec. cor. marked
1/4 on N face and raised a stone
mound alongside.

BOOK-A-

Subd

48.00 Mou
52.00 Cany
58.50 Top
60.50 acros
61.50 foot
80.70 The c
Land
Soi
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40.00 No t
Cor.
80.00 The
whic

1.00 Int
4.50 Le
32.50 Ro

BOOK-A-205

Subdivisions Tp 6 N R 1 W

48.00 Mouth of tunnel 2 chs. N.
52.00 Canyon drains S. W.
58.50 Top of ledge bears N & S.
60.50 across top descend
61.50 foot of same
80.70 The cor. to secs. 14. 15. 22 & 23
Land. High Mts.
Soil 3 rate.
Timber scatt. pines.
High Mountains on 80.70 ch.

West on random line
betw secs. 15 & 22
Var 16° E.

40.00 No trace of old cor. set temp. 4 sec
Cor. resurvey commences
80.00 The cor to secs. 15. 16. 21 & 22 from
which I run
East on true line
betw secs. 15 & 22
with same var.
1.00 Enter field bears N & S.
4.50 Leave same
32.50 Road bears N & S.

40.00	Set quartzite 14×9×6 & 9 in the ground for 1/4 sec cor marked 1/4 on W face and raised a stone mound alongside. House bears	
57.50	Road bears N W & S E. a second	
80.00	The cor to secs. 14. 15. 22. 23.	
	Land. Rolling	
	Soil Prate.	
	No timber	
	Dense undergrowth on 76.50	400
		80.5
	North betw secs 14 & 15 Var 16° E.	
10.00	Gulch drains S W.	
40.00	Set limestone 12×9×6 & 8 in the ground for 1/4 sec cor marked 1/4 on W face and raised a stone mound alongside.	24.
		40.2
46.00	Canyon drains S W.	
80.00	At head of gulch set limestone 10×10×8 & 7 in the ground for cor to secs. 10. 11. 14 & 15 marked with 4 notches on S and 2 on E edges and raised a stone mound alongside.	63.
		80.

Land. High Mountains
Soil 2nd rate.
No timber
High Mountains on 80 chs.

Eastern random line
betw. secs. 11 & 14
Var 16° E.

40.00	Set temp 1/4 sec. cor.
80.50	Intersect N & S. line 25 lks S. of cor. to secs. 11.12.13 & 14 from which I run
	S. 89° 49' W on true line betw secs. 11 & 14 with same var.
24.00	Descend
40.25	Set limestone 12 x 9 x 6 i 8 i the ground for 1/4 sec. cor. marked 1/4 on N face and raised as I was warned along side.
63.00	Canyon drains S. W.
80.50	The cor. to secs. 10.11.14 & 15.
	Land High Mountains
	Soil 3 rate
	Timber 1 cent. pine
	High Mountains on 80.50 chs

Subdivisions Tp. 6. N. R. 1

	Weston random line betw secs. 10 & 15 Var 16° E.	7.50
40.00	Set temp 4 sec. cor.	44.00
68.00	No trace of old cor. commence recurvy	39.00
80.38	Intersect N & S line at cor. to secs. 9. 10. 15 & 16. from which S run	40.00
	East on true line betw. secs. 10 & 15 With same var.	80.00
14.00	Ascend	
38.00	Gulch drains S. W.	
40.19	Set limestone 12×9×7: 8 in the ground for 4 sec. cor marked 4 on N face and raised a stone mound alongside.	
80.38	The cor to secs. 10. 11. 14 & 15 Land. level & high Mountains Soil. 1st & 3d rate No timber. Dense undergrowth & high Mountains on 80.38 chs. June 21st 84.	

Subdivisions Tr. 6. N. R. 1 W.

North bdry secs. 10 & 11
Var 16° E.

7.50 E. point of ridge
24.00 Gulch drains E.
39.00 Ridge bears NE & S.W.
40.00 Set limestone 12×10×7 in the ground for 1/4 sec. cor. marked 1/4 on W face and raised a stone mound alongside.
80.00 Set limestone 19×7×6 in 13 in the ground for cor. to secs. 2, 3, 10 & 11, marked with 5 notches on S and 2 on E edges & raised a stone mound alongside
Land. High Mountains
Soil 3rd rate.
Timber. scatt. pines
High Mountains on 80 ch's.

East on random line
betw. secs. 2 & 11
Var. 16° E.

40.00	Set temp. 1/4 sec. cor.	40.00
80.48	Intersect Mg. S. line 21 lks S. of	80.30
	cor. to secs. 1, 2, 11 & 12 from which Sun	
S. 89° 51'	West on true line	
	betw. secs. 2 & 11	
	with same var.	
	Ascend.	23.00
24.00	Peak 700 ft high	40.15
40.24	Set limestone 10×10×10 in. ba. in the	
	ground for 1/4 sec. cor. marked 1/4	
	on N face and raised a stone	63.00
	mound alongside.	80.30
60.00	Gulch drains N. W.	
80.48	The cor. to secs. 2, 3, 10 & 11.	
	Land High Mountains	
	Soil Grate	
	Not timber.	
	High Mountains on 80.48	

Mortan a random line
betw. secs. 3 & 10
Var 16° E.

40.00 Set temp. sec. cor.

80.30 Intersect N & S. line 5 lks S of cor.
to secs. 3. 4. 9 & 10 from which Trans
S. 89° 58' E on true line
with same var.

Ascend

23.00 Steep ascend

40.15 Set sandstone 14 x 10 x 1/2 9 in the ground
for 1/4 sec. cor. marked 1/4 on N face &
raised a stone mound along side.

63.00 Gulch drains N. W.

80.30 The cor. to secs. 2. 3. 10 & 11.
Land. High Mountains
Soil 3 rate
Timber scell pines
High Mountains & dense
undergrowth on 80.30 ch's

Subdivisions Tp. 6 N. R

North on a random line
between secs. 2 & 3
Var 16° E.

40.00 Set temp ¼ sec. cor.

80.34 Intersect N. Boundary of Tp. 9
E. of cor. to secs. 2 & 3 set by me from
which I run

S. 0° 4. E on true line
between secs. 2 & 3
Var. 16° E.

38.00 Ridge bears NE & S.W.

40.34 Set limestone 14 x 9 x 6 in 9 in the
ground for ¼ sec. cor. marked ¼ cor.
W face and raised a stone mound
alongside.

69.00 Canyon drains W.

80.34 The cor. to secs. 2. 3. 10 & 11.
Land High Mountains
Soil 3 rate.
Timber. scall cedars.
High Mountains on 80.34

June 23 - 84.

General Description.

The additional land embraced in this township consist mostly of high mountains over adapted for grazing lands; it contains some good timber and several limestone quarries. The applicants F.W. Hoffs claim is situated in the S.E.4 of N.W.4 Sec. 24 and consist of a dwelling house, barn sheds etc. worth about one thousand dollars. The following are the Desert entries: Wm Seager #191 E 2 of S.E.4 Sec 10 also #175 W 2 of S.E.4 sec. 27. – Jasper Leavitt #351 W 2 of S.E.4 sec 22. – Robert Robinson #372 W. of N.E.4 sec. 34

L. B. Stephens #281 W. 2 S.E.4 sec. 34. – W. H. Wilson #539 N.W.4 of S.W.4 sec. 24. – J W. Taylor #829 W.E.4 of S.W.4 sec. 24. – In

the northeast quarter of section 24 is located the "Little Harrie" Lode Mining Claim U. S. Lot 38 Weber Mining District. It was located on surface indications but proved worthless on deeper developments & is now abandoned as a mineral claim. I return all lands herein embraced as agricultural & grazing lands.

A. Jessen
U. S. Dep. Surveyor

[4—LIST OF NAMES.]

A list of the names of the individuals employed by Adolphe Jessen *United States deputy surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of* fractional Salt Lake Meridian. North and South Boundary and Subdivisions of T. 6 N. R. 1 W

of the Salt Lake base and meridian in the Territory of Utah, showing the respective capacities in which they acted.

, *Compassman.*
G. H. Woodvine, *Chainman.*
A Stoe[illegible], *Chainman.*
Charley Boyd, *Chainman.*
W. M. Walsh, *Chainman.*
W. M. Walsh, *Axeman.*
Charley Boyd, *Axeman.*
, *Flagman.*

BOOK-A

We hereb
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field notes a
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instructions
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Subscribed
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[5.—FINAL OATHS OF ASSISTANTS.]

We hereby certify that we assisted Adolphe Jessen United States deputy surveyor, in surveying all those parts or portions of the fractional Salt Lake Meridian North and South Boundary and Subdivisions T 6 N R 1 W

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

..... Compassman.

A Shop, Chainman.

G W Woodvine, Chainman.

W M Walsh, Chainman.

Charley Boyd, Chainman.

W M Walsh, Axeman.

Charley Boyd, Axeman.

....., Flagman.

Subscribed and sworn to before me this 23rd day of June 1884

Adolphe Jessen
U S Dep Surveyor

BOOK-A-

16.—FINAL O

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[6.—FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.]

I, Adolphe Jessen United States deputy surveyor, do solemnly swear that in pursuance of instructions received from Ind Salomon United States surveyor-general for Utah, bearing date of the 2nd day of June, 1884, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States surveyor-general for Utah, the surveying manual and the laws of the United States, surveyed all those parts or portions of fractional Salt Lake Meridian North and South Boundary and Subdivisions of T. 6 S. R. 1 W.

of Salt Lake base and meredian in the Territory of Utah, as are represented in the foregoing field notes as having been surveyed by me and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the United States surveyor-general for Utah, and in the specific man-

ner described in the field notes, and that the foregoing are the **TRUE** *field notes of such survey; and, should any fraud be detected, I will suffer the penalty of perjury, under the provisions of an act of Congress, approved August 8, 1846.*

Adolphe Jessen

United States Deputy Surveyor

Subscribed and sworn to before me this 21st *day of* July *1884*

J Edward Mich

Notary Publ

BOOK-A-20

U. S. SURVEYO

Salt Lake

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Township No.

Executed by

Under

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hereby approve

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, August 6th 1884.

The foregoing field notes of the survey of the additional subdivisions

Township No. 6 S. Range No. 1 W.

Executed by Adolphe Cassell

Under his contract of the 2nd

day of June 1884, in the month of

June 1884, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

Ira Salomon

U. S. Surveyor General for Utah.

BOOK-A

REPORT: 18

Filed

Examined by

Transcribed by

Compared by

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Township No.

Range No.

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BOOK-A-205

REPORT: 1885 246

Filed 188

Examined by .....

Transcribed by J Atkinson

Compared by Salomon J Atkinson

FIELD NOTES

OF THE SURVEY OF THE

North Boundary

OF

Township No. 29 South

Range No. 19 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Buettner

U. S. Deputy Surveyor,

Under his Contract No. 128

Dated August 27th 1884

Survey commenced November 28th 1884

Survey completed November 28th 1884

BOOK-A-205

Township 29 S R. 19 W.

250 249 248

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

NAMES AND DUTIES OF ASSISTANTS.

..... *Compassman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Axeman.*

..... *Axeman.*

..... *Flagman.*

BOOK-A-205

N. Tp. line Tp. 29 S. R. 19 E. S. L. M. 1

Chs. Survey commenced November 28th 1884.
From cor. to Tps. 28 & 29 S. Rs. 19 & 20 E.
W. on a true line along N. boundary sec 1 Tps. 29 S. R. 19 E.
Va. 15° 10' E.
Descend gradually over almost bare sandstone rock.
40.00 Set a sandstone 16 x 15 x 5 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone alongside Pits impracticable.
80.00 Set a sandstone 22 x 14 x 8 ins. 15 ins. in the ground for cor. to secs. 35, 36, 1 & 2, marked with 1 notch on E. and 5 notches on W. edges and raised a mound of stone alongside. Pits impracticable
Land nearly level. No soil.

2 N. Tp. line Tp. 29 S. R. 19 E.

Chs. W. on a true line along N. boundary sec. 2 Va. 15°10' E.

20.00 Enter some scattering sage brush.

40.00 Set a sandstone 14×12×8 ins 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18×18×12 ins. E & W. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

80.00 Set a sandstone 20×14×12 ins 15 ins. in the ground for cor. to secs. 34, 35, 2 & 3, marked with 2 notches on W. edges, dug pits 18×18×12 ins in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside Land sloping 1 1/2°, some sandy soil on last 60.00 chs. 3rd rate.

BOOK-A 205

Chs. W. on a true line
along N. boundary sec. 3
Va. 15° 10' E.

40.00 Set a sandstone 15 x 14 x 6 ins.
10 ins. in the ground for 1/4 sec.
cor., marked 1/4 on N. face,
dug pits 18 x 18 x 12 ins. E. & W.
of stone 5 1/2 ft. dist. and
raised a mound of earth
1 1/2 ft. high 3 1/2 ft. base
alongside.

65.00 On barren rock.

80.00 Set a sandstone 22 x 14 x 9 ins.
15 ins. in the ground for cor.
to secs. 33, 34, 3 & 4, marked
with 3 notches on E. & W. edges
and raised a mound of
stone alongside.
Pits impracticable.
Land nearly level. Soil
4th rate. Some sage brush

4 N. Tp. line Tp. 29 S. R 19 E.

Chs. Note.

16.30 chs. W. of this cor. on edge of precipice sloping at an angle of 56° and about 500 ft. deep and impossible to descend I built a rock monument. (Below is Grand River about 4.55 chs. wide with rapid current heading N. course S. W. and W. Along its left bank is a narrow strip of land.

At 16.00 chs. I offset N. 30.00 chs. from which point a rock on Tp. line on the E. bank of Grand river bears S. 64° 20' W. which gives for distance 62.42 chs.

The point for establishment of 1/4 sec. cor. being unaccessible, I abandon the survey W. of the last mentioned cor.

Mouth of Indian

BOOK-A-205

Chs. Creek 2 miles South.

November 28th 1884.

General Description.

The land along this line is intersected by deep precipices. It is barren, being almost naked rock. I could not discover any traces of coal, salt or other mineral. I consider the same as practically worthless.

Ernst Buettner

U. S. Dep. Surveyor.

BOOK-A

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BOOK-A-205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13th 1885

The foregoing field notes of the survey of the North Boundary

Township No. 29 South *Range No.* 19 East

Executed by Ernst Buettner

Under Contract No. 128 *of the* 27th

day of August 1884, *in the month of*

November 1884, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK

REPORT :.....

Filed.....

Examined by

Transcribed

Compared by

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Township N

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BOOK-A-205

REPORT: 256

Filed 188

Examined by .....

Transcribed by H. Atkinson

Compared by Salomon & Atkinson

FIELD NOTES

OF THE SURVEY OF THE

N. Boundary

OF

Township No. 29 South

Range No. 20 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Buettner

U. S. Deputy Surveyor,

Under his Contract No. 128

Dated August 29th 1884

Survey commenced November 28th 1884

Survey completed November 28th 1884

NAMES AND DUTIES OF ASSISTANTS.

.....	*Compassman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Axeman.*
.....	*Axeman.*
.....	*Flagman.*

BOOK-A-2

N. Tp. line

Chs. Survey

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N. Tp. line Tp. 29 S. R. 20 E. S. L. M. 1

Ths. Survey commenced November 28th 1884.

Note:

It being impossible to extend further W. either 6th Standard Parallel or the Tp. line bet. Tps. 29 & 30 on account of a labyrinth of columns, cliffs etc W. of those lines

Therefore from cor. to Tps. 28 & 29 S. R. 20 & 21 E. I run West on a true line

along N. boundary sec. 1 Tps. 29 S. R. 20 E.

Va. 15° 10' E.

Line runs on level plateau in short sage brush and scattering timber.

11.45 At edge of plateau course N. 10° E. and S. 10° W. Build at this point a rock monument, 6 ft. high and set a permanent flag.

2 N. Tp. line Tp. 29 S. R 20 E.

Chs. Descend into Indian Valley and set instrument in line W. of flag.
At this point I took an observation on the Star Polaris on the evening of November 27th 8 P.
From instrument I ran on an offset line N. 20.00 chs. from which point the flag on top of plateau bears S. 62° 2' E. which gives for distance 37.66 chs.
Return to line and run E. Line runs on level ground covered with sage and grass.
Va. 15° 10' E.

40.00 At 9.11 chs. set a sandstone 16 x 15 x 3 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18 x 18 x 12 ins. E. & W. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside

Chs. A

80.00

BOOK-A-205 260

Chs. At 15.00 chs. ascend.
18.65 " enter nearly level ground covered with heavy rocks.
At 23.00 chs. 6 chs. foot of slope which continues at angle of 36° to foot of precipice about 350 ft. high.
I now return to triangulation point in line, 49.11 chs. W. of cor. to secs. 1 & 2 and continue the line W.
80.00 Set a sandstone 18 x 14 x 3 ins. 12 ins. in the ground for cor. to secs. 35 & 36, 1 & 2, marked with 1 notch on E. and 5 notches on W. edges, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.
Land on upper plateau

4. N. Tp. line Tp. 29 S. R. 20 E.

Chs. Level, soil sandy, 2nd rate
Land over slope mountainous, rocky.
Land on lower plateau level, soil 2nd rate.
Mountainous on 9.60 chs.

W. on a true line along N. boundary sec. 2
Va. 15° 10' E.

24.00 Ravine, course S. W.

40.00 Set a sandstone 18 x 12 x 3 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18 x 18 x 12 ins. E. & W. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base alongside.

80.00 Set a sandstone 25 x 14 x 3 ins. 18 ins. in the ground for cor. to secs. 34, 35, 2 & 3, marked with 2 notches on E. and 4 notches on W. edges, dug pits 18 x 18 x 12 ins. in each

BOOK-A-205

Chs. sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside. Land level, soil 2nd rate, grass and white sage.

W. on a true line along N. boundary sec. 3
Va. 15° 10' E.

40.00 Set a sandstone 15 x 10 x 3 ins. 10 ins. in the ground for ¼ sec. cor. marked ¼ on N. face dug pits 18 x 18 x 12 ins. E. & W. of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

80.00 Set a sandstone 22 x 14 x 3 ins. 16 ins. in the ground for cor. to secs. 33, 34, 3 & 4 marked with 3 notches on E. & W. edges dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high

6 N. Tp. line Tp. 29 S. R. 20 E.

Chs. 4½ ft. base alongside.
Land sloping W. at a grade of 1½°.
Grass and white sage, some sage brush.

W. on a true line along N. boundary sec. 4
Va. 15° 10' E.

40.00 Set a sandstone 16 x 14 x 3 ins. 10 ins. in the ground for ¼ sec. cor. marked ¼ on N. face, dug pits 18 x 18 x 12 ins. E. & W. of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

55.00 Enter short scrubby sage brush.

80.00 Set a sandstone 14 x 14 x 3 ins. 9 ins. in the ground for cor. to secs. 32, 33, 4 & 5 marked with 4 notches on E. and 2 notches on W. edges, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raised a

Salt Lake Meridian 7

Chs. mound of earth 2 ft. high
4½ ft. base alongside.
Sand level, soil sandy,
3rd rate.
Sage brush, some grass and
white sage.

W. on a true line
along N. boundary sec. 5
Va. 15° 10' E.

40.00 Set a sandstone 16 x 12 x 3 ins.
10 ins. in the ground for 1/4 sec.
cor. marked 1/4 on N. face and
raised a mound of stone
alongside.
Pits impracticable.

80.00 Set a sandstone 20 x 15 x 3 ins.
15 ins. in the ground for cor.
to secs. 31, 32, 5 & 6, marked
with 5 notches on E. and
1 notch on W. edges and
raised a mound of stone
alongside.
Pits impracticable.

8 N. Tp. line Tp. 29 S. R. 20 E.

Chs. Soil and vegetation getting scarce.
Land nearly bear rock.

W. on a true line along N. boundary sec. 6
Va. 15° 10' E.

18.00 On bedrock.

40.00 Set a sandstone 16 x 14 x 3 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone alongside.
Pits impracticable.

43.65 On edge of precipice 270 ft. deep, bears N. 10° E, S. 10° W.
Set flag at this point.
Descend. Set instrument on lower flat in line.
Run an offset S. 12.00 chs. from which point the flag bears N. 60° 26' W. which gives for distance 17.62 chs.
Run E. over rocks 16.82 chs.

BOOK-A-205

6 chs. to foot of precipice, which is nearly perpendicular.
From last triangulation point I continue line W.
75.16 Allowance for convergency = 4.84 chs.
Set a sandstone 24 x 20 x 3 ins. 16 ins. in the ground for cor. to Tps. 28 & 29 S. Rs. 19 & 20 E. marked with 6 notches on each edge and raised a mound of stone alongside.
Pits impracticable.
The crown point bears S. 65° 27' W.
Land, except precipice, level.
Soil, unproductive, 4th rate.

November 28th 1884.

BOOK-

10 N. Tp. line Tp. 29 S. R. 20 E. Salt

General-Description.

The land along this line runs over level ground sloping at a grade of 1½° W. toward Grand River. The soil on this lower plateau is sandy, but produces considerable grass and white sage, thus making good pasture. This plateau extends North about 10 miles, where the upper plateau closes on to Grand River Cañon.

Ernst Buettner

U. S. Dep. Surveyor.

20E. Salt Lake Meridian 11

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12 N. Tp. line Tp. 29 S. R. 20 E.

BOOK-

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Township N

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hereby appr

E.

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13th *1885*

The foregoing field notes of the survey of the North Boundary

Township No. 29 South *Range No.* 20 East

Executed by Ernst Buettner

Under Contract No. 128 *of the* 27th

day of August *1884, in the month of* November *1884, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A-205

Township 29 S. R. 20 E.

~~265~~	~~264~~	~~263~~	~~262~~	~~261~~	~~258~~
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

BOOK A 205

REPORT: 272

Filed 188

Examined by .....

Transcribed by Henry R Mathison

Compared by Solomon V Atkinson

FIELD NOTES

OF THE SURVEY OF THE

North Boundary

OF

Township No. 29 South

Range No. 21 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Buettner

U. S. Deputy Surveyor,

Under his Contract No. 128

Dated 27th August 1884

Survey commenced November 27 1884

Survey completed " 27th 1884

BOOK-A-205

Township 29 S R. 21 E

280 279 278 276 275 274

6	5	4	3	2	1	305
7	8	9	10	11	12	304
18	17	16	15	14	13	303
19	20	21	22	23	24	301
30	29	28	27	26	25	300
31	32	33	34	35	36	299

BK-205

NAMES AND DUTIES OF ASSISTANTS.

.....*Compassman.*

.....*Chainman.*

.....*Chainman.*

.....*Chainman.*

.....*Chainman.*

.....*Axeman.*

.....*Axeman.*

.....*Flagman.*

BK-205

North Boundary T29 S. R21 E

Survey commenced November 27th 1864

From Cor to Tps 28 & 29 S. Rs 20 & 21 E.

I run E on a random line

Va 15° 10' E

I establish temporary half mile and mile corners at the end of every 40,00 & 80,00 chs. and find the line to be 5 miles and 77.20 chs long and the falling to be 55 lks South of Cor to Tps 28 & 29 S. Rs 21 & 22 E The correction for the true line will therefore be 2.80 chs W. and 9 1/6 lks N. per mile. The course will be S 89° 56' W.

From Cor to Tps 28 & 29 S Rs 21 & 22 E

I run,

S 89° 56' W on a true line along N boundary Sec 1

Va 15° 10' E

Line runs on level plateau covered with grass & white sage.

40.00 Set a sandstone 14 x 12 x 4 ins 10 ins in the ground for 1/4 Sec Cor Marked 1/4 on

North Boundary T29S. R21E

N face. Aug pits 18 X 18 X 12 ins E & W of stone 5½ ft dist. and raised a mound of earth 1½ ft high 3½ ft base alongside.

80.00 Set a Pinon post 4 ft long 4 ins sq with Marked stone. 12 ins in the ground for Cor to Secs 35, 36, 1 & 2. Marked.

T 28S. S 36 on N.E.
R 21E. S 1 on S.E.
S. 2. on S.W. and
S 35 on N.W. faces, with 1 notch on E and 5 notches on W edges.
Aug pits 18 X 18 X 12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base around north
Land level, soil 2nd rate sandy grass and white sage.

S 89° 56' W on a true line along N boundary Sec 2
Va 15° 10' E

15.00 Enter short sage brush and scattering timber.

North Boundary T29S. R21E

22.00 Enter Timber.

40.00 Set a Sandstone 15 X 12 X 8 ins 10 ins in the ground for 1/4 Sec Cor marked 1/4 on N face. and raised a mound of Stone alongside. from which
A Cedar 14 ins diam bears N 48½° W 65 lks dist
A Piñon 9 ins diam bears S 7° E 16 lks. dist.
both trees marked 1/4 S.B.T.

63.00 Leave Timber, enter dense high sagebrush.

80.00 Set a Sandstone 16 X 9 X 7 ins 11 ins in the ground for Cor to Secs 34. 35. 2 & 3.
Marked with 2 notches on E & 4 notches on W edges. dug pits 18 X 18 X 12 ins in each Sec. 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside
Land nearly level. Soil 2nd rate. sandy
Heavy Timber on 41.00 Chs. Short sagebrush and
Scattering Timber on 7.00 Chs
Dense undergrowth on 17.00 chs.
Augmented on 58 chains

S 89° 56' W on a true line
Along N boundary Sec 3
Va 15° 10' E

10.50 Enter Timber.

North Boundary T29 S. R21 E

21.00 Leave Timber, enter grass & white sage.

40.00 Set a Pinion Post 3 ft long 3 ins Square with marked stone 12 ins in the ground for 1/4 Sec Cor. marked 1/4 S on N face. Dug pits 18 X 18 X 12 ins E & W of post 5 1/2 ft dist, and raised a mound of earth 1 1/2 ft high 3 1/2 ft base around post.

80.00 Set a Cedar post 4 ft long 4 ins Square with marke Stone 12 ins in the ground for Cor to Secs 33, 34, 3 & 4. Marked T. 28 S. S 34 on N.E.
R 21 E. S. 3 on S.E.
S. 4 on S W and
S. 33 on N W faces with 3 notches on E & W edges. Dug pits 18 X 18 X 12 ins in each Sec 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base around post.
Land level. Soil 2nd rate sandy
Heavy Timber on 10.50 Chs.

North Boundary T29S. R21E

S 89°56' W on a true line
Along N boundary Sec 4.
Va 15°10' E

24.00 Enter short sagebrush, and some scattering Timber.

40.00 Set a Sand stone 18 X 10 X 9 ins 12 ins in the ground for ¼ Sec Cor Marked ¼ on N face. and dug pits 18 X 18 X 12 ins E & W of port 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side. from which
A Cedar 9 ins diam bears S 14½° E 82 lks dist
Marked ¼ S. B. T.

80.00 Set a Cedar port. 4 ft long 4 ins square with Marked Stone 12 ins in the ground for Cor to Secs 32, 33. 4 & 5
Marked T. 28 S. S 33 on N. E.
R. 21 E. S 4 on S. E.
S. 5. on S W and
S. 32. on N. W. faces, with 4 notches on E and 2 notches on W edges. dug pits 18 X 18 X 12 ins in each Sec 5½ ft dist, and raised a mound of earth 2 ft high 4½ ft base around port.
Land level. Soil 2nd rate Sandy

North Boundary T29S. R21E

Grass & white sage.
Some short sage brush and scattering
Timber.

N 89°56' W on a true line
Along N boundary Sec 5
Va 15° 10' E
Enter grass & white sage.

40.00 Set a Cedar post 3 ft long 3 ins square
with marked stone. 12 ins in the
ground for ¼ Sec Cor. Marked ¼ South
face. Dug pits 18 X 18 X 12 ins E & W of
Post 5½ ft dist. and raised a
mound of earth 1½ ft high 3½ ft base
around post.

80.00 Set a Sandstone 16 X 15 X 3 ins 10 ins in
the ground for Cor to Secs 31, 32, 5 & 6.
Marked with 1 notch on W and 5 notch
on E edges. Dug pits 18 X 18 X 12 ins
in each Sec 5½ ft dist. and
raised a mound of earth 2 ft high
4½ ft base alongside.
Land level, Soil 2nd rate
Sandy.

North Boundary T29 S. R21 E.

N 89° 56' W on a true line along N boundary Sec 6.

Va 15° 10' E

110.00 Set a Cedar post 3 ft long. 3 ins square with marked stone 12 ins in the ground for ¼ Sec Cor. Marked ¼ S on N face. Any pits 18 X 18 X 12 ins E & W of post. 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base around post.

77.20 The Cor to Tps 28 & 29 S Rs 20 & 21 E. Land level. Soil 2nd rate, sandy. The Brownpoint bears S 71° 31' W.

November 27th 1884

General Description

Tp 29 S. R 21 E. is partly in Indian valley. partly on top of plateau 1000 ft above valley. Nearly the whole surface is well covered with white sage & grass and makes excellent pasture. The plateau slopes E at a grade of 1½°.

Ernst Buettner

U.S. Dep. Surveyor.

BOOK

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BOOK-A-205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13 1885

The foregoing field notes of the survey of the North Boundary

Township No. 29 South *Range No.* 21 East

Executed by Ernst Buettner

Under Contract No. 128 *of the* 29th

day of August 1884, *in the month of* November 1884, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Ind Salomon

U. S. Surveyor General for Utah.

BK-205

BK-205

REPORT :

Filed

Examined by

Transcribed by

Compared by

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Township No.

Range No. 2

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Dated 27

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BK-205

REPORT: 284

Filed 188

Examined by .....

Transcribed by Henry R. M. Atkinson

Compared by Solomon V. Atkinson

FIELD NOTES

OF THE SURVEY OF THE

West Boundary

OF

Township No. 29 South

Range No. 21 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Buettner

U. S. Deputy Surveyor,

Under his Contract No. 131

Dated 27th " August 1884

Survey commenced 26th November 1884

Survey completed 29th " 1884

NAMES AND DUTIES OF ASSISTANTS.

..... *Compassman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Axeman.*

..... *Axeman.*

..... *Flagman.*

West Bou

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5.00 Enter
10.00 Desce
15.00 ~~[illegible]~~
Gulch
Ascen
19.00 ~~[illegible]~~
19.30 A fands
21.40 Top of
23.15 A fands
Moc
24.50 Ravi
28.40 A fan
31.00 Ravine
32.40 Sandsto
33.35 Top of
35.00 A round
37.50 Ravine
40.00 fer a
Grand

West Boundary T29 S. R21 E. S.L.M.

Survey commenced November 26th 1884
From the Cor to Sps 29 & 30. S. R20 & 21 E
Iron

N. on a true line
along W boundary Sec 31.
Va 15°10' E

5.00 Enter Sandstone Knolls
10.00 Descend.
15.00 ~~[illegible]~~.
Gulch. Course W.
Ascend.
19.00 ~~[illegible]~~ level.
19.30 A Sandstone Knoll, 25 lks E. 35 ft high.
21.40 Top of Sandstone Knoll 22 ft high.
23.15 A Sandstone Knoll 50 ft high with
Moca house 40 lks W.
24.50 Ravine, Course W.
28.90 A Sandstone Knoll, 25 ft high.
31.00 Ravine. Course W.
32.40 Sandstone Knoll 40 ft high 30 lks. E.
33.35 Top of round Sandstone Knoll. 24 ft high.
35.00 A round Sandstone Knoll 30 ft high 40 lks W
37.50 Ravine. Course. W.
40.00 Set a Sandstone 16 x 14 x 8 ins 10 ins in the
Ground for ¼ Sec Cor. Marked ¼ on W face

West Boundary T29S

and raised a mound of stone along sec
Pits impracticable.
42.00 Descend.
51.00 ~~[illegible]~~.
Enter bottom of broad hollow, Course S25°W.
58.50 Ascend.
60.00 ~~[illegible]~~.
Enter broken, rocky ground.
~~[illegible]~~.
65.00 Ravine. Course S.E.
76.00 Ravine Course S20°E
80.00 Set a sandstone 20 x 15 x 12 ins 15 ins in the ground for Cor to Secs 25.30.31 & 36. Marked with 1 notch on S and 5 notch on N edges. And raised a mound of stone alongside.
Pits impracticable.
Land broken, rocky mountainous, soil 4th rate on 60.00 Chs
Rest broken rocky, soil 4th rate
Mountainous on 80.00 chs

N on a true line
along W boundary Sec 30
Va 15°10' E

West Boundary 1295.

Enter some scattering timber.
Ascend.
63.70 Enter level plateau covered with grass & white sage.
8.00 Set a limestone 18 X 15 X 12 ins 12 ins in the ground for Cor to Secs 24 & 19. 30 & 25
Marked with 2 notches on S and 4 notches on N edges. Dig pits 18 X 18 X 12 ins in each Sec 5½ ft dist. and square a mound of earth 2 ft high 4½ ft base along side.
Land 1st 8.00 chs broken rocky soil 1st rate.
Next 27.18 chs level sandy soil 2nd rate.
Next 17.54 chs mountainous rocky soil 1st rate.
Rest nearly level plateau soil 2nd rate
Mountainous on 17.54 chs

N on a true line
along W boundary Sec 19
Va 15° 10' E
40.00 Set a cedar post 3 ft long 3 ins square with marked stone 12 ins in the ground for ¼ Sec Cor marked 40 on W face.

West Boundary T29 S.

Enter some scattering timber.
Ascend.
63.70 Enter level plateau covered with grass & white sage.
8.00 Set a sandstone 18 X 15 X 12 ins 12 ins in the ground for Cor to Secs 24 19. 30 & 25
Marked with 2 notches on S and 4 notches on N edges. Dig pits 18 X 18 X 12 ins in each Sec 5½ ft distant and erect a mound of earth 2 ft high 4½ ft base along side.
Land 1st 8 chs broken rocky soil 1st rate.
Next 27.18 chs level Sandy soil 2nd rate.
Next 17.54 chs Mountainous rocky soil 1st rate.
Rest nearly level plateau soil 2nd rate
Mountainous on 17.54 chs

A true line
along W boundary Sec 19
Va 15° 10' E
40.00 Set a Cedar post 3 ft long 3 ins square with marked stone 12 ins in the ground for 4 Sec Cor marked 4 on N face.

R 21 E. S L M

dug pits 18 X 18 X 12 ins N & S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base around post.

44.00 Enter dense high sagebrush,

84.00 Set a sandstone 15 X 14 X 3 ins 10 ins in the ground for Cor to Secs 13. 18. 19 & 24 marked with 3 notches on N & S edges dug pits 18 X 18 X 12 ins in each sec. 5½ ft dist, and raised a mound of earth 2 ft high 4½ ft base alongside.

Land level, soil fair dry 2nd rate,

Dense underground on last 36.00 Chs.

N on a true line along W boundary Sec 18.

Va 15° 10' E

5.00 Leave dense sage brush.

40.00 Set a sandstone 16 X 12 X 3 ins. 11 ins in the ground for ¼ Sec Cor marked ¼ on W face, dug pits 18 X 18 X 12 ins N & S of stone 5½ ft dist, and raised a mound of earth 1½ ft high 3½ ft base

West Boundary T29S

along side.

80.00 Set a sandstone 22 x 14 x 3 ins 16 ins in the ground for Cor to Secs 12, 7, 18 x 13 Marked with 4 notches on S and 2 notches on W edges. Dug pits 18 x 18 x 12 ins in each Sec 5½ ft distant and raised a mound of earth 2 ft high 4½ ft base alongside.
Land level, soil 2nd rate, sandy
Dense undergrowth on first 5.00 ch

N on a true line
along W boundary Sec 7.
Var 15° 10' E

15.00 Head of ravine, course S.E.
20.00 Enter dense high undergrowth and some scattering timber.
40.00 Set a sandstone 14 x 10 x 9 ins. 40 ins in the ground for ¼ Sec Cor. marked ¼ on all faces. Dug pits 18 x 18 x 12 ins distant of stone and raised a mound of earth 1½ ft high 3½ ft base alongside.
A line tree 10 ins diam bears N. 15° W. 112 lks
Marked ¼ S. B.T.

R21E. S L M

80.00 Set a Cedar post 4 ft long 4 ins. square
with marked stone 12 ins in the ground
for Cor to Secs 1. 6. 7 & 12. marked
T. 29 S. S 6. on N. E.
R21E S 7 on S. E.
S 12 on S. W. and
S 1 on N. W. faces. with 5 notches on
S. and 1 notch on N. edges. Dug pits
18 X 18 X 12 ins in each Sec 5½ ft dist
and raised a mound of earth 2 ft high
4½ ft base alongside.
½ mile E a higher plateau.
Land level. Soil sandy 2nd rate
Dense undergrowth and some scattering
Timber on 60.00 Chs.

N on a true line
Along W boundary Sec 6.
Va 15° 10' E

8.00 Enter grass, leave dense undergrowth
40.00 Set a Cedar post. 3 ft long. 3 ins square
with marked stone 12 ins in the ground
for ¼ Sec Cor. marked ¼ S on W face.
Dug pits 18 X 18 X 12 ins N. & S. of post

West Boundary T. 29 S., R. 21 E.

5½ ft dist. and raised a mound of earth 1½ ft high 3½ ft base around post.

8:00 Set a Cedar post 5 ft long 6x6 ins square with marked stone 18 ins in the ground for Cor to Sps 28 & 29 S. Rs 20 & 21 E. Marked T. 28 S. S. 31. on N.E.
R. 21. E. S. 6. on S.E.
T. 29 S. S. 1. on S.W. &
R. 20 E. S. 36 on N.W. faces.
with 6 notches on each edge, dug pits 24 x 18 x 12 ins length wise on each line. N. S. E. & W. of post. 6 ft dist and raised a mound of earth 2½ ft high, 5 ft base around post.

Land Level. Soil Sandy 2nd rate.
Dense undergrowth and a few trees on S. or E. lis. November 26th 188

General Description.

The Southern part of line falls into Indian Valley. The Northern part on plateau about 1000 ft above valley. The land through which the line runs, is richly covered with grass and white sage, and is an excellent pasture.

Ernst Buettner
U. S. Dep. Surveyor

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13th 1885

The foregoing field notes of the survey of the West Boundary

Township No. 29 South *Range No.* 21 East

Executed by Ernst Buettner

Under Contract No. 131 *of the* 29th

day of August 1884, *in the month of*

November 1884, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Frd Salomon

U. S. Surveyor General for Utah.

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REPORT: 1

Filed

Examined by

Transcribed by

Compared by

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Township No.

Range No. 21

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REPORT: 1885 296

Filed 188

Examined by .....

Transcribed by E. Nicholas

Compared by Solomon & Atkinson

FIELD NOTES

OF THE SURVEY OF THE

East Boundary

OF

Township No. 29 South

Range No. 21 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Buettner

U. S. Deputy Surveyor,

Under his Contract No. 128

Dated August 29 *188*4

Survey commenced Nov 21st *188*4

Survey completed " 21st *188*4

NAMES AND DUTIES OF ASSISTANTS.

.....*Compassman.*

.....*Chainman.*

.....*Chainman.*

.....*Chainman.*

.....*Chainman.*

.....*Axeman.*

.....*Axeman.*

.....*Flagman.*

West Boundary. Tp. 29. S. R. 22 E.

Survey commenced Novber. 21 1884.

From cor. to Tp. 29, 30 S. R. 21, 22 E. Run.
North on true line
betn secs. 31, 36.
Va. 15° 5' E
Ascend, over heavy rocks.
9.32 Foot of precipice about 400 ft high.
On top of same cause flag to be set at the edge in line.
Return to Tp. cor. and run S. 15. chs.
Thence on offset E. 15.00 chs from which point the flag bears N. 31° 40' W., which gives for distance 24.32 chs and from Tp. cor. to flag 9.32 chs.
Ascend. Enter timber
31.70 Thence level
40.00 Set sandstone 16 x 12 x 4 ins 10 ins in ground for 1/4 sec. cor. marked 1/4 on W. face

West Boundary T. 29 S. R.

and raised a mound of stone alongside. Pits impracticable, from which a cedar 9" dia. brs S. 16° W. 43 lks dist. a piñon 8" " " N. 59° E. 88 lks dist. Both trees marked 1/4 S. B. T. 10. chs. E. of cor. a deep cañon course S.

West of corner an open plateau.

80.00 Set sandstone 18x10x4 ins, 12 ins in ground for cor. to secs. 25. 30. 31 & 36, marked 1 notch on S. and 4 notches on N. edges and raised a mound of stone alongside from which a cedar 9" dia. brs. S. 22° W. 84 lks dist. marked T. 29 S. R. 21 E. S. 36. B. T. a cedar 10" dia. brs. N. 67 1/2° W. 93 lks dist. marked T. 29 S. R. 21 E. S. 25 B. T. a piñon 8" dia. brs N. 43° E. 108 lks dist. marked T. 29 S. R. 22 E. S. 30. B. T.

Land first 9.32 chs. mountainous, rocky soil 4th rate.

Rest nearly level plateau

22 Ca

Soil
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31.20 Hea
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34.70 Foot
24 ft
40.00 Set s
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Both
56.50 Then
Enter
80.00 Set s

22 East, Salt Lake Meridian

Soil, rocky 3d rate.
Heavy timber, cedars & piñons
on 70. 68 chs.

North on true line between
secs. 25 & 30.
Va. 15° 5' E.

Descend

31.20 Head of cañon course S.E. 10.00 chs.
thence S.

Ascend

34.70 Foot of perpendicular precipice
24 ft high. Ascend.

40.00 Set sandstone 15x12x3 ins 10 ins in
ground for 1/4 sec. cor., marked 1/4.
on W. face, and raised a mound
of stone alongside, from which
a piñon 14" dia. brs S. 17° E. 39 lks dist.
a piñon 12" " " S. 89° W. 12 lks dist.
Both trees marked 1/4 S.B.T.

56.50 Thence level. Leave timber
Enter dense high sage brush

80.00 Set sandstone 18x10x9 ins 12 ins in

West Boundary T. 29. S. R. 22

in ground for cor. to secs. 24. 19. 25 & 30., marked with 2 notches on S. & 4 on N. edges, dug pits 18x18 x12 ins in each sec. 5½ ft dist. and raised a mound of earth 2 ft high 4½ ft base alongside.

Land first 34.70 chs. mountainous rocky

Soil 4th rate.

Last 32.18 chs. level.

Soil, sandy 2d rate.

Rest soil 3d rate.

Heavy timber, piñons on 56.70 chs.

Dense undergrowth on 23.30 chs.

Augmented on 80.00 chs.

North on true line betw. secs 19 & 24.

Va. 15° 5' E.

12.00 Leave dense undergrowth.

Enter white sage & grass.

40.00 Set cedar post 3 ft long 3 ins square with marked stone 12 ins in ground for ¼ sec. cor., marked

Salt Lake Meridian.

1/4 S. on W. face, dug pits 18x18x12" N. & S. of post 5 1/2 ft dist, and raised a mound of earth 1 1/2 ft high 3 1/2 ft base around post.

65.00. Head of hollow course S.E. 10 chs thence southerly.

80.00. Set a piñon post 4 ft long 4 ins square with marked stone 12 ins in ground for cor. to secs 13. 18. 24 & 19., marked
T. 29 S. S. 18 on N.E.
R. 22 E. S. 19 on S.E.
S. 24. on on S.W. and
S. 13 on N.W. faces with 3 notches on N. & S. edges, dug pits 18x18x12 ins in each sec. 5 1/2 ft dist, and raised a mound of earth 2 ft high 4 1/2 ft base around post.
Land, level.
Soil, sandy 2d rate.
Dense undergrowth on 1st.

12.00 chs.

West. B'dy T. 29. S. R. 22 E.

North on a true line between secs. 13 & 18
Va. 15° 5' E.

10.00 Ascend
Enter short sagebrush & scattering timber

17.00. Thence level. Enter upper bench with sage & grass.

40.00 Set sandstone 12×10×6 ins 8 ins in ground for 1/4 sec. cor., marked 1/4 on W. face, dug pits 18×18×12 ins N. & S. of stone 5 1/2 ft dist. and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside

80.00 Set a cedar post 4 ft long 4 ins square with marked stone 12 ins in ground for cor. to secs. 12. 7. 13 & 18, marked
T. 29 S. S. 7 on N E
R. 22 E. S. 18 on S E.
S. 13 on S W and
S. 12 on N. W. faces, with 4 notches on S. and 2 on on N. edges, dug pits 18×18×12 ins

Salt Lake Meridian.

in each sec. 5½ ft diat, and raised a mound of earth 2 ft high 4½ ft base around post.

Land, nearly level.

Soil, sandy 2d rate.

Some scattering cedars & timber.

N. on true line betw sec. 7 & 12

Va. 15° 5' E.

14.00 Ascend. Enter timber.

20.50 Enter upper plateau, white sage and grass.

Leave timber.

40.00 Set cedar post 3 ft long 3 ins square with marked stone 12 ins in ground for ¼ sec. cor. marked ¼ S. on W. face, dug pits 18 x 18 x 12 ins N. & S. of post 5½ ft diat and raised a mound of earth 1½ ft high 3½ ft around post.

80.00 Set cedar post 4 ft long 4 ins

West Bdy T. 29. S. R. 22 E.

square with marked stone
12 ins in ground for cor to secs
1. 6. 7 & 12, marked
T. 29. S. T. 6. on N. E.
R. 22. E. S. 7 on S. E.
S. 12 on S. W. and
S. 1. on N. W. faces with 5 notches
on S. & 1 on N. edges, dug pits
in each sec. 18x18x12 ins
5½ ft dist, and raised a
mound of earth 2 ft high
4½ ft base around post.
Land, nearly level.
Soil, sandy 2d rate.
Heavy timber cedar on 6. 50 lks.

N. on true line betw. secs. 1 & 6.
Va. 15° 5' E.

40.00 Set sandstone 11x10x9 ins, 8 ins in
ground for ¼ sec. cor., marked ¼
on W. face, dug pits 18x18x12 ins
N. & S. of stone 5½ ft dist, and raised
a mound of earth 1½ ft high 3½ ft

Salt Lake Meridian.

base alongside
80.00 Set piñon post 4½ ft long 4 ins
square with marked stone 12 ins
in ground for cor. to Tps. 28 & 29 S.
Rs 21 & 22 E., marked
T. 28 S. R. 31 on N.
R. 22 E. S. 6. on S.E.
T. 29 S. S. 1 on S.W. and
R. 21 E. S. 36 on N.W. faces
with 6 notches on each edge
dug pits 24 x 18 x 12 ins length-
wise on each line N. S. E. &
W. of post 6 ft dist and
raised a mound of earth
2½ ft high 5 ft base around
post.
Land, level.
Soil, sandy 2d rate.
Covered with grass and
white sag.
November 21st 1884.

West Bdy T. 29 S. R. 22 E.

General Description

The line runs mostly on plateau
The first 2 miles are running along W. side of cañon, and the land there is in consequence mountainous and rocky.
The plateau is nearly level with good soil, producing fine grass & white sage, thus making a very good timber pasture

Ernst Buettner
U. S. Dep. Surveyor.

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Township No.

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13th 1885

The foregoing field notes of the survey of the

East Boundary

Township No. 29 S *Range No.* 21 E

Executed by Ernest Buttner

Under Contract No. 128 *of the* 27th

day of August 1884, *in the month of*

November 1884, *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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BOOK

REPORT:

Filed

Examined by

Transcribed by

Compared by

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Township No.

Range No. 2

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BOOK-A-205

REPORT: 1885 310

Filed 188

Examined by

Transcribed by E. Michaelis

Compared by Salomon & Atkinson

FIELD NOTES

OF THE SURVEY OF THE

~~West~~ and North

Boundaries

OF

Township No. 29 South

Range No. 22 East.

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Buettner

U. S. Deputy Surveyor,

Under his Contract No. 128

Dated August 27th 1884

Survey commenced November 22nd 1884

Survey completed November 22nd 1884

BOOK-A-205

Township 29 S R. 22 E.

320	319	318	316	314	313
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

NAMES AND DUTIES OF ASSISTANTS.

.....	*Compassman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Axeman.*
.....	*Axeman.*
.....	*Flagman.*

BOOK-A-2

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mile

will

North Bdy Tp. 29 S. R. 22 E.
Gila & Salt River Meridian

Survey commenced
November 22d. 1884.
From cor. to Tps. 28 & 29 S.
Rs. 21 & 22 E. I run East on
a random line betw. said
Tps.
Va. 15° 5' E.
I set temporary half mile
and mile corners at the
end of every 40 & 80.00 chs
and find the township
line to be 5 miles
78 chs and 59 lks long
and the falling to be
70 lks North of cor. to
Tps. 28 & 29 S. Rs 22 & 23 E.
The correction therefor
will be 11 2/3 lks. South.
and 1 ch. 41 lks. W. per
mile and the course
will be S. 89° 55' W.

North Bdy Tp. 29 S. R. 22 E

S. 89° 55' W. on a true line
along N. bdy sec. 1.
Va. 15° 5' E.
Enter short sagebrush.
40.00 Set a sandstone 18x16x3 ins
12 ins in ground for 1/4 sec. cor
marked 1/4 on N. face, dug
pits 18x18x12 ins E. & W. of stone
5 1/2 ft dist. and raised a
mound of earth 1 1/2 ft high 3 1/2
base alongside.
45.00 Enter grass & white sage.
62.00 Ravine SW.
80.00 Set a sandstone 22x15x3 ins
16 ins in ground for cor. to secs.
35. 36. 1 & 2., marked with
1 notch on E. & 5 notches on
W. edges., dug pits 18x18x12 ins
in each sec. 5 1/2 ft dist.
and raised a mound of
earth 2 ft high 4 1/2 ft base
alongside.
Land, level.
Soil, sandy 2d rate, covered

Salt Lake Meridian.

with short sage brush, white sage and grass.

S. 89° 55' W. on a true line along N. Bdy sec. 2. Va. 13° 5' E.

8.00 Descend.
22.00 Enter dead timber
34.00 Enter live timber
40.00 Set sandstone 16x8x8 ins 10 ins in ground for 1/4 sec. cor. marked 1/4 on N. face, and raised a mound of stone alongside, from which
a piñon 14 ins dia. brs. S. 67 1/2° E. 44 lks dist
a piñon 12 ins dia. brs. N. 82 1/4° W. 94 lks dist.
Both trees marked 1/4 S. B. T.
45.00 On edge of Hudson wash cañon course N. about 800 ft deep, creek in bottom, leave live timber, cause a flag to be set on W. bank in line.

North Bdy T. 29. S. R. 22 E.

Run offset N. 5' W. 23.00 chs, from which point the flag bears S. 62° 16' W., which gives for distance from point 45.50 chs to flag 43.90 chs cross cañon to flag.
From flag descend N. 89° 55' E. in timber.

80.00 9.40 near precipice, set a sandstone 20 x 14 x 10 ins 15 ins in the ground for c to secs. 34. 35. 2 & 3., marked with 2 notches on E & 4 on W. edges, and raised a mound of stone alongside. Pits impracticable, from w a cedar 10 ins dia. brs. S. 43½° W. 28 lks dist., marked T. 29 S. R. 22 E. S. 3. B. T.
a cedar 8 ins dia. brs S. 52° E 20 lks dist, marked T. 29 S. R. 22 E. S. 2 B. T.
a piñon 7 ins dia. brs N. 14½° W. 53 lks dist, marked T. 28 S.

BOOK-A-

Sacs

R. 22
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S. 89° 55
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9.40. On
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16.90 Des
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39.00 Enter
40.00 Set a
10 ins
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Tacs Lake Meridian

R. 22 E. S. 35 B. T.
Land, 1st 45. chs. nearly level.
plateau.
Soil, sandy 2d rate.
Rest cañon.
Heavy timber live piñons
on 11. 50 chs..
dead on 12. 00 chs.
Augmented on 23. 50 chs.

S. 89° 55' W. on a true line along
N. b'dy sec. 3.
Va. 15° 5' E
9.40. On island a remainder of
level plateau in timber.
16.90 Descend Leave island.
28.00 Bottom of hollow, appears
to have formerly been the bed
of "Hudson Wash"
Ascend.
39.00 Enter level plateau
40.00 Set a sandstone 16x10x3 ins
10 ins in ground for 1/4 sec. cor.
marked 1/4 on N. face, and raised
a mound of stone alongside, from which

North Bdy T. 29 S. R. 22 E.

a piñon 8" dia. bra. N. 44½° W. 106 lks dist.
a cedar 15" " S. 26° E. 38 lks dist.
Both trees marked ¼ S. B. T.

47.00. Leave timber. Enter dense high sagebrush.

69.00. Leave dense high sagebrush, enter grass and white sage.

80.00. Set a sandstone 16x9x8 ins, 10 ins in the ground for cor. to secs 33. 34. 3 & 4. marked with 3 notches on E & W. 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, mountainous
Soil rocky 4th rate
on 31.00 chs.
Rest level plateau.
Soil sandy 2d rate
Heavy timber cedars and piñon
on 47.00 chs.
Dense undergrowth on 22.00 chs
Augmented on 69 chs

S 89° 55' W on a true line
along N boundary Sec 4.
Var 15° 05' E

23.00 Ascend,
Enter Timber,
30.80 Thence level, Enter upper plateau.
33.00 Leave Timber Enter grass & white sage.
40.00 Set a sandstone 16 x 8 x 4 ins 10 ins in the
ground for 4 Sec Cor, Marked ¼ on N. face
Dug pits 18 x 18 x 12 ins E & W of Stone.
5½ ft dist. and raised a mound of
earth alongside, 1½ ft high 3½ ft base.
80.00 Set a Cedar post 4 ft long 4 ins square
with marked Stone 12 ins in the
ground for Cor to Secs 32, 33, 4 & 5. Marked
T 28 S. S 33. on N. E.
R 22 E. S 4. on S. E.
S 5. on S. W. and
S 32 on N. W. faces, with 4 notches on E.
and 2 notches on W edges. Dug pits
18 x 18 x 12 ins in each Sec. 5½ ft dist
and raised a mound of earth 2 ft high
4½ ft base alongside.
Land 1st 23 chs & last 49.00 chs level
Soil sandy 2nd rate, Rest rolling, Soil rocky, 3rd rate
Heavy timber, cedars on 10.00 chs.

S 89° 55' W on a true line
along N boundary Sec 5
Va 15° 5' E

140.00 Set a Pinion Post 3 ft long 3 ins square
with Marked Stone 12 ins in the ground
for 4 Sec Cor, Marked 4 S. on N face
dug pits 18 x 18 x 12 ins E & W of ~~post~~
5½ ft dist, and raised a mound of
earth 1½ ft high 3½ ft base around post

80.00 Set a Cedar post 4 ft long 4 ins square
with Marked Stone, 12 ins in the ground
for Cor to Secs 31, 32, 5 & 6. Marked
T 28 S, S 32 on N.E.
R 22 E, S 5 on S.E.
S 6, on S.W. and
S. 31 on N.W. faces, with 5 notches on
E and 1 notch on W edges. dug pits
18 x 18 x 12 ins in each sec. 5½ ft dist
and raised a mound of earth 2 ft high
4½ ft base around post.
Land level, soil sandy rate, covered
with white sage & grass and
some short sage brush.

Chains 3½ ft. base alongside.

55.00 Ascend.

Enter dense high sagebrush.

61.95 Thence level.

62.30 Trail course E.

64.00 Hollow course E.

A red sandstone cliff 250 ft. high bears W. 18 chs.

65.00 Ascend.

73.00 Thence level.

Leave dense undergrowth. Enter grass & white sage flat.

80.00 Set a sandstone 20×14×3 ins. 15 ins in the ground for cor. to secs. 25, 30, 31 & 36 marked with a notch on S. & 5 notches on N. edges, dug pits 18×12 ins in each sec. 5½ ft. dist. & raised a mound of earth 2 ft. high 3½ ft base alongside

Land rolling, soil sandy, 2nd rate.

Heavy timber cedars on 25.90 chs.

Dense undergrowth on 25.50 chs.

Augmented on 57.40 chs.

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40.00 Set a

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43.00 Enter

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80.00 Set

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18×18

5½ f

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S. 89°55' W. on a true line
along N boundary Sec 6.
Va 15°5' E

40.00 Set a Cedar post 3 ft long 3 ins square
with marked stone 12 ins in the ground
for 4 Sec Cor, marked 4 S on N face
dug pits 18 x 18 x 12 ins E & W of stone
5½ ft dist, and raised a mound of
earth 1½ ft high 3½ ft base around post.
78.59 The Cor to Tps 28 & 29 S. Rs 21 & 22 E
Land level, soil sandy 2nd rate covered
with grass & [illegible] sage, and
some short sage brush.

November 22d 1884.

General Description.

The N. Eastern part of this Tp. is intersected
by a deep inaccessible cañon. The same continues
N. Westerly, about 15 miles, and empties into
Spring Cañon, about 5 miles above the
junction of the latter with Grand river.
The remainder of the Township is slightly rolling,
sloping at a grade of 1½° Easterly and furnishes
fine pasture for cattle.

Ernst Bruettner
U. S. Dep. Survey.

BOOK-

U. S. SURVE

Salt La

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Township No.

Executed by

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BOOK A 205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13th, 1885.

The foregoing field notes of the survey of the ~~West~~ & North B'dies

Township No. 29 South *Range No.* 22 East

Executed by Ernst Buttner

Under Contract No. 128 *of the* 27th

day of August 1884, *in the month of* November 1884, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A-

REPORT:

Filed

Examined by

Transcribed by

Compared by

F

OF TH

Township No.

Range No.

SALT

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Dated

Survey comm

Survey compl

BOOK-A-205 324

REPORT: 1885

Filed 188

Examined by J. H. Campe

Transcribed by H. Atkinson

Compared by S. E. S. & H. A.

FIELD NOTES

OF THE SURVEY OF THE

West Boundary

OF

Township No. 29 South

Range No. 23 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Buttner

U. S. Deputy Surveyor,

Under his Contract No. 128

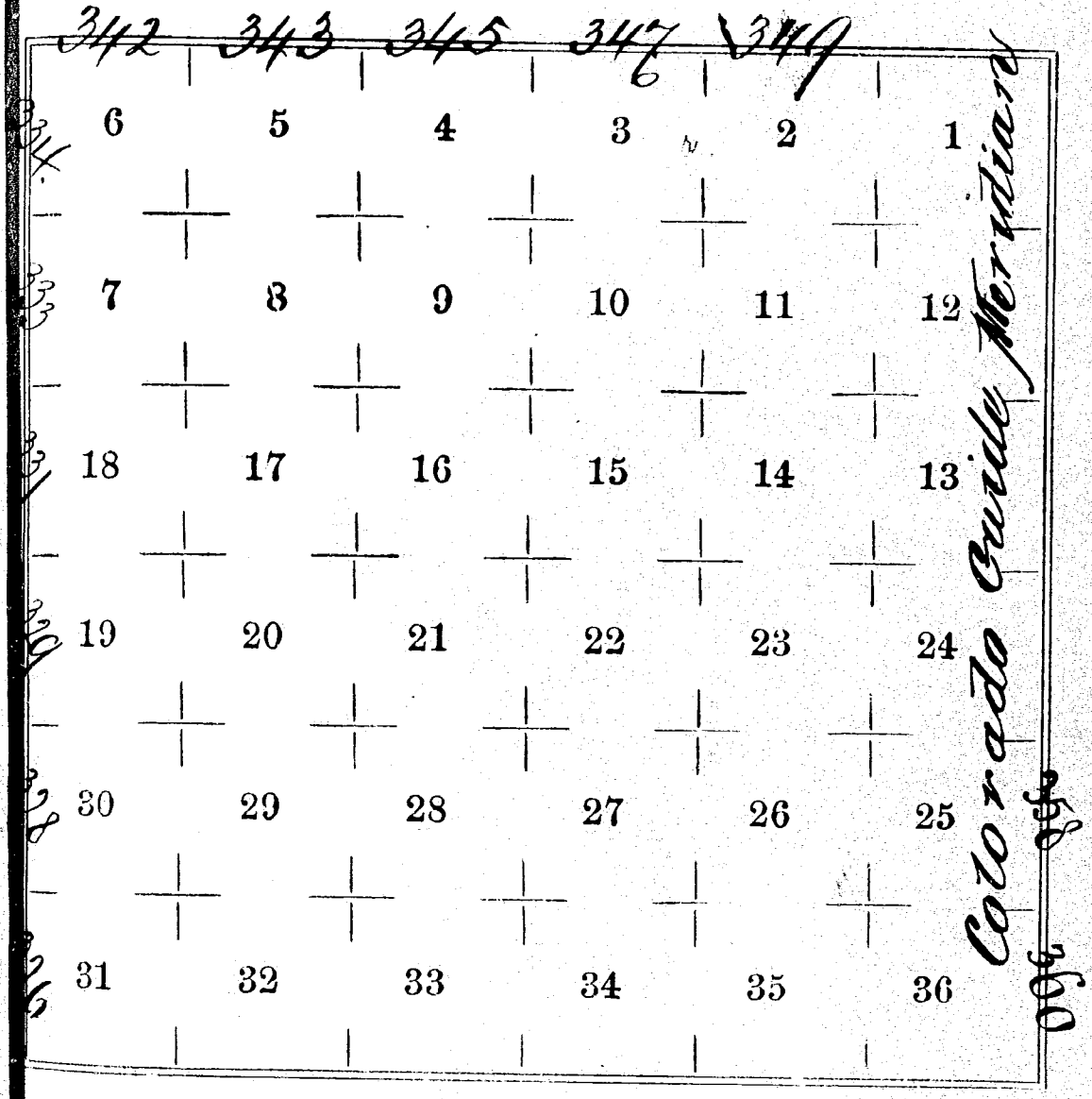
Dated August 27th 1884

Survey commenced November 18th 1884

Survey completed November 18th 1884

BOOK A-205

Township 29 S R. 23 E



NAMES AND DUTIES OF ASSISTANTS.

.....*Compassman.*

.....*Chainman.*

.....*Chainman.*

.....*Chainman.*

.....*Chainman.*

.....*Axeman.*

.....*Axeman.*

.....*Flagman.*

BOOK-A-2

West Bou

Chains On t
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BOOK-A-205

West Boundary Tp. 29 S. R. 23 E. 1
S. L. M.

Chains On the night of November 17th 1884 I took an observation on the Star Polaris from cor. to Tps. 29 & 30 S. Rs 22 & 23 E. with Blackpole theodolite No. 1734.

Survey commenced November 18th 1884.
From above cor I run
N. on a true line
bet. secs. 31 & 36.
Va. 15° E.
Line runs along level bottom of a cañon course N.E. in dense undergrowth.

0.50 Wash with water-holes, course N.E.
7.50 Leave bottom & brush.
Ascend. Enter timber
33.40 Thence level, some sagebrush. Leave timber
40.00 Set sandstone 18 x 10 x 4 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & dug pits 18 x 18 x 12 ins. N. & S. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high

2 W. Boundary Tp. 29 S. R. 23 E.

Chains 3½ ft. base alongside.

55.00 Ascend.

Enter dense high sagebrush.

61.95 Thence level.

62.30 Trail course E.

64.00 Hollow course E.

A red sandstone cliff 250 ft. high bears W. 18 chs.

65.00 Ascend.

73.00 Thence level.

Leave dense undergrowth. Enter grass & white sage flat.

80.00 Set a sandstone 20×14×3 ins. 15 ins in the ground for cor. to secs 25, 30, 31 & 36 marked with a notch on S. & 5 notches on N. edges, dug pits 18×18 × 12 ins in each sec. 5½ ft. dist. & raised a mound of earth 2 ft. high 3½ ft base alongside

Land rolling, soil sandy, 2nd rate

Heavy timber cedars on 25.90 chs

Dense undergrowth on 25.50 chs

Augmented on 57.40 chs.

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chs. N. on a true line
bet. secs. 25 & 30
Va. 15° E.

15.00 A few scattering cedars.
Descend in dense high sagebrush

25.00 Leave dense undergrowth, enter grass & white sage level.

40.00 Set a sandstone 14 x 10 x 5 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

43.00 Enter dense high sagebrush and dead timber.

80.00 Set a sandstone 26 x 14 x 10 ins. 19 ins. in the ground for cor. to secs. 19, 24, 25 & 30 marked with 2 notches on S. & 4 notches on N. edges, dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high

4 W. Boundary Tp. 29 S. R. 23 E.

Chs. 4½ ft. base along side.
Land nearly level, soil sandy
2nd rate.
Dense undergrowth on 47.00

N. on a true line
bet. secs. 19 & 24.
Va. 15° E.

3.50 On S. side of Hudson Wash
Descend.

7.50 Leave undergrowth & dead
timber.
Descend over rocky slope
through scattering live timber

12.04 Enter level bottom & dense
greasewood brush, 6 ft. high

21.25 Wagonroad to Hatchs Ranch
course E & W. Hatchs ranche
is situated in Hatchs
Cañon. The mouth of which
is 1/4 mile W. empties into
Hudson Wash, heads S.W.
Cabin, corral & pasture above
1 mile above mouth of

Salt

Chs. Hatc
22.00 Creek
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BOOK-A-205

Salt Lake Meridian.

Chs. Hatchs Cañon.

22.00 Creek 2 links wide 4 ins. deep in wash course W. 1/4 mile, thence winding E. & N. General course N. W.

30.35 N. side of Hudson Wash. Foot of E. end of perpendicular sandstone bluff course E. & W. about 15 chs.

36.45 N. side of same bluff, perpendicular precipice 52 ft. deep enter bottom of Hudson Wash & dense high greasewood.

40.00 Set a sandstone 14 × 10 × 6 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face dug pits 18 × 18 × 12 N & S. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

43.72 At foot of same sandstone bluff course N. W. perpendicular precipice 69 ft. high. Leave dense greasewood. Enter upper

6. W. Boundary Tp. 29 S. R. 23 E.

Chs nearly level bench.

80.00 Set sandstone 18 × 12 × 4 ins. 12 ins. in the ground for cor. to secs. 13, 18, 19 & 24, marked with 3 notches on N. & S. edges, dug pits 18 × 18 × 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.

Land 1st 3.50 chs. & last 49.65 nearly level plateau, soil 2nd rate

Level bottom 18.35 chs. soil 1

Mountainous 8.50 chs. soil rocky 4th rate

Dense undergrowth on 25.85 chs.

Augmented on 29.85 chs.

N. on true line bet. secs. 13 & 18. Va. 15° E.

13.00 Descend.
Enter timber

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63.00 Deep
68.00 Leave
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80.00 Set

Salt Lake Meridian 7

22.50 Hollow course W. 8.00 chs. where it empties into Hudson Wash. Ascend.

28.30 Foot of sandstone cliff course E. & W. perpendicular 39 ft. Ascend. Leave timber.

32.00 Enter broken, rocky plateau & timber.

38.00 Deep gulch.

40.00 Set a sandstone 34 x 14 x 10 ins. 24 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone alongside, from which
A piñon 10 ins. diam. bears N. 24° W. 15 lks. dist.
A. Cedar 12 ins. diam. bears S. 86° E. 19 lks. dist.
both trees marked 1/4 S.B.T.

63.00 Deep gulch course W.

68.00 Leave timber, enter dense high sagebrush.
Descend

77.00 Level

80.00 Set a sandstone 22 x 16 x 5 ins.

S. W. Boundary Tp. 29 S. R. 23 E.

Chs. 16 ins. in the ground for cor to secs. 7, 12, 13 & 18, marked with 4 notches on S. and 2 notches on N. edges, dug pits in each sec. 18 x 18 x 12 ins. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.

The E. side of Hudson Wash Cañon about 15.00 chs. W.

Land rolling, broken, rocky.

Soil sandy 4th rate

Heavy timber, cedars & piñons on 57.30 chs. Dense undergrowth on 12.00 chs.

Augmented on 63.30 chs.

N. on true line bet. secs. 7 & 12.

Va. 15° E.

10.00 Leave dense undergrowth, enter grass & white sage flat

18.00 Trail course N. W.

25.50 Ravine course S. W.

Salt

Chs.

40.00 Set a ins. i mar pits stone a mo high

80.00 Set 19 in secs. 5 no N. e 18 x 18 raised high Land Grass Dens

10.00 W. e

40.00 Set

BOOK-A-205 334

Chs.

40.00 Set a sandstone 18×18×6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18×18×12 ins. N. & S. of stone 5 1/2 ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

80.00 Set a sandstone 26×10×3 ins. 19 ins. in the ground for cor. to secs. 1, 6, 7 & 12, marked with 5 notches on S. & 1 notch on N. edges, dug pits in each sec. 18×18×12 ins. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4½ ft base alongside.

Land level, soil sandy 2nd rate

Grass & white sage

Dense undergrowth on 1st 10.00 chs.

N. on true line
bet. secs. 1 & 6.
Va. 15° E.

10.00 W. end of low sandstone knoll.

40.00 Set a sandstone 20×10×2 ins.

10 W. Boundary Tp. 29 S. R 23 E

Chs. 15 ins. in the ground for 1/4 se
cor. marked 1/4 on W. face dug
pits 18×18×12 ins. N. and S.
of stone 5 1/2 ft. dist. and
raised a mound of earth
1 1/2 ft. high 3 1/2 ft base alongside
59.00 A low sandstone knoll.
80.00 Set a sandstone 36×9×6 ins.
27 ins. in the ground for cor. to
Tps. 28 × 29 S. Rs. 22 + 23 E.
marked with 6 notches in
each edge, dug pits 24×18×12
ins. lengthwise on each line
N.S.E. + W. of stone 6 ft. dist
and raised a mound of earth
2 1/2 ft. high 5 ft. base alongside
Land level, soil 2nd rate.
Grass, white sage and some brush
November 18th 1884.

General Description.
The above line runs over most
ly level ground, richly covered
with grass and white sage

and making fine pasture. The soil in Hudson Wash is 1st class and might be farmed to advantage. The Eastern side of Hudson Wash is torn by deep gulches, running between high sandstone cliffs. The Eastern part of Tp. 29 S. R. 22 E. is intersected by high, timber covered, sandstone cliffs, which render the same almost inaccessible and worthless. The Middle, Northern and Southern parts however are nearly level, well covered with grass and white sage. Some groves of cedars and piñons and solitary sandstone cliffs.

Ernst Ruettner
U. S. Dep. Surveyor

12 W. Boundary Tp. 29 S. R. 23 E.

BOOK-A-2

U. S. SURVEY

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Township No. 2

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BOOK-A-205

3 E.

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13th 1885

The foregoing field notes of the survey of the

West Boundary

Township No. 29 South *Range No.* 23 East

Executed by Ernst Buettner

Under Contract No. 128 *of the* 27th

day of August 1884, *in the month of*

November 1884, *having been critically ex-*

amined, the necessary corrections and explanations made,

he said field notes, and the surveys they describe are

reby approved.

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A-2

REPORT:

Filed

Examined by

Transcribed by

Compared by

FI

OF THE

Novtti

Township No. 2

Range No. 2

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Under his

Dated Aug

Survey comme

Survey comple

BOOK-A-205

REPORT: 340

Filed 188

Examined by J. H. Campe

Transcribed by H. Atkinson

Compared by D.E.S. & H.A.

FIELD NOTES

OF THE SURVEY OF THE

North Boundary

OF

Township No. 29 South

Range No. 23 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Buettner

U. S. Deputy Surveyor,

Under his Contract No. 128

Dated August 27th 1884

Survey commenced November 18th 1884

Survey completed November 18th 1884

NAMES AND DUTIES OF ASSISTANTS.

.....	*Compassman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Axeman.*
.....	*Axeman.*
.....	*Flagman.*

BOOK-A-20

N.B.T. 29 S.

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side.
15.00 1 ch.
stone
11.00 Wash,

BOOK-A-205

N. B. T. 29 S. R. 23 E. S. L. M. 1

Survey commenced November 18th 1854

Chs. As I am convinced that this line would be obstructed by impassable mountains in less than six miles and thereby prevent me from closing the same on the Colorado Guide Meridian I run from cor. to Tps. 28 & 29 S. Rs. 22 & 23 E.

E. on a true line
bet. secs. 6 & 31
Va. 15° E.

Line runs on level ground, covered with grass, white sage and some sagebrush.

10.00 Set a sandstone 20 x 6 x 6 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and dug pits 18 x 18 x 12 ins. E. & W. of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

15.00 1 ch. N. the foot of a sandstone cliff 50 ft. high

21.00 Wash, course N. Enter dead

2 N. Boundary Tp. 29 S. R 23 E.

Chs. timber and heavy undergrowth
Ascend.
74.50 Thence level.
80.00 Set a sandstone 16 x 14 x 3 ins.
10 ins. in the ground for cor. to
secs. 5, 6, 31 x 32, marked
with 1 notch on W. and 5
notches on E. edges, dug pits
18 x 18 x 12 ins. in each sec. 5 ½
ft. dist. and raised a mound
of earth 2 ft. high 4 ½ ft.
base alongside.
Land nearly level, soil
sandy, 2nd rate.
Dense undergrowth and dead
timber on 9 chs.

E. on true line
bet. secs. 5 x 32.
Va. 15° E.

13.00 Ascend.
17.00 Thence level
Leave dead timber, continue
in dense high sagebrush.

Lks.

34.00 Enter timber, leave dense sage brush.
Descend.

40.00 Set a sandstone 22x14x4 ins.
16 ins. in the ground for
1/4 sec. cor. marked 1/4 on
N. face, dug pits 18x18x12 ins.
E. & W. of stone 5½ ft. dist.
and raised a mound of
earth 1½ ft. high 3½ ft.
base alongside.
A piñon 16 ins. in diam.
bears S. 2½° W. 20 lks. dist.
A piñon 7 ins in diam
bears N. 54° W. 44 lks. dist.
both trees marked 1/4 S.B.T.
Coyote Creek (dry) is N.
about ½ mile, course W.

44.50 Thence level.

53.00 Ascend.

56.90 Thence level, leave timber
Enter dense high sage brush.

80.00 Set a sandstone 16x12x8
ins. 10 ins. in the ground
for cor. to sec's. 32, 33, 4 & 5

4. N. Bound. Tp. 29 S. R. 23 E.

Chs. marked 2 notches on W. and 4 notches on E. edges, dug pits 18 × 18 × 12 in in each sec. 5 ½ ft. dist and raised a mound of earth 2 ft high 4½ ft base alongside.

Land 1st 13.00 and last 13.00 chs. level, soil sandy, 2nd rate.

Rest rolling, soil 3rd rate.

Heavy timber, live on 32.90 chs. dead on 17.00 chs.

Dense high sage brush on 47.10 chs.

Augmented on 80.00 chs.

E. on a true line bet. secs 4 & 33.

Va. 15° E.

In dense high sage brush.

17.00 Descend.

Chs.

37.00 Th
bru

39.50 Wag
Fran
Blu
& S.

40.00 Set
10 in
¼ se
face,
E. & W
raised
ft. hig
Asc

44.00 Ent

47.00 The
low
N. W

54.00 De

58.50 Then
enter

80.00 Set
10 in
cor

BOOK-A-205 346

Cho.

37.00 Thence level, leave dense brush.

39.50 Wagon road from Little Grand River Valley to Bluff City, course N. W. & S. E.

40.00 Set a sandstone 14 x 11 x 3 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18 x 18 x 12 ins. E. & W. of stone 5½ ft. dis. & raised a mound of earth 1½ ft. high 3½ ft. base alongside. Ascend.

44.00 Enter timber.

47.00 Thence level, on top of low quartzite ridge, course N. W. & S. E.

54.00 Descend.

58.50 Thence level. Leave timber, enter high dense sage brush.

60.00 Set a sandstone 14 x 10 x 3 ins. 10 ins. in the ground for cor to secs. 33, 34, 3 & 4,

6. N. Bound. Tp. 29 S. R. 23 E.

Chs. marked with 3 notches on E. & W. edges, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base along Coyote Creek ¼ mile N. of line 3 lks. wide 3 ins. deep, course W.
Land slightly rolling, soil sandy, 3rd rate.
Heavy timber on 14.50 chs.
dense undergrowth " 58.50 "
Augmented " 73.00 "

E. on a true line
bet. secs. 3 & 34
Va. 15° E.

1.00 Ravine, course N. W.
Ascend.
4.00 Enter dead timber and dense undergrowth.
6.00 Thence level.
Top of low quartzite ridge, course E. & W.

Salt

Chs.
27.00 Desc
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32.50 T
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40.00 Set a
12 ins
cor. m
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BOOK-A-205

Salt Lake Meridian

Chs.

27.00 Descend.

Enter live timber.

32.50 Thence level.

Leave timber and dense undergrowth, enter short sagebrush.

40.00 Set a sandstone 18 x 9 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18 x 18 x 12 ins. E. & W. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

10.00 chs. N. Coyote Creek 4 links wide 12 ins. deep course W.

44.50 Wash, N. W.

80.00 Set a piñon post 4 ft. long 4 ins. square with marked stone 12 ins. in the ground for cor. to secs. 2, 3, 34 & 35, marked

T. 28 S. S. 35 on N. E.
R. 23 E. 2 on S. E.
S. 3 on S. W.
& S. 34 on N. W.

with 4 notches on W. and

8 N. Boundary Tp. 29 S. R. 23 E.

Chs. 2 notches on E. 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 around post.

7.00 chs. N. Coyote Creek 4 lks wide 12 ins. deep course W.

Land rolling, soil sandy 2nd rate.

Heavy timber, live on 5.50 chs, dead on 23.00 chs.

Dense undergrowth on 32.50 chs.

Augmented on 32.50 chs.

E. on a true line bet sec. 2 & 35

Va. 15° E.

9.25 Trail to Coyote ~~Creek~~, course N.E.

40.00 Set a sandstone 18×12×5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on

BOOK-A-205

Chs. N. face, dug pits 18×18×12 ins. E. × W. of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

41.00 Gulch course N. W. Ascend.

76.00 Enter timber.

Thence nearly level.

80.00 On W. side of a deep gulch, course ~~N.~~ North

Set a sandstone 26×10×8 ins. 20 ins in the ground for cor. to secs. 35, 36, 1 × 2, marked 5 notches on W. and 1 notch on E. edges and raised a mound of stone alongside.

Pits impracticable.

A piñon 8 ins. diam bears S. 43½° W. 9 lks dist. marked T. 29 S. R. 23 E. S. 2 B. T.

A piñon 12 ins. diam. bears S. 56° E. 15 lks. dist. marked T. 29 S. R. 23 E. S. 1 B. T.

A piñon 14 ins. diam. bears N. 49° E. 48 lks. dist.

10 N. Boundary Tp. 29 S. R. 23 E.

Chs. marked T. 28 S. R. 23 E. S. 36. B.
A. piñon 10 in diam bears
N. 24° W. 29 lks. dist.
marked T. 28 S. R. 23 E. S. 35. B.
Land 1st half mile level,
soil 2nd rate.
Timber on last 4.00 chs.
Note:
There is a high steep
quartzite mountain E. of cor
thickly covered with cedars
and piñons, dense under-
growth and large boulders
intersected by deep cañons,
gulches and precipices.
N. of cor. about ½ mile
Coyote Creek, heading E.
in deep cañon.
Abandon line.
November 18th 1884.

BOOK-A-205

General Description.

The line runs over rolling ground covered with a few small groves of cedars and piñons and some sage brush. There is an abundance of grass and white sage. North of line runs Coyote Creek through a fine bottom. The water in Creek however runs only part of the year and sinks now at a short distance W. The quartzite mountain about 1200 ft. above level runs N. and closes on to foot hills of the Sierra La Sal.

Ernst Buettner
U. S. Dep. Surveyor.

BOOK-A

U. S. SURVI

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Township No.

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hereby approve

BOOK-A-205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13th *188* 5

The foregoing field notes of the survey of the North Boundary

Township No. 29 South *Range No.* 23 East

Executed by Ernst Buettner

Under Contract No. 128 *of the* 27th

day of August *188*4, *in the month of*

November *188*4, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A

REPORT: 1

Filed

Examined by

Transcribed by

Compared by

FI

OF THI

Color

Township No. 2

Range No. 2

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BOOK-A-205

REPORT: 356

Filed 188

Examined by .....

Transcribed by H Atkinson

Compared by Valentine & Atkinson

FIELD NOTES

OF THE SURVEY OF THE

Colorado Guide Meridian

OF

Township No. 29 South, between

Range No. 23 & 24 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Buettner

U. S. Deputy Surveyor,

Under his Contract No. 128

Dated August 29th 1884

Survey commenced December 1st 1884

Survey completed December 1st 1884

NAMES AND DUTIES OF ASSISTANTS.

..... *Compassman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Axeman.*

..... *Axeman.*

..... *Flagman.*

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Tp. 29 S. bet. Rs. 23 & 24 E. Col. G. M. 1

Chs. On the night of November 30th 1884 I took an observation on the Star Polaris with Stackpole Theodolite No. 1734 from the cor. to secs. 19, 24, 25 & 30 Tp. 29 S. Rs. 23 & 24 E. on Colorado Meridian, which is a sandstone 18×12×9 ins. in mound of stone, with 4 bearing trees with

A cedar 14" diam bears N. 80° W. 18 ft. dist.
A piñon 10" " " N. 3° E. 20 " "
" " 12" " " S. 8° E. 22 " "
" " 14 " " S. 12° E. 56 " "
which are properly marked according to instruction.

Survey commenced December 1st 1884.
From the above described cor I run

South on true line
bet. secs. 25 & 30
Va. 15° 10' E.

Line runs over broken sand

2. Tp. 29 S. bet. Rs. 23 & 24 E.

Chs. stone ground, covered with cedars and piñons and dense undergrowth.
Descend.
8.00 Bottom of cañon, course S. W.
9.00 Ascend.
27.00 A sandstone cliff 60 ft. high 2 chs. W.
Descend.
40.00 The old 1/4 sec. cor. which is a sandstone, marked 1/4 on W. side (22 x 18 x 6 ins.) in mound of stone bears W. 2 lks. and S. 2 lks. place same in position.
45.60 Gulch course S. W.
Thence over rough broken ground
53.50 End of old survey.
74.70 Enter bottom of cañon, course S. W.
A spring at the head of same
76.60 Ascend.
80.00 Set a sandstone 38 x 16 x 8 ins. 20 ins. in the ground for cor. to secs. 25, 30, 31 & 36, marked

Cho. with 1 notch on S. and 5 notches on N. edges, and raised a mound of stone alongside
Pits impracticable. No trees within limits.
Land rocky, mountainous, soil 4th rate.
Some timber along line.
Dense undergrowth on 80.00 chs.
Mountainous on 80.00 chs.

S. on a true line
bet. secs. 31 & 36
Va. 15°10' E.

0.60 Descend.
5.40 Bottom of deep gulch, course S.W.
Ascend.
15.25 Top of ridge bears S.W.
Descend over heavy boulders.
23.00 Bottom of canon, course S.W.
Ascend.
32.70 Top of a ridge, bears S.W.

4. Tp. 29 S. bet. Rs. 23 & 24 E.

Chs.

37.40 Perpendicular precipice 65 ft. deep. Thence nearly level over heavy boulders.

40.00 Set a sandstone 18 x 14 x 4 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone alongside

Pits impracticable.

A piñon 6 ins. diam. bears N. 10° E. 15 lks. dist. marked 1/4 S. B. T.

55.00 A deep gulch course S. W.

57.00 Descend.

70.00 Bottom of cañon course W. Ascend.

77.85 On top of ridge bears W. Thence over heavy rocks nearly level.

80.00 Set a sandstone 30 x 22 x 9 ins. 20 ins. in the ground for cor. to Tps. 29 & 30 S. Rs. 23 & 24 E. marked with 6 notches on each edge and raised

a mound of stone alongside
Pits impracticable
Land mountainous, rocky;
soil 4th rate.
Some timber and brush.
Mountainous on 80.00 chs.
S. 1 ch. a precipice about
150 ft. deep canon below
course W.
A high sandstone cliff
extending 1½ mile E. & W.
The same character of
country E. & W.
Abandon line.
December 1st 1884.

General-Description

The above line runs through
broken, nearly inaccessible
sandstone cliffs, inter-
sected by deep gulches
and canons.
There are some cedars

and piñons.

Ernst Buettner
U. S. Dep. Surveyor.

BOOK-

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[4—LIST OF NAMES.]

A list of the names of the individuals employed by Ernst Buettner *United States deputy surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of* Std, Merd & Tp lines as situated between Tps 29 & 35 S. Rs 19 & 25 E, and subdivisions in Tps 30 & 31 & 32 S, R 23 E as stipulated in Contract No 128 of Augt 27 1884

of the Salt Lake base and meridian in the Territory of Utah, showing the respective capacities in which they acted.

....., *Compassman.*
Robert McDonald, *Chainman.*
Franklin A. Manville, *Chainman.*
William Gibson, *Chainman.*
William Shay, *Chainman.*
James Jensen, *Axeman.*
M. Martin, *Axeman.*
William Stewart, *Flagman.*

BOOK-

We hereby
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of the Sta Me
29 & 35 South R
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Jos. Allan
M. Ma

Subscribed an
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[5.—FINAL OATHS OF ASSISTANTS.]

We hereby certify that we assisted Ernst Buettner United States deputy surveyor, in surveying all those parts or portions of the Sta Merd. & Tp lines situated bet Tps 29 & 35 South R 19 & 25 E & sub in Tps 30, 31 & 32 S. R 23 E as stipulated in contract No 128 of Aug 27 1884

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

....., Compassman.

Robt McDonald, Chainman.

Franklin A Manville, Chainman.

~~Wm Gibson~~, Chainman.

Wm Shay, Chainman.

Trafr A Manville Mr Monk, Axeman.

M. Martin James Bennett

~~Wm Gibson~~, Axeman.

Wm Stewart, Flagman.

Subscribed and sworn to before me this 19 day of December 1884

Thomas H Pritchett
Justice of the peace
of Moab precinct
Emery Co Ut

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[6.—FINAL OA

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[6.—FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.]

I, Ernst Buettner United States deputy surveyor, do solemnly swear that in pursuance of instructions received from Fred. Salomon United States surveyor-general for Utah, bearing date of the 27th day of August, 188 4, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States surveyor-general for Utah, the surveying manual and the laws of the United States, surveyed all those parts or portions of Std Mer & Th lines, situated bet Tps 29 & 35 S R19 & 25 E & subdivs Tps 30, 31 & 32 S R23 E as stipulated in Contract No 728 of Aug 27/1884

of Salt Lake base and meredian in the Territory of Utah, as are represented in the foregoing field notes as having been surveyed by me and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the United States surveyor-general for Utah, and in the specific man-

ner described in the field notes, and that the fore-
going are the TRUE field notes of such survey,
and, should any fraud be detected, I will suffer
the penalty of perjury, under the provisions of an
act of Congress, approved August 8, 1846.

E. Buettner
United States Deputy Surveyor

Subscribed and sworn to before me this 19
day of December 1884

Thomas M. Fritch
Justice of the peace
made precin
Emery Co

BOOK-A-205

U. S. SURVEYOR

Salt Lake Cit

The foregoing f

Colora

Township No. 29

Executed by Er

Under Contract No.

day of Aug

December

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the said field notes

hereby approved.

BOOK-A-205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13th 1884

The foregoing field notes of the survey of the Colorado Guide Meridian

Township No. 29 South *Range No.* 23 & 24 East

Executed by Ernst Buettner

Under Contract No. 128 *of the* 29th

day of August 1884, *in the month of* December 1884, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Frk. Salomon

U. S. Surveyor General for Utah.

BOOK-A

REPORT: 1

Filed

Examined by

Transcribed by

Compared by

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Sixth Stan

Township No.

Range No. 2

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Under his

Dated 27

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BOOK-A-205

REPORT: 1884 372

Filed 188

Examined by .....

Transcribed by Henry R Mathinson

Compared by Valentine Atkinson

FIELD NOTES

OF THE SURVEY OF THE

Sixth Standard Parallel South

OF

Township No. 30 South

Range No. 21, 22 & 23 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernest Buettner

U. S. Deputy Surveyor,

Under his Contract No. 128

Dated 29th August 1884

Survey commenced November 11th 1884

Survey completed " 13th 1884

NAMES AND DUTIES OF ASSISTANTS.

.....	*Compassman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Axeman.*
.....	*Axeman.*
.....	*Flagman.*

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Sixth Standard Parallel South
Range 23 East

Survey commenced Nov 11th 1804
From Standard cor to secs 35 & 36
Tp 30 S. R 23 E
I run Won true line
along S boundary Sec 35
Var 15° 00' E

Ascend in White sage
11.95 Thence level
39.00 A Wagon track course NW
40.00 Set a sandstone 14"x8"x3" 10"
in ground for stand 1/4 sec cor
marked SC 1/4 on N face, dug
pits 18"x18"x12" E & W of stone
5 1/2 ft dist and raised a
mound of earth 1 1/2 ft high 3 1/2 ft
base along side
72.00 Hollow SE
80.00 Set a sandstone 16x12x4
11" in the ground for stand
Cor to secs 34 & 35 marked
SC with 2 notches on E
and 4 notches on Wedges
dug pits 18"x18"x12" N
E & W of stone 5 1/2 ft dist

and raised a mound
of earth 2 ft high 4 1/2 ft
base alongside
Land Level, Soil 2d rate
Grass white sage
Ground sloping E 1/2°

W on true line along
S boundary Sec 34
Var 16° 00' E

40.00 Set a sandstone 18x14x4
12" in ground for stand 1/4
Sec cor, marked SC 1/4 on N face, dug
pits 18"x18"x12" E & W of stone 5 1/2 ft dist
and raised a mound of earth 1 1/2 ft
high 3 1/2 ft base alongside
49.00 Enter timber
50.50 At foot of sandstone bluff, ascend
53.82 Thence level, timbered plateau
80.00 Set a sandstone 24"x16"x2" 18" in the
ground for standard cor to secs
33 & 34, marked SC with
3 notches on E & W edges, and
raised a mound of stone along

Range 23 E. S L M

Pits impracticable.
A Pinon 12 ins diam bears S 28½° E. 26 lks dist
Marked T. 30 S. R 23 E. S 2 B.T.
A Pinon 7 ins diam bears N. 77½° E 19 lks dist
Marked T. 30 S. R 23 E. S. 34. B.T.
A Pinon 12 ins diam bears N 35° W 53 lks dist
Marked T. 30 S. R 23 E. S 33. B.T.
Land 1st 50.50 chs level Soil 2nd rate
rest plateau. Soil 3rd rate
Timber Cedars on 31 chs.

W on Tone line
Along S boundary Sec 33
Va 15° E

6.00 Descend.
19.00 Leave Timber, enter flat.
40.00 Set a Sandstone 14 x 6 x 5 ins 9 ins in the
ground for Standard ¼ Sec Cor marked
S.C. ¼ on N face, dug pits
18 x 18 x 12 ins E & W of stone 5½ ft
dist, and raised a mound of
earth 1½ ft high 3½ ft base alongside
80.00 Set a Sandstone 15 x 8 x 8 ins 10 ins
in the ground for Standard Cor

Sixth Standard Parallel South

to Secs 32 & 33. Marked S.C. with
4 Notches on E and 2 notches on
Wedges, Dug pits 14 X 18 X 12 ins
N. E & W of Stone 5½ ft dist.
And raised a mound of earth
2 ft high 4½ ft base alongside.
Land last 65 chs level. Soil 2nd rate
Covered with grass & white sage.
Rest rocky. Soil 4th rate.
Heavy Cedars
Timber on 19 chs.

W on true line
along S boundary Sec 32
Va. 15° E.

8.00 Enter dense high sagebrush.
40.00 Set a sandstone 14 X 12 X 5 ins 9 ins
in the ground for Standard ¼ Sec Cor.
Marked S.C. ¼ on N face. Dug pits
18 X 18 X 12 ins E & W of Stone, 5½ ft
dist, And raised a mound of
earth 1½ ft high 3½ ft base alongside
65.00 Leave dense undergrowth.
80.00 Set a sandstone 12 X 10 X 4 ins 8 ins
in the ground for Standard Sec

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72.50 Descen

to Secs 31 & 32. Marked S.C. with
5 Notches on E and 1 notch on
W. edges. Dug pits 18 X 18 X 12 ins
N. E. & W. of Stone 5½ ft dist.
and raised a mound of earth
2 ft high 4½ ft base alongside.
Land Level. Soil 2nd Cedar rate.
Dense undergrowth on 57.00 chs

W on tone line.
along S. boundary Sec 31
Va 15° E

5.00 Descend.
40.00 Set a Sandstone 16 X 12 X 3 ins 11 ins in
the ground for Standard ¼ Sec Cor
Marked S.C. ¼ on N face. Dug pits
18 X 18 X 12 ins E & W of Stone. 5½ ft
dist. and raised a mound of earth
1½ ft high 3½ ft base alongside
44.50 Wash Course S. runs into Cañon
About 15.00 chs S. small creek in Cañon.
57.50 Wash. course S.E.
Ascend.
72.50 Descend.

Sixth Stand Parallel South
Range 23 E.

80.00 Set a Sandstone 16 X 7 X 6 ins 11 ins in the ground for Standard Cor to Tps 30 & 31 S. R's 22 & 23 E. Marked S.C. with 6 notches on N. E. & W. edges. Dug pits 24 X 18 X 12 Crosswise on each line. N. E. & W. of Stone 6 ft dist. And raised a Mound of earth 2½ ft high 5 ft base along side.

Land Slightly rolling, Soil 2nd rate Covered mostly with white sage, and grass, some tall sage brush.

Nov 11th 1884

General Description

The above line runs over nearly level plateau with sandy soil The same is covered with groves of cedars & pinons, some heavy growth, white sage & grass

Ernst Buettner
U.S. Dep Surveyor

Sixth

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30 X

2.00 Desc
Enter
19.72 Perpen
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23.00 Ascen
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40.00 Set a
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Mark
18 X 18
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A Pin
Man
45.00 Rave
47.00 Asce
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Sixth Standard Parallel S
Range 22 E.

From the above corner to Tps
30 & 31 S. R's 22 & 23 E. Iron
W on a true line
Along S boundary Sec 36.
Va. 15° E.

2.00 Descend.
Enter Timber.
19.72 Perpendicular precipice 35 ft deep. N & S
Thence level.
22.50 Wash, Course S.W.
23.00 Ascend.
33.37 Thence level.
40.00 Set a Sandstone 18 X 8 X 3 ins 12 ins in
the ground for Standard ¼ Sec. Cor
Marked S C ¼ on A face. Aug pits
18 X 18 X 12 ins E & W of Stone 5½ ft dist
and raised a mound of earth 1½ ft high
3½ ft base alongside.
A Pinon 14 ins diam bears S. 74½° E 48 lks dist
Marked S C ¼ S B.T.
45.00 Ravine. Course S
47.00 Ascend.
Descend.
80.00 Set a Sandstone, 16 X 15 X 14 ins

Sixth Standard Par South
Range 22 E

10 ins in the ground for Standard Sec. Cor. to Secs 35 & 36. Marked S.C. with 1 Notch on E and 5 notches on W edges, and raised a mound of stone alongside.

Pits impracticable —

A Pinon 12 ins diam bears S 84¼° W 40 lks dist
Marked T. 30 S. R 22 E. S 35 B.T.
A Pinon 12 ins diam bears S 53½° E 74 lks dist
Marked T. 30 S. R 22 E. S 36 B.T.
Land rolling rocky. Soil 4th rate.
Heavy Cedars
Timber and dense underground on 78 ins dist

W on true line
along S. boundary Sec 35
Vel 15° E.

Level plateau.

40.00 Set a sandstone 26 x 16 x 3 ins 20 ins in the ground for Standard ¼ Sec Marked S.C. ¼ on N face. Dug pits 18 x 18 x 12 ins E & W of stone 5½ ft dist, and raised a mound of earth 1½ ft high 3½ ft base alongside.

Sixth

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South Standard Paul South
Range 22 E

A Pinion 12" dia bears N 76½° W 32 lks dist
Marked S C/4 S B T
A pinon 8" dia bears S 38° E 56 lks dist
Marked S C/4 S B T.

71.13 At edge of broad canyon about 700 ft
deep with nearly perpendicular walls
Course N
I cause a flag to be set at a point in line
on opposite side of canyon and
measure E 6.13 chs back on line
Thence I run an offset S 19.50 chs
1 ch from N side of same canyon from
which point the flag bears N 63°
46' W which gives for length of
line to flag 49 chs 72 lks and for
length of line from last set corner
1 mile 34 chs 72 lks and

80.00 The cor to secs 34 & 35 on Tp line
will fall in canyon
At point 65 chs west of cor to secs 35 & 36
I build a rock monument and set
a permanent flag
Land nearly level, soil 3d rate rocky
Heavy timber & undergrowth on 71.13 chs
November 11th 1882

Sixth Standard Parl. South
Range 22 E

On the evening 11th 1884, I take an observation on the star Polaris from last established flag with Stackpole Theodolite No 17384
Survey commenced Nov 12th 1884
Commence at flag 34.72 chs W of cor to secs 34 & 35 on W side of canyon
Var 15° 00 E
Run E, 1.37 chs on W edge of Canyon, course S 1/4 mile, thence NW creek 1 lk wide 3" deep and trail in bottom.
Thence W on a true line along S Boundary Sec 34
Var 15° 00 E
33.35 Enter timber
34.72 Flag in line
40.00 Set a sandstone 16"x10"x9" 11" in the ground for standard 1/4 Sec cor, mark S C 1/4 on S face and raised a mound of stone along side
Pits impracticable
A Cedar 10" dia bears S 10° W, 52 lks dist
A Pinon 8" dia " S 14° E 38 lks dist

Sixth Stand Parl South
Range 22 E

both trees marked S.C. ¼ S.B.T.
49.00 Descend.
57.25 Thence level
72.00 Leave timber sutergrass & white sage flat
80.00 Set a sandstone 20 x 12 x 10 ins 15 ins in the ground for Standard Cor to Secs 33 & 34 marked S.C. with 3 notches on E. & W. edges. Dug pits 18 x 18 x 12 ins N. E. & W. of Stone 5½ ft dist. and raised a mound of earth 2 ft high 4½ ft base alongside.
Land 15.65 chs Mountainous.
Soil rocky. 4th rate —
Rest level plateau soil sandy 2nd rate
Hickory cedars timber on 38.65 chs

W on Line.
Along S. boundary Sec 33
Va. 15° E.

40.00 Set a Cedar post 3 ft long 3 ins square with marked Stone 12 ins in the ground for Standard ¼ Sec Cor marked S.C. ¼ S. on N face. Dug pits 18 x 18 x 12 ins E & W of post 5½ ft.

Sixth Stand Pad South
Range 22 E

dist. and raised a mound of earth
1½ ft high 3½ ft base around port.
80.00 Set a Cedar post 4 ft long 4 ins
square 12 ins in the ground
for Standard Cor to Secs 32 &
33. Marked.
S.C. T30S. R22E on N.
S.33. on E. and
S32. on W. faces. with 4 notches on
E and 2 notches on W. faces.
Aug pits 18x18x12 ins N. E. & W of port
5½ ft dist. and raised a mound of
earth 2 ft high 4½ ft base around port
Land level, soil 2nd rate sand
White sage and grass.

W on true line
along S boundary Sec 32
Var 15° E

5.00 Enter Timber
22.00 Leave Timber
Continue in dense high sage brush.
40.00 Set Cedar post 3 ft long 3 ins square
with Marked Stone 12 ins in the

Sixth Stand Par.l South
Range 22 E

ground for Standard ¼ Sec Cor
Marked S C ¼ S on N face, dug
pits 18 X 18 X 12 ins E & W of post
5½ ft dist. and raised ~~a mound~~
a mound of earth 1½ ft high 3½ ft
base around post.

55.00 Leave undergrowth.

80.00 Set a Cedar post 4 ft long 4 ins square
with marked Stone 12 ins in the
ground for Standard Cor to Secs
31 & 32. Marked.
S. C. T 30 S. R 22 E on N
S 32 on. E. and
S 31 on W. faces with 5 notches
on E and 1 notch on W faces,
dug pits 18 X 18 X 12 ins N. E. & W.
of post 5½ ft dist. and raised a
mound of earth 2 ft high 4½ ft
base around post.
Land level, soil 2nd rate sandy
Heavy Timber on 17.00 Chs
Dense undergrowth on 33.00 Chs
~~Augmented on 50.00 chains~~

Sixth Standard Parl. South
Range 22 E.

W on Tree, line
Along S. boundary Sec 31
Va 15° E.

5.00 Trail. Course N. W.
30.00 Enter Timber.
36.00 Descend.

40.00 Set a sandstone 22 x 16 x 3 ins 16 ins
in the ground for Standard ¼ sec
Marked S C ¼ on N face. and
raised a mound of Stone along si
Pits impracticable
A Cedar 10 ins diam bears N. 53° E 102 lk di
A Cedar 12 ins diam bears S 12½° W. 98 lk di
both trees marked S C ¼ S. B. T.
41.00 Head of canon & trail course S. W.
Ascend.
44.60 Thence level.
59.00 Leave Timber.
80.00 Set a sandstone 20 x 15 x 12 ins 15 ins
in the ground, for Standard Cor
Tps 30 & 31 S. Rs 21 & 22 E. marked
S. C. with 6 notches on N. E. & W. edges
Dug pits 24 x 18 x 12 ins Crosswise on

Sixth
Fromm
Trus

36.00 Enter
Scal

Sixth Stand Parl South

each line, N. E. & W of Stone 6 ft dist
and raised a mound of earth
2½ ft high 5 ft base along side.
Land nearly level. Soil sandy 2nd rate.
Timber Heavy cedars on 29 ch
Remainder grass and white sage
some sage brush.

Augmented on 29 chs
Nov. 12th 1884

General Description.
This line runs over a level plateau
intersected by a deep canyon.
There are some groves of timber
along line, but the ground is
chiefly covered by white sage
and grass. Thus making a
splendid pasture.

E. Bijettner
U. S. Dep. Surveyor

Sixth Standard Parallel South R 22 E
From Stand. Cor to Tp 30 S Rs 21 & 22 E
Trun

W. on a true line
along S boundary Sec 36.
Va 15° E.

36,00 Enter dense underground and
scattering timber

Sixth Stand Paul South
Range 21 E

40.00 Set a sandstone 16 x 15 x 2 ins 11 ins in the ground for Standard ¼ Sec Cor Marked S.C. ¼ on N face, and dug pits 14 x 18 x 12 ins E & W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side Acedar 14 ins in diam bears S.15° E 27 lks dist marked S.C. ¼ S.B.T.

67.00 Leave dense undergrowth Enter grass and white sage flat

80.00 Set a Cedar post 4 ft long 11 ins square with marked stone 12 ins in the ground for Standard Cor to Secs 35 & 36 marked
S.C. T.30 S. R.21 E. on N.
S.36 on E and
S.35 on W. faces, with 1 notch on E and 5 notches on W faces.
Dug pits 14 x 18 x 12 ins N. E. & W. of post 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base around post
Land level, soil 2nd rate, sandy
Scattering timber and dense undergrowth on 31.00 chs.

Sixth Stand Paul South
Range 21 E

Now a true line
along S boundary Sec 35
Var 15°00' E

10.00 Some cedars & pines
40.00 Set a pinion post 3 ft long 3" square
with marked stone 12" in the
ground for stand 1/4 Sec cor, marked
SC 1/4 S on S face, dug pits 18"x18"x12
E & W post 6 1/2 ft dist and raised a
mound of earth 1 1/2 ft high 3 1/2 ft base along side
45.00 Enter timber
47.00 Descend
50.00 Set a sandstone 20"x12"x3 13" in the
ground for stand cor to Secs 34 & 35
marked S C with 2 notches on E
and 4 notches on Wedges, and
raised a mound of stone along side
Pits impracticable
A cedar 12" dia bears N 14° W 33 lks dist
Marked T30 S, R21 E, S34 BT
A cedar 16" dia bears S 53° W 72 lks dist
marked T30 S, R21 E, S34 BT
A pinion 14" dia bears S 24 1/2° E, 115
lks dist marked T30 S, R21 E

Sixth Stand Pad South

S35BT

A pin on 9" dia bears N59° E, 20 lks
Marked T30S, R21E, S35BT
Land nearly level soil 1st 45 ch
2nd rok, Rest 3d rok rocky
Heavy timber on last 35 chs

W on Sloundary Sec 34
Var 15° 00' E

Descend

10.50 At edge of Plateau leave timber
Precipice about 350 ft deep
Thence a steep slope Below
Indian Valley. Build a rock
Monument 7 ft high and establish
a permanent flag.
Return into Indian Valley
set instrument at a point in
Valley W of flag on edge of plateau
in line of Sixth Standard
Parallel which flag is 10.50
chs W of cor to Secs 34 & 35
November 12th 1882

Range 21 E

At this point I took on the night of November 12th 1884 an observation on the Star Polaris with a Stackpole Theodolite #1734 Survey commenced Nov 13 1884

From the above point I offset S 20.00 chs from which the flag bears N 61° 30' E which gives for distance to same 36 chs 83 lks

I return to the point on 6th Stand parallel South and run East 36.83 chs to foot of precipice below flag, from which I continue

Wm Sboundary Sec 34
Var 15° 10' E

20.23 Descend over heavy rock, foot of slope

40.00 Set a sandstone 16 x 12 x 4" 10" in the ground for stand 1/4 sec Cor, marked S C 1/4 on N face deep pits 18" x 18" x 12" E & W of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base

Sixth Stand Part South

alongside
47.33 The triangulation point
52.25 Trail course NW & SE
56.00 Ravine Course NW
72.50 " " NW
80.00 Set a sandstone 20 x 18 x 5" 15" in the ground for Stand Cor to sees 33 & 34 Marked SC with 3 notches on E & W edges, dug pits 18" x 18" x 12" N E & W of stone 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside
Land 1st 10.50 chs
Sloping W
Soil rocky 4th rate
next 9.73 chs
Mountains
Soil rocky 4th rate
rest level valley
Soil 1st rate
Heavy timber on 1st
10.50 chs

Aug
C

24.00 Descen
27.00 Thence
Dry Cre
32.00 Enter
32.35 Indian
Course
34.00 Leave
40.00 Set a
The
Marked
18 x 18 x
dist.
1 1/2 ft
53.00 Descen
57.50 Thence
Enter
80.00 Set a

Range 21 E. S.L.M.

Augmented on 20.23 chains

W along South boundary Sec 33.
Va 15°10' E

24.00 Descend.
27.00 Thence level
Dry Creek bed. course N.W. Enter dense high greasewood
32.00 Enter Cottonwood Timber.
32.35 Indian Creek. 30 lks wide 12 ins deep.
Course N. heads S.E.
34.00 Leave Timber Enter dense high willow brush.
40.00 Set a sandstone 28 x 9 x 6 ins 21 ins in the ground. for Standard ¼ Sec Cor Marked S.C. ¼ on N face, dug pits 18 x 18 x 12 ins E & W of Stone 5½ ft dist. and raised a mound of earth 1½ ft high 3½ ft base alongside.
53.00 Ascend.
57.50 Thence level. Leave undergrowth Enter grass & white sage.
80.00 Set a sandstone 18 x 12 x 10 ins 12 ins in

Fisch Stand Parallel South

the ground for Standard Cor to Secs 32 & 33. Marked S.C. with 4 notches on E & 2 notches on W edges. Dug pits 18 X 18 X 12 ins N. E. & W of stone 5½ ft dist. and raised a mound of earth 2 ft high 4½ ft base alongside. Land nearby level, soil 1st rate. Heavy timber on 2.00 chs. Dense underground on 29.50 chs. Augmented on 31.50 chs.

W along S boundary Sec 32
Va 15° 10' E.

26.50 Ravine, course N.

40.00 Set a sandstone 16 X 15 X 4 ins. 10 ins in the ground for Standard ¼ Sec Cor. Marked S.C. ¼ on N face. Dug pits 18 X 18 X 12 ins E & W of stone 5½ ft dist. and raised a mound of earth 1½ ft high 3½ ft base alongside.

44.00 Ascend along N end of steep hill on top of which are a series of high brown sandstone columns.

54.00

Descend.

Range 21 E. S L M

61.50 Thence level ~~Leave mountains~~
Enter white sage flat.
76.20 Ravine, course N. W.
80.00 Set a sandstone 20 x 18 x 4 ins 15 ins in the ground for Standard Cor to Secs 31 & 32 marked S. C. with 5 notches on E and 1 notch on W edges. Dug pits 18 x 18 x 12 ins N. E. & W. of Stone 5½ ft dist. and raised a mound of earth 2 ft high 4½ ft base alongside. Land 17.50 chs mountainous, soil rocky. 4th rate.
Rest level soil 2nd rate covered with white sage & grass.
Mountains on 17.50. chs

W along S boundary Sec. 31.
Va 15° 10' E

40.00 Set a sandstone 15 x 14 x 3 ins 10 ins in the ground for Standard ¼ Sec Cor marked S C ¼ on N face. Dug pits 18 x 18 x 12 ins E. & W. of Stone 5½ ft dist. and raised a mound of earth 1½ ft high 3½ ft base alongside.
41.00 Ascend. On S. end of hill

Sixth Stand Par South
Range 21 E

on top of which stands a solitary column 300 feet high.

~~[illegible]~~

~~[illegible]~~

~~[illegible]~~

~~[illegible]~~

~~[illegible]~~

69.30 Descend.

~~[illegible]~~

~~[illegible]~~

84.00 Set a sandstone 36 x 18 x 15 ins 27 ins in solid rock foundation for Standard Cor to Tps 30 & 31 S. Rs 20 & 21 E. Marked S.C. with 6 notches on N.E. & W. edges. and raised a mound of stone along side. Pits impracticable. Land 1st 41.00 chs level soil, 2nd rate covered with white sage & grass. Rest Mountainous rocky, soil 4th rate.

Mountainous on 39 chs

November 13th 188

General description.

This line runs for 2 miles over a nearly level plateau, covered with some timber and considerable white sage and grass.

The next 2 miles run through Milkin Valley. The soil of which is much sandy loam.

The last 2 miles run over high hills, covered with columns and castles of bizarre shapes.

N.W. & S. of this line the same form a labyrinth of high cliffs, columns and needles.

That it is altogether impossible to proceed with line.

Ernst Buettner
U.S. Dep. Surveyor

BOOK

U. S. SURVE

Salt Lak

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Township No.

Executed by

Under Contract

day of Dec

November

amined, the nec

the said field

hereby approved

BOOK-A-205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13th 1885

The foregoing field notes of the survey of the Sixth Standard Parallel South

Township No. 3 South *Range No.* 21 22 & 23 E.

Executed by Ernst Buettner

Under Contract No. 128 *of the* 27th

day of August 1884, *in the month of* November 1884, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK

REPORT :

Filed

Examined by

Transcribed by

Compared by

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OF TH

No

Township No.

Range No.

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BOOK-A-205

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REPORT: [illegible]

Filed 188

Examined by .....

Transcribed by Henry R. Mr Atkinson

Compared by Salomon & Atkinson

FIELD NOTES

OF THE SURVEY OF THE

North Boundary

OF

Township No. 30 South

Range No. 21 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Buettner

U. S. Deputy Surveyor,

Under his Contract No. 131

Dated 27th August 1884

Survey commenced November 25th 1884

Survey completed " 25th 1884

BOOK-A-205

Township 30 S R. 21 W.

409	408	408	407	406	404
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
396	395	394	391	390	388

Sixth Standard Parallel South

NAMES AND DUTIES OF ASSISTANTS.

.....	*Compassman*
.....	*Chainman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Axeman.*
.....	*Axeman.*
.....	*Flagman.*

BOOK-A-205

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BOOK-A-205

North Boundary T 30 S. R 21 E. S.L.B.&M.

On the night of November 24th 1884.
I took an observation on the Star Polaris
from the Cor to Tps 29 & 30 S. Rs 20 & 21 E.
with Stackpole Theodolite No 7734

Survey commenced November 25th 1884
I found the above Cor Dum & on random
line between Tps 29 & 30 S. Rs 20 & 21 E
At the end of every 40, 80 & 80 chs
I set Temporary half mile and
mile corners. Va 15° 10' E
and find the line to be 5 miles
78 chs and 47 lks long, and the
falling N of the Cor to Tps 29 & 30 S
Rs 21 & 22 E to be 44 lks.
The correction therefore will be 1 ch
53 lks W. and 144 lks S per mile
and the course will be N 89° 54' W.

Fm. Cor to Tps 29 & 30 S. Rs 21 & 22 E
Dum
N. 89° 54' W on the line
between Secs 1 & 36.

North Boundary T. 30 S.

Vr 15° 10' E

Descend over heavy rocks.

24.65 Enter level Valley, grass & white sage.
40.00 Set a sandstone 18 x 16 x 3 ins 12 ins in the ground for ¼ Sec Cor. Marked ¼ on N face, dug pits 18 x 18 x 12 ins E & W of Stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
51.50 Enter, dense high greasewood.
56.70 Dry wash, Course N.W.
60.00 Dry wash Course S.W.
62.50 Dry wash Course N.W. Leave brush.
80.00 On N edge of bench 10 ft above bottom Set a sandstone 24 x 20 x 6 ins 18 ins in the ground for Cor to Secs 35.36.1 & 2. Marked 1 notch on E & 5 notches on W edges, dug pits 18 x 18 x 12 ins in each Sec. 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside Land 1st 25.00 chs Mountains, rocky, soil 4th rate Rest nearly level, soil 2nd rate. Dense underbrush on 11.00 chs.
Augmented on 36 chs

R 21 E. S L M

N 89° 54' W on true line
between Secs 2 & 35.
Va 15° 10' E

15.80 Enter dry wash. Enter dense high grassmud.
19.50 Leave dry wash. Course S.W.
29.00 Wash. Course N.W.
40.00 Set a sandstone 16 x 14 x 6 ins 10 ins in the ground for ¼ Sec Cor. marked ¼ on N face. Dug pits 18 x 18 x 12 ins E & W of stone 5½ ft dist. and raised a mound of earth 1½ ft high 3½ ft base alongside.
57.00 Enter dry wash.
61.50 Leave dry wash. Course N.W.
80.00 Set a sandstone 18 x 10 x 8 ins 12 ins in the ground for Cor to Secs. 34, 35, 2 & 3. Marked 2 notches on E and 4 notches on W edges. Dug pits 18 x 18 x 12 ins in each sec 5½ ft dist. and raised a mound of earth 2 ft high 4½ ft base alongside. Land nearly level. Soil sandy 2nd rate. Dense undergrowth on 64.20 Chs.

North Boundary T 30 S

N 89° 54' W on Fine line
between Secs 3 & 34
Va 15° 10' E

2.00 Dry wash Course S.W.
13.00 Leave undergrowth.
38.00 On N edge of dry wash.
40.00 Set a sandstone 18 x 15 x 3 ins 12 ins in
the ground for ¼ Sec Cor Marked
¼ on N face. Dug pits 18 x 18 x 12 ins
E & W of Stone 5½ ft dist. and
raised a mound of earth 1½ ft high
3½ ft base alongside.
80.00 Set a sandstone 20 x 14 x 8 ins 15 ins in the
ground for Cor to Secs 33. 34. 3 & 4.
Marked with 3 notches on E & W edges.
Dug pits 18 x 18 x 12 ins in each Sec
5½ ft dist, and raised a mound of
earth 2 ft high 4½ ft base alongside.
Land nearly level, soil sandy 3rd rate
Dense under growth on 15.00 chs

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R 21 E. S L M

N 89° 54' W on a true line
between Secs 4 & 33.
Va 15° 10' E

1 mile S. plateau bears S. & E.

40.00 Set a sandstone 30 x 20 x 4 ins 22 ins in the ground for ¼ Sec Cor marked ¼ on N face, dug pits 10 x 18 x 12 ins E & W of stone 5½ ft dist and raised a mound of earth alongside 1½ ft high 3½ ft base.

47.00 Ravine. S.

73.00 Ravine. S.

80.00 Set a sandstone 22 x 12 x 3 ins 15 ins in the ground for Cor to Secs 32, 33, 4 & 5 marked with 4 notches on E and 2 notches on W edges and raised a mound of stone alongside.
Pits impracticable.
Land level, rocky, soil 4th rate.

N 89° 54' W on a true line
between Secs 5 & 32.
Va 15° 10' E

33.00 Descend.

North Boundary T 30 S

Some Scattering Cedars.

57.00 Enter flat.

40.00 Set a sandstone 14 x 12 x 4 ins 9 ins in the ground for ¼ Sec Cor. Marked ¼ on N face. Dug pits 18 x 18 x 12 ins E & W of stone 5½ ft dist. and raised a mound of earth 1½ ft high & 3½ ft base alongside.

69.00 S side of a round white sandstone knoll with red top, 30 ft high. Descend.

80.00 Set a sandstone 32 x 18 x 12 ins 24 ins in the ground for Cor to Secs. 31, 32, 5 & Marked with 5 notches on E & 1 notch on W edges. Dug pits 18 x 18 x 12 ins in each Sec 5½ ft dist. and raised a mound of earth 2 ft high 4½ ft base alongside.
Land rolling. Soil 3rd rate

N 89° 54' W on a true line between Secs 6 & 31.
Va 15° 10' E

Descend.

R 21 E. S L M

40,00 Set a Sandstone 16 x 14 x 5 ins 10 ins in the ground for ¼ Sec Cor marked ¼ on N face, dug pits 18 x 18 x 12 ins E & W of stone 5½ ft dist, and raised a mound of earth 1½ ft high 3½ ft base alongside.

49,00 Ravine Course S.W.
Enter Sandstone breaks.

64,00 Indian Creek. 48 lks wide 6 ins deep Course N.W.
65,70 Indian Creek 45 lks wide 6 ins deep Course S.
78,47 The Cor to Tps 29 & 30 S. Rs 20 & 21 E.
Land broken Rocky soil, 4th rate.

November 25th 1884.

General Description.

Tp 30 S. R 21 E is intersected from S.E. to N.W. by Indian Creek, There is about 1 mile of 1st class soil on each side of Creek, which doubtless will soon be settled upon. The rest of the Tp is much broken up, but is valuable as pasturage.

Indian Creek heads S.E. in

the Blue Mountains.
The best land along creek falls into Tp 31 S R 21 E, where there are about 4 Secs.

Ernst Buettner
U. S. Dep. Surveyor

BOOK

U. S. SURV

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Township No.

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hereby approve

BOOK-A-205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13 1885

The foregoing field notes of the survey of the North Boundary

Township No. 3 South *Range No.* 21 E

Executed by Ernst Buettner

Under Contract No. 131 *of the* 27th

day of August 1884, *in the month of* November 1884, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Frl Salomon

U. S. Surveyor General for Utah.

BOOK-A

REPORT: 16

Filed

Examined by

Transcribed by

Compared by

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Township No.

Range No. 2

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BOOK-A-205

REPORT: 1885 414

Filed 188

Examined by .....

Transcribed by H. Atkinson

Compared by Salomon W. Atkinson

FIELD NOTES

OF THE SURVEY OF THE

West Boundary

OF

Township No. 30 South

Range No. 21 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernest Buttner

U. S. Deputy Surveyor,

Under his Contract No. 128

Dated August 27th 1884

Survey commenced November 24. 1884

Survey completed November 24. 1884

NAMES AND DUTIES OF ASSISTANTS.

.....	*Compassman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Chainman.*
.....	*Axeman.*
.....	*Axeman.*
.....	*Flagman.*

BOOK

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with

Tp. line Tp. 30 S. R. 21 E. S. L. M.

Chs. Survey commenced November 24th 1884.
From cor. to Tps. 30 & 31 S. Rs. 20 & 21 E. I run
N. on a true line
along W. boundary sec. 31
Va. 15° 10' E.
Line runs along W. slope of a high hill.
Ascend.
14.00 Level.
23.00 Descend.
35.40 Level.
Hollow, course N.
Ascend.
40.00 Set a sandstone 24x18x16 ins. 16 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone alongside. Pits impracticable.
51.25 Descend.
59.20 Nearly level.
60.00 Set a sandstone 22x14x12 ins. 16 ins. in the ground for cor to secs. 25, 30, 31 & 36 marked with 1 notch on S. and

2 W. Tp. line Tp. 30 S. R. 21 E.

Chs. 5 notches on N. edges, dug pits 18×18×12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.
Line runs along steep slope of a high hill
80 lks. nearly level, soil sandy 3rd-rate.
Mountainous, soil rocky 4th rate on 79.20 chs.
Augmented on 79.20 chs.

N. on a true line along W. boundary sec. 30
Va. 15° 10' E.

1.50 Hollow, course E.
3.50 Ascend.
14.55 Enter a plateau covered with short sagebrush nearly level, a few trees.
40.00 Set a sandstone 16×15×4 ins. 10 ins. in the ground for ¼ sec. cor. marked '14 on W. face and raised

BOOK-A-205 418

Chs. a mound of stone alongside.
Pits impracticable.
41.00 Descend.
53.15 Enter white sage flat
80.00 Set a sandstone 22×18×14 ins. 16 ins. in the ground for cor. to secs. 24, 19, 25 & 30 marked with 2 notches on S. and 4 notches on N. edges, dug pits 18×18×12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside
Land, heavy rolling, soil sandy, in bottom 2nd rate, on plateau 3rd rate, Mountainous on 2 3.20 chs. soil sandy, 4th rate.

N. on a true line along W. boundary sec. 19
Va. 15° 10' E.
28.00 Leave flat, ascend over rocks.
37.50 Enter a nearly level plateau

4 W. Tp. line Tp. 30 S. R. 21 E.

Chs.

40.00 Set a sandstone 14×14×3 ins. 9 ins in the ground for ¼ sec. cor. marked ¼ on W. face, dug pits N. & S. 18×18×12 ins. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside

Line runs along W. edge of plateau

80.00 Set a sandstone 20×16×3 ins. 15 ins in the ground for cor. to secs. 13, 18, 19 & 24 marked with 3 notches on N. & S. edge and raised a mound of stone alongside. Pits impracticable

Land 9.50 chs. with soil rocky 4th rate

1st 28 chs. level bottom covered with white sage, soil 2nd rate.

Last 42.50 chs. covered with sagebrush, soil rocky, 3rd rate

Mountainous on 9.50 chs.

Augmented on 9.50 chs.

N. on a true line along W. boundary sec 18

V. 15°10' E.

24.00 Descend

34.15 Enter level bottom, slopes N.

BOOK-A-205 420

at a grade of 1½°
Enter grass & white sage.

40,00 Set a sandstone 18 x 10 x 4 ins 12 ins in the ground for ¼ sec Cor, marked ¼ on a face, dug pits 18 x 18 x 12 ins N & S. of stone 5½ ft dist, and raised a mound of earth along side.

40,50 Trail, course E & W, probably across Colorado river to "Henry" Mountains

80,00 Set a sandstone 28 x 14 x 8 ins 21 ins in the ground for Cor to Secs 12, 7, 18 & 13, Marked with 4 notches on S and 2 notches on N edges, dug pits 18 x 18 x 12 ins in each sec. 5½ ft dist, and raised a mound of earth 2 ft high 4½ ft base along side.

Mount Salomon, bears N. 51°30' E.
Land 1st 24 chs nearly level, soil rocky 3rd rate
45.85 chs. level, soil 2d rate, sandy
Mountainous on 10.15 chs.

N on a true line
along W boundary Sec 7.
Va 15°10' E

40,00 Set a sandstone 30 x 10 x 6 ins 22 ins

in the ground for 4 sec Cor mark
4 on the face. Aug pits 18 X 18 X 12 in
b & S of stone 5½ ft dist and raised
a mound of earth 1½ ft high 3½ ft base
along side.

80.00 for a sandstone 28 X 14 X 8 ins 21 ins in
the ground for Cor to secs 1, 6, 7 & 12.
Marked with 3 notches on S and 1 notch
on b edges. Aug 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
along side.
Land level soil 2nd rate, covered
with grass & white sage.

Non a true line
along W boundary sec 6.
Va 15° 10' E.

5.00 Ravine, Course W.
12.50 Foot of E side of sandstone knoll.
40 ft high.
23.00 The top of a round sandstone knoll
40 ft high.
29.50 Gulch, Course W.

BOOK-A-
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34.50 Pre
37.00 Top
38 ft
39.50 Bottom
40.00 Set a
ins,
¼ sec.
face,
stone a
43.44 Perpen
44.80 Deci
20 lk
48.10 Enter b
49.20 India
6 ins
58.50 E. edge
heads
59.00 Ascen
60.44 At fo
On to
sand
knoll
of rohi
font

Salt Lake Meridian

34.50 Precipice 34 ft high.
37.00 Top of sandstone knoll. 38 ft high. Descend.
39.50 Bottom of hollow, course N.W.
40.00 Set a sandstone 20×12×5 ins, 15 ins in ground for 1/4 sec. cor., marked 1/4 on W. face, and raised a mound of stone alongside. Pits impracticable.
43.44 Perpendicular precipice 61 ft high.
44.80 Descend. A moca house 20 lks W.
48.10 Enter bottom & dense high greasewood.
49.20 Indian Creek 40 lks wide 6 ins deep, course W.
58.50 E. edge of Indian Creek, course W. heads S.W.
59.00 Ascend
60.44 At foot of precipice 64 ft high On top of a round red sandstone knoll. Another knoll 60 ft high 1 ch. W on top of which there is a small fort with stone walls.

West Bdy T. 30 S. R. 21

Descend

62.60 In gulch course E. descend

69.40 Foot of sandstone knoll, 18 ft high.

72.00 A sandstone knoll 25 ft high

73.00 A sandstone knoll 40 ft high 20 lks W.

74.50 Ravine course E.

76.00 A sandstone knoll 138 ft high 40 lks W.

80.00 Set a sandstone 32 x 18 x 18 ins 24 ins in ground for cor. to Tps 29 & 30 S. Rs. 20 & 21 E., marked with 6 notches on each edge, and raised a mound of stone along side. Pits impracticable, from which

a piñon 12 ins diam bears S. 45° E. 9 lks dist marked T. 30 S. R. 21 E. S. 6. B. T.

No other trees within limits

From cor. to Tps 29 & 30 S. Rs. 20 & 21 E. the brown

point, a high brown sand stone cliff with many columns along top of same bears W.
Point of Junction of Grand and Green Rivers.
Land, level bottom
Soil, loam 1st rate on 10.90 chs.
Rest broken covered by large brown sandstone boulders, resting on pillars of soft clayish substance which is slowly crumbling away
Soil 4th rate.
Mountainous on 69.10 chs.

November 24th 1884.

General Description

The South and North parts of the line runs over debris of the upper plateau.
The waters which in ancient times covered Indian valley, did not remain long enough to level the whole.
South, S.W. and W. of south part of Sp. line it left columns and pillars on top of high hills 1000 feet high, on N. part it left huge sandstone boulders on top of soft earthly pillars in the shape of mushrooms.
There is an open flat in middle of line extending to about 6 miles.

Ernst Buettner
U. S. Deputy Surveyor

BOOK

U. S. SURVE

Salt La

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Township No.

Executed by

Under Contrac

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the said field

hereby approve

BOOK-A-205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13 *1885*

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

Township No. 39 South *Range No.* 24 East

Executed by Ernest Brettner

Under Contract No. 128 *of the* 29th

day of August *188*4*, in the month of* November *188*4*, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Frk Saladee

U. S. Surveyor General for Utah.

BOOK-

REPORT:

Filed

Examined by

Transcribed by

Compared by

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OF TH

Township No.

Range No.

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Under his

Dated

Survey comm

Survey comp

BOOK-A-205

REPORT: 428

Filed 188

Examined by .....

Transcribed by E. Michaelis

Compared by A. E. S., A. K.

FIELD NOTES

OF THE SURVEY OF THE

North

Boundary

OF

Township No. 30 South

Range No. 22 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Buettner

U. S. Deputy Surveyor,

Under his Contract No. 128

Dated August 27th 1884

Survey commenced November 20th 1884

Survey completed November 30th 1884

BOOK-A-205

Township 30 S R. 22 E.

437	436	434	433	432	430
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
387	385	384	383	381	380

Sixth Standard Parallel South

NAMES AND DUTIES OF ASSISTANTS.

.....*Compassman.*

.....*Chainman.*

.....*Chainman.*

.....*Chainman.*

.....*Chainman.*

.....*Axeman.*

.....*Axeman.*

.....*Flagman.*

BOOK
BK-205

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BOOK-A-205

N. Boundary Tp 30 S, R 22 E
of the Salt Lake Meridian

BK-205

Survey commenced November 20th 1884.
From the cor to Tps 29 & 30 S, Rs 21 & 22 E
I run E on a random line between
Tps 29 & 30 S. Var 15° 5' E
I set temporary half mile and mile
corners at every 40.00 and 80.00 chs
and find the Tp. line to be 5 miles
79 chs and 4 lks long and the
falling to be 54 lks S of the cor.
to Tps 29 & 30 S, Rs 22 & 23 E.
The correction therefor will be
9 lks N and 96 lks W per mile.
The course will be S 89° 57' W.

From the cor. to Tps 29 & 30 S, Rs 22 & 23 E
I run S 89° 57' W.
on a true line
between Secs 1 & 36.
Var. 15° 5' E.
In bottom of canon, covered with
dense undergrowth
0.70 Ravine course N E.
2.50 Ascend

N. Boundary Tp. 30 S R22 E.

Leave bottom and undergrowth
Enter timber
40.00 Set a sandstone 20 x 6 x 6 ins, 15 in
in the ground for 1/4 Sec. cor mark
1/4 on N face, and raised a moun
of stone alongside, from which
A piñon 12 ins diam. bears S69° W 15 lks
" " 16 " " " S77½ E 60 "
Both trees marked 1/4 S B T
42.00 Enter level plateau. Leave timber.
55.00 Enter dense high sagebrush.
75.00 Leave " " " . Enter
white sage and grass.
80.00 Set a cedar post 4 ft long, 4 ins sq
with marked stone 12 ins in the grou
for cor to Secs 1, 2, 35 & 36, marked
T 29 S. S 36 on N E.
R 22 E. S 1 on S E
S 2 on S W and
S 35 on N W faces with 1 notch on E and
5 notches on W. edges, dug pits
18 x 18 x 12 ins in each Sec 5½ feet dia
and raised a mound of earth 2 feet
high, 4½ feet base around post.
Land 1st 42.00 chs rolling.

of the Salt Lake Meridian

rest level.
Soil first 2.50 Chs 1st rate black loam on next 39.50 Chs
rocky 4th rate last 38.00 Chs 2nd rate, sandy
Heavy Timber on 39.50 Chs cedars & piñons
Dense undergrowth on 22.50 Chs.
Augmented on 62.00 chains.

S 89° 57' W. on True line
between Secs 2 & 35.
Va 15° 5' E

10.00 Enter dense high sage brush.
25.00 Descend. Leave dense sagebrush
Enter Timber.
~~37.50 Thence level.~~
~~Descend~~
40.00 for a sandstone 16 x 12 x 8 ins 10 ins in
the ground. for ¼ Sec Cor, marked ¼ on
N face. and raised a mound of
stone alongside. Pits impracticable.
A Piñon 12 ins diam bears N 48° W 20 lks dist.
Marked ¼ S.B.T.
~~41.00 Thence level~~
Wash. Course N heads S.W.
Ascend
61.95 Leave high timber
Enter level plateau, dense high

N. Boundary Tp 30 S. R 22 E

sage brush, dead timber and some scattering live trees.

80.00 Cor. a Sandstone 18 x 8 x 4 ins 12 ins in the ground for Cor to Secs 34. 35. 2 & 3 marked with 2 notches on E and 4 notches on W edges. Aug hits 18 x 18 x 12 ins in each Sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base along side. from which

A Pinon 14 ins chain bears N 39° W 94 lks dist

Marked T 29 S R 22 E S 34. B.T.

No other trees in limits

Land slightly rolling, soil mostly 2nd rate, some timber on 36.95 chs, cedars & piñons

Dense high sage brush on 15.00 chs.

Dense undergrowth, dead timber and scattering live timber on 18.03 chs.

Augmented on 70.00 chains

S 89° 57' W on true line between Secs 3 & 34.

Va 15° 5' E.

2.00 Leave dense undergrowth & dead timber Enter live timber.

7.00 Head of Hatch Canon course N. E.

36.50 Trail N & S. Leave timber. Enter white sage.

of the Salt Lake Meridian

40.00 Set a sandstone 14 x 12 x 9 ins 9 ins in the ground for ¼ Sec Cor Marked ¼ on N face, and raised a mound of stone alongside. Pits impracticable Ascend.

80.00 Set a sandstone 15 x 12 x 3 ins 10 ins in the ground for Cor to Secs 33.34.3 & 4. Marked with 3 notches on E & W edges. Dug pits in each sec. 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside.

Land sloping Easterly at a grade of 2°

Soil mostly 2nd rate, sandy Dense undergrowth and dead Timber on 200 chs.

Heavy Timber on 34.50 chs, cedars & piñons

Augmented on 36.50 chains.

S 89° 57' W on True line between Secs 4 & 33

Va 15° 5' E

18.70 Spur 10 ft high 70 lks wide of sandstone Cliff 100 ft high 1.50 chs. N.

27.00 Head of Cañon Course S.

N. Boundary Tp 30 S, R. 22 E

Ascend.

40.00 Set a sandstone 14 x 8 x 4 ins 9 ins in the ground for ¼ Sec Cor. Marked ¼ on N face, Aug pits 18 x 18 x 12 ins E & W of Stone 5½ ft dist, and raised a mound of earth 1½ ft high 3½ ft base alongside.

45.00 Thence level in short sage brush.

75.00 Descend.

80.00 Thence level.

Set a sandstone 18 x 16 x 3 ins 12 ins in the ground for Cor to Secs 32. 33. 4 & 5. Marked 4 notches on E and 2 notches on W edges. Aug pits 18 x 18 x 12 ins in each Sec. 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside.

Land slightly rolling, soil 2nd rate, covered with short sage brush, white sage and a few scattering Cedars

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of the Salt Lake Meridian

S 89°57' W on True line
between Secs 5 & 32
Va 15°5' E

9.50 Ravine, course S.E.
40.00 Set a sandstone 18 X 10 X 4 ins 12 ins in the ground for ¼ Sec Cor. marked ¼ on N face. dug pits 18 X 18 X 12 ins E & W of stone 5½ ft dist. and raised a mound of earth 1½ ft high 3½ ft base alongside.
Enter dense high sage brush.
46.00 Ravine course S.
Ascend mountains
61.00 ~~Thence level~~,
Descend
62.90 ~~Thence level~~ Leave dense undergrowth
Ravine, course S. thence uneven, rocky.
Enter timber.
73.00 Descend.
84.00 Set a sandstone 18 X 15 X 12 ins. 12 ins in the ground for Cor to Secs 31, 32, 5 & 6
Marked 5 notches on E & 1 notch on W. edges.
And raised a mound of stone alongside. Pits impracticable from which

N. Boundary Tp 30 S, R 22 E

A Pinon 15 ins diam bears N 19° W 22 lks di
Marked T 29 S, R 22 E S 31, B.T.
A Pinon 16 ins diam bears S 4½° E 19 lks di
Marked T 30 S, R 22 E S 5, B.T.
Land 1st 46.00 chs rolling, Soil 3rd rate
~~Rest~~ Mountainous on 34.00 chs, Soil 4th rate, ro
Dense undergrowth on 22.90 chs.
Heavy Timber on 17.10 chs, cedars & pin
Augmented on 40.00 chains

S 89° 57' W. on True line
between Secs 6 & 31
Va 15° 5' E

1.00 Ravine, Course S.
15.00 Descend Leave heavy timber
Head of Deep cañon, Course N.W.
Thence nearly level, over heavy boulders.
36.00 Descend.
Enter heavy timber
40.00 Set a Sandstone 16 x 14 x 3 ins 10 ins in
the ground for ¼ Sec Cor. Marked ¼ on
N face, and raised a mound of Stone
alongside. Pits impracticable, from whic
A Pinon 10 ins diam bears N 16° E 204 lks dis
Marked ¼ S, B.T. no other trees in limi
43.80 At edge of precipice About 300 ft

of the Salt Lake Meridian

deep.

Indian Valley below.

Build at this point a rock monument and set permanent Flag.

Descend into Valley.

From Cor to Tps 29 & 30 S. Rs 21 & 22 E the flag bears N 89° 57' E.

Thence I run on an offset line S. 3' E. 20.00 chs from which point the flag bears N 60° 28' E which gives for distance between Tp Cor and flag 35 chs. ~~22½~~ 24 lks.

I now run from Tp Cor N 89° 57' E

6.00 Descend 12° 6 chs over heavy rocks.

Enter grass flat.

11.00 Dry wash. Course S.W. heads N. 10° E. in deep cañon, which ½ mile above branches N. & N.E. In the latter about ¼ mile further there is a fine spring, and the sand furnishes an easy way to reach the upper Plateau. Enter heavy timber

23.00 Ascend.

35.24 At foot of precipice below flag.

Total line 79.04 chs.

Land Mountainous on 74.04 chs

N. Boundary Tp 30 S, R 22 E
of the Salt Lake Meridian

Soil rocky, 4th class
Land 15.00 chs level valley soil 2nd rate,
Timber on 43.04 chs.

Augmented on 74.04 chains.
November 20th 1884

General Description.
This line runs over a plateau covered with many groves of Cedars and Pinons, and considerable high sage brush.
Tp 30 S. R. 22. E. is intersected from S.E. to N.W. by a deep, inaccessible cañon.
The plateau on both sides however furnishes good winter pasture for cattle.

E. Buettner
U. S. Dep. Surveyor

BK-205

U. S. SURV

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Township No.

Executed by

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the said field

hereby approv

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13, 1885.

The foregoing field notes of the survey of the North Boundary

Township No. 30 South *Range No.* 22 East

Executed by Ernest Buettner

Under Contract No. 128 *of the* 29th

day of August 1884, *in the month of*

November 1884, *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.

BK-205

BK-205

REPORT :

Filed

Examined by

Transcribed by

Compared by

R

OF T

Township No.

Range No.

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BK-205

REPORT: 442

Filed 188

Examined by .....

Transcribed by H. Atkinson

Compared by C. J. & H. A.

FIELD NOTES

OF THE SURVEY OF THE

West Boundary

OF

Township No. 30 South

Range No. 22 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Huettner

U. S. Deputy Surveyor,

Under his Contract No. 128

Dated August 20th 1884

Survey commenced November 19th 1884

Survey completed November 20th 1884

NAMES AND DUTIES OF ASSISTANTS.

..... *Compassman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Axeman.*

..... *Axeman.*

..... *Flagman.*

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West Boundary Tp. 30 S. R. 22 E. S. L. M. 1

Chs. Survey commenced November 19th 1884.
The line runs over a level plateau covered with some groves of cedars and piñons but mostly with white sage and grass, and is an excellent pasture. It is inaccessible from the N., S. and W. sides.
I run from cor. to Tps. 30 x 31 S. Rs. 21 x 22 E.
N. on a true line bet. secs. 31 x 36
Va. 15° E.
Line runs on level plateau in white sage and grass.
40.00 Set a sandstone 15 x 9 x 7 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N. x S. of stone 5 1/2 ft. dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside
57.00 Enter timber and dense

2 West Boundary Tp. 30 S. R. 22 E

Chs. undergrowth.
72.00 Timber scattering, dense undergrow
80.00 Set a sandstone 16 x 10 x 4 in
11 ins. in the ground for cor. to
secs. 25, 30, 31 x 36, marked
with 1 notch on S. and 5
notches on N. edges dug pits
in each sec. 5½ ft. dist. and
raised a mound of earth
2 ft. high 4½ ft. bas alongs id
A cedar 14 ins. diam bears
N. 15° E. 74 lks. dist, marked
T. 30 S. R. 22 E. S. 30 B. T.
A piñon 8 ins. diam bears
S. 53° W. 185 lks. dist. marked
T. 30 S. R. 21 E. S. 36 B. T.
Land level, soil sandy
2nd rate.
Heavy timber on 5.00 chs
Scattering timber and dense
high undergrowth on 13.00 ch

N. on true line
bet. secs. 25 & 30.

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Chs. Va. 15° E.

23.00 Leave undergrowth and scattering timber
Enter grass plateau.

40.00 Set a sandstone 15 x 10 x 9 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside

80.00 Set a pinon post 4 ft. long 4 ins. square with marked stone 12 ins. in the ground for cor. to secs. 24, 19, 30 & 25 marked
T. 30 S. S. 19 on N. E.
R. 22 E. S. 30 " S. E.
S. 25 " S. W. and
S. 24 " N. W. faces
with 2 notches on S. and 4 notches on N. edges, dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and raised

4 West Boundary Tp. 30 S. R. 22 E.

Chs. a mound of earth 2 ft. high 4½ ft. base around post. Land level, soil sandy 2nd rate. Scattering timber and dense high sagebrush on 23.00 ch

N. on a true line bet. secs. 24 & 19
Va. 15° E.

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

71.00 Enter timber.

80.00 Head of cañon, course N. E. Set a sandstone 16 x 10 x 6 ins. 11 ins. in the ground for cor to secs 24, 19, 18 & 13 marked with

Chs. 3 notches on N. & S. edges and raised a mound of stone alongside.
A cedar 15 ins. diam. bro. S. 48° W. 20 lks. dist. marked T. 30 S. R. 21 E. S. 24 B. T.
A cedar 10 ins. diam. bears N. 26° W. 57 lks. dist. marked T. 30 S. R. 21 E. S. 13 B. T.
A cedar 18 ins. diam. bears N. 47° E. 32 lks. dist. marked T. 30 S. R. 22 E. S. 18 B. T.
A piñon 12 ins. diam bears S. 54½° E. 115 lks. dist. marked T. 30 S. R. 22 E. S. 19 B. T.
Land level, soil 1st 71.00 chs. 2nd rate, last 9.00 chs. rocky soil 3rd rate.
Heavy timber cedars on last 9.00 chs.
Rest grass and white sage with some brush.
Augmented on 9.00 chs.

6 West Boundary Tp. 30 S. R. 22 E.

Chs. N. on a true line bet. secs. 13 & 18 Va. 15° E.

15.00 Leave timber, enter short sage brush, mixed with grass and white sage.

40.00 Set a sandstone 14 × 10 × 4 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face dug pits N. and S. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

65.00 Enter timber.

68.00 Leave timber.

80.00 Set a sandstone 22 × 10 × 4 ins. 16 ins. in the ground for cor. to secs. 12, 7, 18 & 13 marked with 4 notches on S. and 2 notches on N. edges, dug pits 18 × 18 × 12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside.

Land level, soil sandy 2nd rate

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Chs. Heavy timber on 18.00 chs.
Short sagebrush, white sage and grass on remainder
Augmented on 18.00 chs.

N. on a true line
bet. secs. 12 & 7.
Va. 15° E.

40.00 Set a sandstone 12 x 12 x 4 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face dug pits 18 x 18 x 12 ins. N. & S. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

75.50 Enter timber.
Descend.

79.00 Thence level.

80.00 Set a sandstone 24 x 15 x 10 ins. 13 ins. in the ground for cor. to secs. 1, 6, 7 & 12 marked with 5 notches on S. and 1 notch on N. edges and

8. West Boundary Tp. 30 S. R 22 E

Chs. raised a mound of stone alongside.
A piñon 8 ins. diam. bears
S. 54° E. 13 lks dist. marked
T. 30 S. R. 22 E. S. 7 B. T.
A cedar 12 ins. diam bears
S. 23° W. 84 lks. dist. marked
T. 30 S. R. 21 E. S. 12 B. T.
A. cedar 10 ins. diam bears
N. 58¼° W. 103 lks. dist. mark
T. 30 S. R. 21 E. S. 1 B. T.
A cedar 20 ins. diam. bears
N. 72¼° E. 154 lks. dist. mark
T. 30 S. R. 22 E. S. 6 B. T.
Land nearly level, soil sandy 2nd rate.
Timber on 4.50 chs.
November 19th 1884.

N. on a true line
bet. secs. 1 & 6
Va. 15° E.

10.18 Precipice about 350 ft. deep
Build rock monument

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Chs. and set permanent flag.
Valley below.
Enter Indian Valley, by trail in cañon running N.W. from ¼ mile S. of cor. to Tps. 29 & 30 S. Rs. 21 & 22 E.
Set instrument at a point in valley N. of flag on line, on plateau above bet. Tps. 29 & 30 S. Rs. 21 & 22 E.
I here on the night of November 19th 1884
take an observation on the Star Polaris with Stackpole Theodolite No. 1734.
Survey commenced
November 20th 1884.
Va. 15° 05' E.
Thence I run E. on offset line 20.00 chs. from which point the flag on top of plateau bears S. 37° 7' W. which gives for distance from same to point of offset:

10 West Boundary Tp. 30 S. R 22 E.

Chs. 26 chs. 43 lks.
Return to point in line and run S. 18.00 chs. to foot of slope, ascend 41°.
29.17 Perpendicular precipice and flag.
Thence N. on a true line.
36.61 Point for offset.
Descend.
40.00 Set a sandstone 16×14×3 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face dug pits 18×18×12 ins. N. & S. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.
47.00 Level.
49.40 Trail course E & W.
56.50 Dry wash, course W.
68.50 Wash, course S.W.
A few cedars along wash.
Ascend.
70.50 Level.
74.00 Ascend in heavy rocks.

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Chs.
80.00 On rocky slope N. side of valley.
Set a sandstone 40×16×13 ins. 30 ins. in solid rock foundation for cor. to Tps. 29 & 30 S. Rs. 21 & 22 E. marked with 6 notches on each edge and raised a mound of stone alongside.
Pits impracticable.
Land 1st 10.18 chs. level, soil 1st rate, remainder mountainous, soil 2nd rate, remainder rocky 4th rate.
Mountainous on 69.82 chs.
November 20th 1884.

General Description.

The first 5 miles of the above line run over level plateau covered with groves of cedar and piñon, grass

12 West Boundary Tp. 30 S. R 22 E.

and white sage parks, being excellent cattle pasture. The last mile crosses a deep cañon, with some level ground in bottom without water.

Ernst Buettner

U. S. Dep. Surveyor

BK-205

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13th 1885

The foregoing field notes of the survey of the West Boundary

Township No. 30 South *Range No.* 22 East

Executed by Ernst Buttner

Under Contract No. 128 *of the* 27th

day of August 1884, *in the month of* November 1884, *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.

BK-205

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BK-205

REPORT: 1

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Examined by

Transcribed by

Compared by

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Township No. 3

Range No. 2

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BK-205

REPORT: 458

Filed 188

Examined by .....

Transcribed by H Atkinson

Compared by Solomon J Atkinson

FIELD NOTES

OF THE SURVEY OF THE

North Boundary

OF

Township No. 30 South

Range No. 23 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Buettner

U. S. Deputy Surveyor,

Under his Contract No. 128

Dated August 20th 1884

Survey commenced November 17th 1884

Survey completed November 17th 1884

BK-205 459

NAMES AND DUTIES OF ASSISTANTS.

	Compassman.
	Chainman.
	Chainman.
	Chainman.
	Chainman.
	Axeman.
	Axeman.
	Flagman.

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N. Tp. line Tp. 30 S. R. 23 E. 1

Chs. Survey commenced November 17th 1884.
On account of high cliffs intersected by deep gulches and cañons in N. Eastern part of this Tp. which render it impossible to make connection with the Colorado Meridian, I run from cor. to Tps. 29 & 30 S. Rs 22 & 23 E.
E. on a true line bet. secs. 6 & 31
Va. 15° E.
Line run on level bottom of cañon, covered with dense undergrowth.
8.24 At foot of precipice perpendicular 54 lks. high.
Leave bottom and brush.
Ascend.
In scattering timber.
10.55 Thence level.
14.10 Enter nearly level plateau grass and white sage.
40.00 Set a sandstone 15 x 12 x 3 ins.

2. N. Tp. line Tp. 30 S. R. 23 E

Chs. 10 ins. in the ground for 1/4 sec. cor, marked 1/4 on N face, dug pits 18×18×12 ins. E & W. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside

80.00 Set a sandstone 22×14×3 ins 16 ins. in the ground for cor. to secs. 31, 32, 5 & 6, marked 1 notch on W. and 5 notches on E. edges, dug pits 18×18×12 ins. in each sec., 5 1/2 ft dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside.

Land 1st 8.24 chs. level soil sandy, 1st rate.

Next 5.86 chs. mountainous, rocky, soil 4th rate

Last 64.90 chs. nearly level soil 2nd rate.

Mountainous on 5.86 chs.

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BOOK-A-205 462

Chs. E. on a true line
bet. secs. 32 & 5
Va. 15° E.

3.00 Descend. Enter dense sage brush.

6.50 Perpendicular precipice 34 lks. deep.
Enter level bottom with dense greasewood brush.

9.40 Trail, course N.E.

10.50 Wash, " " "

13.20 Leave bottom and dense greasewood brush.
Ascend precipice 18 ft. high.
Enter timber

21.40 Thence nearly level.
Leave timber.
Enter short sage brush.

40.00 Set a sandstone 14x9x7 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18x18x12 ins. E & W. of stone 5 1/2 ft. dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base

4 N. Tp. line Tp. 30 S. R. 23 E.

Chs. alongside.
72.00 Descend.
80.00 Set a sand stone 18 x 15 x 12 in
12 ins. in the ground for co
to secs. 32, 33 4 & 5, marked
with 2 notches on W. and
4 notches on E. edges, dug
pits 18 x 18 x 12 ins. in each sec.
5½ ft. dist. and raised a
mound of earth 2 ft. high
4½ ft. base alongside.
Land rolling, soil sandy
2nd & 3rd rate.
Heavy timber on 8.20 chs
Dense undergrowth on
20.20 chs.
Augmented on 28.40 chs.

E. on a true line
bet. secs. 33 & 4
Va. 15° E.
Descend.
6.50 Enter timber.
9.70 Precipice 39 ft. deep.

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Chs. Leave timber, enter bottom of Hudson Wash with dense high greasewood brush.
12.50 Trail, course N. W.
14.50 Wash with creek 1 ft. wide 3 ins. deep course N. W.
16.85 At foot of precipice 42 ft. high.
Leave bottom and dense greasewood. Enter timber
Ascend.
35.30 Leave timber.
Enter grass and white sage flat.
40.00 Set a cedar post 3 ft. long 3 ins. square with marked stone 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on N. face, dug pits 18 x 18 x 12 ins. E. & W. of post, 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft high 3 1/2 ft. base around post
52.00 At high sandstone cliff 15 lks. N. of line.

6. N. Tp. line Tp. 30 S. R. 23 E.

Chs.

80.00 Set a cedar post 4 ft. long 4 ins. square with marked stone 12 ins. in the ground for cor. to secs. 33, 34, 3 & 4 marked

T. 29 S. S. 34 on N. E.
R. 22 E. S. 3 " S. E.
S. 4 " S. W.
and S. 33 " N. W.

with 3 notches on E & W. edges, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base around post. Land 28.80 chs. mountainous rocky soil 4th rate.

Rest nearly level, soil 2nd rate.

Heavy timber on 21.65 chs.

Dense undergrowth on 7.15 chs.

Augmented on 28.80 chs.

Chs.

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Chs. E. on a true line
bet. secs. 34 & 3
Va. 15° E.

40.00 Set a cedar post 3 ft. long 3 ins. square with marked stone 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on N. face, dug pits 18x18 x 12 ins. E & W. of post 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base around post.

44.00 Enter dense high sage brush.

At sandstone cliff, about 400 ft. high, 15 chs. N. of line.

72.00 E. end of same 12.00 chs. N.

74.00 Wagon road from Little Grand River Valley to Bluff City, course N. & S.

80.00 Set a cedar post 4 ft. long 4 ins. square with marked stone 12 ins. in the ground for cor. to secs. 34, 35, 2 & 3, marked with 4 notches on W. and 2 notches on E. edges, marked:

8 N. Tp. line Tp. 30 S. R. 23 E.

T. 29 S. S. 35 on N. E.
R. 23 E. S. 2 " S. E.
S. 3 " S. W.
and S. 34 " N. W.
faces, dug pits 18×18×12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base around post.
Land nearly level.
Soil sandy 2nd rate
Dense high sage brush on 36.00 chs.

Note:
As inaccessible sandstone cliffs 400 ft. high will obstruct my survey in less than 4000 chs. I abandon the line furthe West.

November 27th 1884

BOOK-A-205

General Description.

The line runs over rolling ground, intersected by cañons, the bottoms of which are level and have good soil, but very little water. The remainder is covered with sagebrush, some cedars and piñons, white sage and grass.

Ernst Buettner

U. S. Dep. Surveyor.

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N. Tp. line Tp. 30 S. R. 23 E.

BOOK-A-20

U. S. SURVEYO

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Township No. 3

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BOOK-A-205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13th 1885

The foregoing field notes of the survey of the

North Boundary

Township No. 30 South *Range No.* 23 East

Executed by Ernst Buettner

Under Contract No. 128 *of the* 27th

day of August 1884, *in the month of*

November 1884, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A-20

REPORT: [illegible]

Filed

Examined by

Transcribed by [illegible]

Compared by [illegible]

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OF THE

West

Township No. 30

Range No. 23

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BOOK-A-205

REPORT: 472

Filed 188

Examined by .....

Transcribed by H Atkinson

Compared by Salomon & Atkinson

FIELD NOTES

OF THE SURVEY OF THE

West Boundary

OF

Township No. 30 South

Range No. 23 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Buettner

U. S. Deputy Surveyor,

Under his Contract No. 128

Dated August 27th 1884

Survey commenced November 15th 1884

Survey completed November 15th 1884

NAMES AND DUTIES OF ASSISTANTS.

..... *Compassman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Axeman.*

..... *Axeman.*

..... *Flagman.*

Bound. Tp. 30 S. R. 23 E. S.L.M. 1

Chs. On the night of November 14th 1884 I took an observation on Star Polaris from cor. to Tps. 30 & 31 S. Rs. 22 & 23 E. with Blackpole Theodolite Nr. 1734.

Survey commenced November 15th 1884.

From above Tp. cor I run N. on a true line bet. secs. 36 & 31 Va. 15° E.

Line runs on a level plateau raising at a grade of 1½° towards N.

In dense high sage brush.

8.00 Enter timber.

22.00 Ravine, course S.W.

35.00 Leave timber, continue in dense undergrowth.

40.00 Set a sandstone 18 x 8 x 3 ins. 12 ins. in the ground for ¼ sec. cor. marked ¼ on W. face, dug pits 18 x 18 x 12 ins. N. & S. of

2. West Boundary Tp. 30 S. R. 23

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

80.00 Set a sand stone 18 x 16 x 2 in 12 ins. in the ground for cor to secs. 25, 30, 31 & 36, mark with 1 notch on S. and 5 notches on N. edges, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base alongside.

Land level, soil sandy, 2nd rate.

Heavy timber and dense undergrowth on 7.00 chs

Dense undergrowth on 73.00 chs.

Augmented on 80.00 chs

N. on a true line bet. secs. 25 & 30

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Chs. Va. 15° E.

8.00 6.00 chs. N. foot of nearly perpendicular sandstone cliff, cause a flag to be set on top of cliff and at edge of same offset E. 5.00 chs. from which point the flag bears N. 55° 25' W. which gives for distance 7.25 chs.

15.25 On top of cliff 180 ft. high E. & W.

Enter timber, thence nearly level. Leave dense undergrowth.

40.00 Set a sandstone 14 x 10 x 9 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone alongside, from which

A cedar 14 ins. diam. brs. ~~S. 4° E.~~ N. 12° W. 108 lks. dist.

A piñon 8 ins. diam. bears S. 4° E. 92 lks. dist.

both trees marked 1/4 S. B. T.

4 West Bound. Tp. 30 S. R 23 E.

Chs. W. edge of cliff 3 chs. W. E. edge about 10 chs. E.

47.00 1.00 ch. E. of W. edge. The head of a deep gulch, course W.

80.00 Set a sandstone 16 x 10 x 3 ins. 11 ins. in the ground for cor. to secs. 24, 19, 30 & 25 marked 2 notches on S. and 4 notches on N. edge and raised a mound of stone alongside, from which A cedar 18 ins. diam bears S. 16° W. 20 lks. dist. marked T. 30 S. R. 22 E. S. 25 B.T. A cedar 10 ins. diam bears N. 27° W. 18 lks. dist. marked T. 30 S. R. 22 E. S. 24 B.T. A piñon 9 ins. diam bears S. 88° E. 34 lks. dist. marked T. 30 S. R 23 E. B.T.

Land 1st 14.00 chs. level, soil sandy 2nd rate.

Last 64.75 chs. nearly level soil sandy 3rd rate

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80.00 Set

chs. Dense undergrowth on 15.25 chs.
Heavy timber, cedars and
pinons on 64.75 chs.
Augmented on 80.00 chs.

N. on a true line
bet. secs. 19 & 24
Va. 15° E.

25.00 Leave timber, enter dense
high sage brush.

40.00 Set a sandstone 14x10x3 ins.
9 ins. in the ground for
1/4 sec. cor. marked 1/4 on
W. face, dug pits 18x18x12 ins.
N. & S. of stone 5½ ft. dist.
and raised a mound of earth
1½ ft. high 3½ ft. base along-
side.

45.00 Enter timber, leave dense
sage brush.

55.00 Ravine, course E.

62.50 Ravine, course E.

68.00 Leave timber, enter dense sage brush.

80.00 Set a sandstone 18x8x3 ins.

6 West Bound. Tp. 30 S. R. 23 E.

Cho. 12 ins. in the ground for cor. to secs. 13, 18, 19 & 24 marked with 3 notches on N. & S. edges dug pits 18×18×12 ins. in each sec. 5½ ft. dist. and raised a mound of earth alongside 2 ft high 4½ ft. base. Land broken, rocky, soil 4th rate.
Heavy timber on 48.00 chs.
Dense undergrowth on 32.00 chs.
Augmented on 80.00 chs.

N. on a true line bet. secs 13 & 18 Va. 15° E.

5.50 Deep gulch, course E. 2.00 chs. E. the East edge of cliff. Enter scattering timber with dense undergrowth.

40.00 Set a sandstone 14×12×3 ins. 8 ins. in the ground for ¼ sec. cor. marked ¼ on W. face

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Chs. and raised a mound of stone alongside.
Pits impracticable.
62.64 N. edge of cliff. Perpendicular precipice 153 ft. deep.
Thence descend in timber.
64.20 In deep ravine, course N.W. 5.00 chs.
Thence North.
Thence nearly level.
69.00 Leave timber, enter white sage and grass.
80.00 Set a sandstone 18 x 14 x 2 ins. 12 ins. in the ground for cor. to secs. 12, 7, 18 & 13, marked with 4 notches on S. and 2 notches on N. edges, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft base alongside
Land on top of cliff rocky, broken, soil sandy 4th rate.
East 15.46 chs. level, soil 2nd rate.

8 West Bound. Tp. 30 S. R 23 E.

Chs. Heavy timber on 6.36 chs.
Scattering timber with
dense undergrowth on
57.14 chs.
Augmented on 63.50 chs.

N. on a true line
bet. secs. 12 & 7.
Va. 15° E.

1.00 Ravine, course N. W.

40.00 Set a cedar post 3 ft. long
3 ins. square with marked
stone 12 ins. in the ground
for 1/4 sec. cor. marked 1/4 S.
on W. face, dug pits 18 x 18
x 12 ins. N. and S. of post
5 1/2 ft. dist. and raised a
mound of earth 1 1/2 ft. high
3 1/2 ft. base around post.

80.00 Set a cedar post 4 ft. long
4 ins. square with marked
stone 12 ins. in the ground
for cor. to secs. 1, 6, 7 & 12,
marked:

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Chs. T. 30 S. S. 6 on N. E.
R. 23 E. S. 7 " S. E.
S. 12 " S. W.
and S. 1 " N. W. face
and 1 notch on N and
5 notches on S. edges, dug
pits 18 x 18 x 12 ins. in each sec.
5 1/2 ft. dist. and raised a
mound of earth 2 ft. high
4 1/2 ft. base around post.
Land level, soil sandy
2nd rate
Grass and white sage.
Some high sage brush.

N. on a true line
bet. secs. 1 & 6.
Va. 15° E.

35.00 Descend.

40.00 Set a sandstone 18 x 10 x 3
ins. 12 ins. in the ground for
1/4 sec. cor. marked 1/4 on
W. face, dug pits 18 x 18 x 12 ins.
N. and S. of stone 5 1/2 ft. dist.

10. W. Bound. Tps. 30 S. R. 23 E.

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

45.00 Thence level.

Ravine, course W.

71.00 Descend.

72.30 Precipice perpendicular 49 lks.

Enter bottom of cañon, course N. E.

Dense undergrowth.

80.00 Set a sandstone 30×10×6 ins. 22 ins. in the ground for cor. to Tps. 29 & 30 S. Rs. 22 & 23 E., marked with 6 notches on each edge, dug pits 24×18×12 ins. lengthwise on each line N. S. E. & W of stone, 6 ft. dist. and raised a mound of earth 2½ ft. high 5 ft. base alongside.

Land 1st 35.00 chs. level

Soil sandy 2nd rate.

Last 7.31 chs. level bottom, soil sandy, 1st rate,

BK-205

rest rolling, rocky, soil 3rd rate.
Dense undergrowth on last 7.70 chs.
November 15th 1884.

General Description.
The line runs over a nearly level plateau intercepted by a sandstone cliff nearly 3 miles long and about 3/4 of a mile wide E. & W. The top of this cliff is nearly level and covered mostly with cedars and piñons and sage brush.
The ground below is covered richly with white sage and grass making excellent pasture.

Ernst Rizettner
U. S. Dep Surveyor.

U. S. SURVEY

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BOOK-A-205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13th 1884

The foregoing field notes of the survey of the West Boundary

Township No. 30 South *Range No.* 23 East

Executed by Ernst Buettner

Under Contract No. 128 *of the* 20th

day of August 1884, *in the month of*

November 1884, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-A

REPORT: A

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Examined by

Transcribed by

Compared by

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BOOK-A-205

REPORT: 488

Filed 188

Examined by .....

Transcribed by E. Michaelis

Compared by C. E. D. Clark

FIELD NOTES

OF THE SURVEY OF THE

Colorado Guide Meridian

OF

Township No. 30 South between

Ranges No. 23 and 24 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernest Buettner

U. S. Deputy Surveyor,

Under his Contract No. 128

Dated August 27th 1884.

Survey commenced November 10. 1884

Survey completed November 10. 1884

..... *Compassman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Axeman.*

..... *Axeman.*

..... *Flagman.*

BOOK-A

Colorado
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star I
30 & 31
Instr
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Surv

From
North
bet

Desc
11.00 Ente
grea
15.00 Train
16.50 Leave
Asce
22.50. Ente
40.00 Set sa
in gro
1/4 on
N. & S.

BOOK-A-205

Colorado Principal Meridian
Tps. 30 S. Rs. 23 & 24 East.

On the night of November 9th 1884 — I took an observation on the star Polaris over the cor. to Tps 30 & 31 S. Rs. 23 & 24 E. Instrument used a Stackpole Theodolite No. 1734.

Survey commenced November 10th 1884 From above cor. Run North on a true line betw secs. 36 & 31. Va. 15° E.

Ascend.

11.00 Enter level bottom of dense greasewood.

15.00 Trail & wash course N. 65° E

16.50 Leave bottom & brush.

Ascend

22.50. Enter level of dense sagebrush.

40.00 Set sandstone 14x12x5 ins, 10 ins in ground for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18x18x12 ins N. & S. of stone 5 1/2 ft dist.

Colorado Guide Meridian
Tp. 30 S. 22, 23 E. & 24 E.

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

44.00. Wash course E.
Leave dense undergrowth
Enter timber.

74.00. Leave timber.

80.00 Set sandstone 16x14x8 ins 11 in ground for cor. to secs. 25. 30 36 & 31. marked with 1 notch on S. & 5 on N. edges, dug pits 18x18x12 ins in each sec. 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside.
Land, rolling
Soil in bottom 2d rate
rest, rocky 3d rate
Heavy timber, cedars & pinon on 30.00 chs
Dense undergrowth on 27.00 chs
Augmented on 57.00 chs

BOOK-A-2

Sacs La

North

2.00 Desc
6.00 Level
Enter
27.50 Wash
40.00 Set s
groun
¼ on
N. & S. o
raise
1½ ft
along
41.60. Perpe
bluff
Leave
under
Enter
61.50 Desc
65.00 Enter
dense
66.50 Trai
72.00 A prec
78.00 Hudson

San Luis Meridian.

North on a true line betw sec. 25 & 30
Va. 15° E

2.00 Descend.
6.00 Level bottom
Enter dense undergrowth
27.50 Wash course E
40.00 Set sandstone 18x12x6 ins, 12 ins
ground for 1/4 sec. cor. marked
1/4 on W. face, dug pits 18x18x12 ins
N. & S. of stone 5 1/2 ft dist, and
raised a mound of earth
1 1/2 ft high, 3 1/2 ft base
alongside.
41.60 Perpendicular sandstone
bluff 53 ft high.
Leave bottom and dense
undergrowth.
Enter grass & white sage flat
61.50 Descend
65.00 Enter level bottom and
dense brush
66.50 Trail course Ex W.
72.00 A precipice 18 ft deep. course W. & S.
78.00 Hudson wash course N.W. 70 lks wide

Colorado Guide Meridian
Tp. 30 S. R. 23 East & 24 East

80.00 Set sandstone 15x10x3 ins, 10 ins
ground for cor. to secs. 24. 19. 25 &
marked with 2 notches on S.
and 4 on N. edges, dug pits
18x18x12 ins in each sec. 5½
dist, and raised a mound
of earth 2 ft high 4½ ft base
alongside.
Land, rolling
Soil, sandy 2d rate
Dense undergrowth on 50.60

BOOK-A

Colora
Tp.

North

11.50 Leave
Enter
27.00 Wash
Enter
39.80 Wagon
river
course
40.00 Set s
in gro
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N. & S. o
and
1½ ft
44.00 Ent
Leave
69.00 Ascen
Enter
and
75.50 Ente
80.00 Set
26 ins

Colorado Guide Meridian
Tp. 30. S. betw. Rs. 23 & 24 W.

North on a true line betw.
secs. 24 & 19,
Va. 15° E.

11.50 Leave dense brush.
Enter white sage & grass.
27.00 Wash course W.
Enter dense brush.
39.80 Wagon road from Little Grand
river valley to Bluff City.
course N.W. & S.E.
40.00 Set sandstone 15 x 9 x 3 ins, 10 ins
in ground for 1/4 sec. cor., marked
1/4 on W. face, dug pits 18 x 18 x 12 ins
N. & S. of stone 5 1/2 ft deep
and raised mound of earth
1 1/2 ft high 3 1/2 ft base alongside.
44.00 Enter grass.
Leave dense undergrowth
69.00 Ascend.
Enter dense undergrowth
and timber.
75.50 Enter level with grass.
80.00 Set sandstone 34 x 6 x 3 ins.
26 ins in ground for cor. to secs.

Colorado Guide Meridian

13.18.19 & 24. marked with
3 notches on N & S edges, dug
pits 18x18x12 ins in each sec
5½ ft dist and raised
a mound of earth 2 ft high
4½ ft base alongside
Land, nearly level
Soil, 2d rate, sandy
Dense undergrowth on 28.00
Heavy timber and dense
undergrowth on 6.50
Augmented on 35.00 chs.

North on true line between
secs. 13 & 18.
Va. 15° E

5.00. Descends
Leave dense undergrowth
6.70
15.00 Enter timber
20.00 Hollow, course S. 70° W
Ascends
23.00 Descends
Leave timber

BOOK-A-
Sp. 30 S.

24.50 Ra
Asce
40.00 Set
12 in
mark
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5½ f
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3½ f
53.70 Foot
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62.00 2.50 c
S. 1. 2
then
Desc
80.00 Set
secs. 12
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a mo
base

Sp. 30 S. betw. Rp. 23 & 24 S.

24.50 Ravine course SW.
Ascend gradually.
40.00 Set sandstone 18x10x4 ins.
12 ins in ground for 1/4 sec. cors
marked 1/4 on W. face, dug
pits 18x18x12 ins N. & S. of stone
5½ ft dist, and raised a
mound of earth 1½ ft high
3½ ft base alongside
53.50 Foot of sandstone Knoll 80 ft
high.
Take an offset E. 2.50 chs.
thence N. 8.30 chs., thence W.
62.00 2.50 chs. back to the line
S. 1.28 chs. N. side of bluff,
thence N.
Descend gradually in timber
80.00 Set a sandstone 20x12x4 ins, 15 ins in ground for cor. to
sec. 12. 7. 18 & 13, marked with
4 notches on S. & 2 on N. edges
dug pits 18x18x12 ins in each
sec. 5½ ft dist. and raised
a mound of earth 2 ft high 4½ ft
base alongside, from which

Colorado Guide Meridian

a piñon 12" dia. brs. S. 2° W. 90 lks dia
marked T. 30 S. R. 23 E. S. 12. B. T.
a cedar 8" diam. brs. N. 59½ W. 47 lks
marked T. 30 S. R. 23 E. S. 12. B. T.
Son other trees within limits
Land, rolling
Soil, sandy 2d rate
Heavy timber cedars & piñons on 34.30 chs
Dense undergrowth on first
5.00 chains
Augmented on 39.30 chains

North on true line betw secs 12 & 7
Va. 15° E.
2.00 Leave timber!
8.00 Descend gradually
15.00 Enter white sage flat
32.00 Trail E & W.
40.00 Set sandstone 15 x 14 x 4 ins
10 ins in ground for ¼ sec. cor
~~marked ¼ sec. cor~~, marked
¼ on W. face, dug pits 18 x 18
x 12 ins N. & S. of stone 5½
ft dist, and raised a mound

Sp. 30 S. betw. Rs. 23 & 24 E. each.

of earth 1½ ft high, 3½ ft base alongside.

43.00 Ascend gradually.

50.00 Enter timber.

72.00 Ravine course S. 70° W. Leave timber. Enter dense undergrowth.

80.00 Set sandstone 20 x 15 x 4 ins, 15 ins in ground for cor. to sec. 1. 6. 7 & 12. marked with 5 notches on S. & 1. on N. edges, dug pits 18 x 18 x 12 ins in each sec. 5½ ft dist. and raised a mound of earth 2 ft high 4½ ft base alongside.

Land, slightly rolling.

Soil, sandy 2d class.

Heavy timber, cedars on 24 chs

Dense undergrowth on 8.00 chs

Augmented on 32.00 chs.

Note. As impassable mountains will debar my survey further North in less than 40.00 chs I abandon the line here.

November 10th 1884.

General Description

The line runs over rolling land well covered with grass and white sage and used as a winter range by stockmen.
There are some cedars and pinons.
The surface is dotted with isolated high sandstone cliffs probably the remainder of upper plateau.
The average altitude is 5000 feet.

Ernst Buettner
U. S. Dep. Surveyor

BOOK

U. S. SURV

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Township No

Executed by

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hereby appro

BOOK-A-205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13, 1885.

The foregoing field notes of the survey of the Colorado Guide Meridian

Township No. 30 South *Range No.* 23 & 24 E.

Executed by Ernest Brettner

Under Contract No. 128 *of the* 29th

day of August 1884; *in the month of*

November 1884, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK

REPORT :

Filed

Examined by

Transcribed by

Compared by

F

OF TH

Township No.

Range No.

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Survey com

BOOK-A-205 ~~266~~ 35

REPORT: 1885 502

Filed 188

Examined by .....

Transcribed by E. Michaelis

Compared by Salomon & Atkinson

(with original)

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

of

fractional

~~OF~~

Township No. 30 South

Range No. 23 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Buettner

U. S. Deputy Surveyor,

Under his Contract No. 128

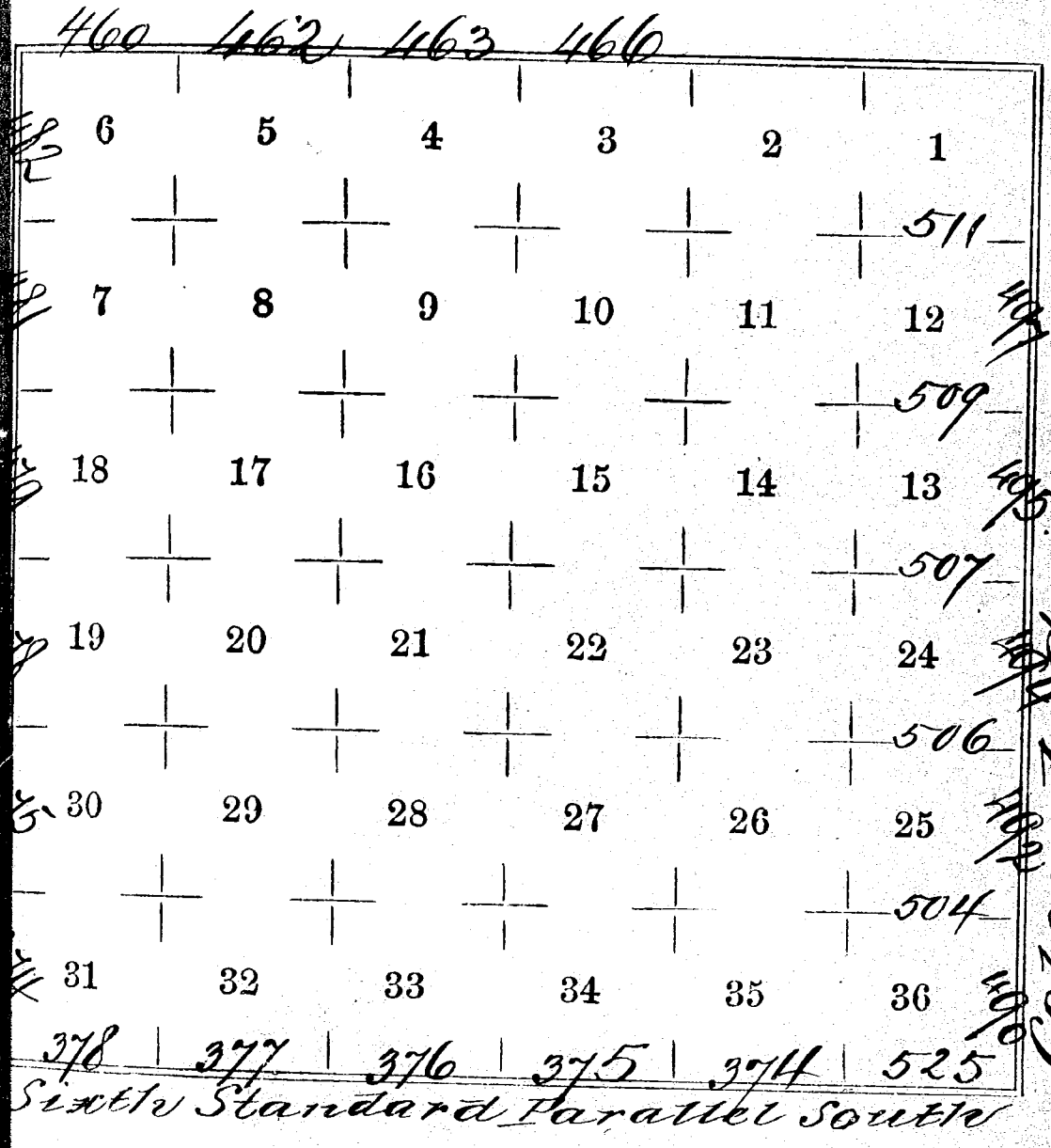
Dated August 27th 1884.

Survey commenced November 10th 1884

Survey completed November 10th 1884

BOOK-A-205

Township 30 S R. 23 E.



NAMES AND DUTIES OF ASSISTANTS.

503

	Compassman.
	Chainman.
	Chainman.
	Chainman.
	Chainman.
	Axeman.
	Axeman.
	Flagman.

BOOK-A-

Subdiv.

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BOOK-A-205

Subdiv. frac. Tp. 30 S. R. 23 E.

In compliance with special instructions received with my contract No. 128 of August 27th 1884. to connect my survey of the Colorado Guide Meridian, if practicable with the offsets for same previously surveyed & return the following subdivision lines.

Survey commenced November 10th 1884

From cor. to sec. 25. 30. 31 & 36. on Colorado Guide Meridian W. on random line betw sec 25 & 36.

Va. 15° E.

40.00 Set temp. 1/4 sec. cor.

79.87 Cor. to secs 25. 26. 35 & 36. which is cedar post bears N. 9 lks. The post has been broken off, find stump sticking in the ground and marked post close by

Subdivisions fractional Tp
30. South 23 East.

Set sandstone 16x10x5 ins 11 ins
ground for cor. to secs. 25. 26.
35 & 36. marked 1 notch S. &
1 notch on E. edges, dug pits
18x18x12 ins in each sec.
5½ ft dist. & raised a
mound of earth 2 ft high
4½ ft base alongside.
Thence I run.
S. 89° 56' E on a true line
betw. secs. 25 & 36.
Va. 15° E.

39.93 Set sandstone 15x12x6 ins,
10 ins in ground for ¼ sec. cor.
marked ¼ on N. face dug
pits 18x18x12 ins E & W. of stone
5½ ft dist. and raised a
mound of earth 1½ ft high
3½ ft base alongside.
Enter dense sage brush.

60.00 Leave dense sage brush.

79.87 The cor. to secs. 25. 30. 31. 36.
Land, level.

Las Lake Meridian

Soil, sandy 2d rate
Dense undergrowth on 20.0 chs.

From corner to secs. 19, 24, 25 & 30.
on Colorado Guide Meridian.
West on random line between
secs. 24 & 25.
Va. 15° E

40.00 Set temp. 1/4 sec. cor.
79.73 Cor. to secs. 23, 24, 25 & 26, which
is a sandstone 18x12x5 ins.
brs. N. 21 lks., I set the same
12" in ground, marked 1
notch on E & 2 on Sedges
dug pits in each sec. 18x18x12
ins 5½ ft dist, and raised
a mound of earth 2 ft high
and 4½ ft base alongside.
Thence
S. 89° 57' E. on true line between
secs. 24 & 25.
Va. 15° E

Subdivisions frac. Tp. 32 South
23 East

On level sagebrush lands
39.86. Set sandstone 14x12x10 ins 9 ins
in ground for 1/4 sec. cor, marked
1/4 on N. face, dug pits E & W. of
stone, 5 1/2 ft deep, and raised
a mound of earth 1 1/2 ft high
3 1/2 ft base alongside.
57.00 Descend.
55.47 Enter bottom, dense gri
65.00 Trail course N.W. & S.E.
75.00 Hudson road.
79.62 The cor. to secs. 24 & 25. 19 & 30
Land, nearly level.
Soil sandy 2d. rate.
Dense brush on last 24.26 ch.

From cor. to secs. 13. 18. 19 & 24
on Colorado Guide Meridian
West on random line betw
secs 13 & 24
Va. 15° E
41.00 Set temp. 1/4 sec. cors
79.62. The cor. to secs 13. 14. 23 &

et Lake Meridian

bears N. 30 lks. which is a
sandstone 12x12x5 ins which
I set 8 ins in ground for
cor. to secs 13, 14, 23 & 24, marked
1 notch on E. & 3 on S. edges, dug
pits 18x18x12 ins in each
1/2 ft dist and raised a
mound of earth 2 ft high.
1/2 ft base alongside.
Thence
S. 89°47' E. on a true line bet. secs 13 & 24.
Va. 15° E
2.50. A precipice 37 ft deep.
Enter bottom and dense
greasewood brush.
10.00 Trail course N.W. & S.E.
15.00 Hudson wash with water
holes course N.W.
22.00. Ascend. Leave brush.
27.95. Enter white sage & grass
level.
39.81. Set sandstone 16x8x7 ins 11 ins
in the ground for 1/4 sec. cor.,
marked 1/4 on N. face, dug

pits 18x18x12 ins E & W. of stone
5½ ft dist, and raised a
mound of earth 1½ ft high, 3½
base alongside.
42.00. Wagon road from Little Gran
river valley to Bluff City
60.00. Enter dense sagebrush
79.62. Ske cor. to secs. 13. 24. 18 & 19
Land slightly rolling
Soil in bottom 1st rate
rest 2d rate, sandy
Dense undergrowth on
39.12 chs.

From cor. to secs. 7. 12. 13 & 18
on the Colorado Guide Meridian
West on random line betw. secs. 12 & 13
Va. 15° E
40.00 Set temp. ¼ sec. cor.
79.50 Corner to secs 11. 12. 13 & 14, which is
a sandstone 16x9x8 ins, bears
N. 42 lks. I set the same
10 ins in ground for cor. to secs

BOOK-A-205

11, 12, 13 & 14, marked 1 notch
on E. & W. on S. edges, dug
pits 18x18x12 ins in each sec
5½ ft dist., and raised a
mound of earth 2 ft high
4½ ft base alongside
thence
S. 89° 42' E on true line
betw secs. 12 & 13.
Va. 15° E
In bottom of dense brush
6.00. Ascend. Enter timber
15.00 On top of cedar ridge
course E. & W.
Spur of higher bench.
39.75. Set sandstone 30x9x6 ins
22 ins in ground for 1/4 sec. cor.
marked 1/4 on N. face, dug
pits 18x18x12 ins E. & W. of
stone 5½ ft dist. and
raised a mound of earth
1½ ft high 3½ ft base alongside
from which
a piñon 22" diam bears N. 87° W.

Subdivisions

30 lks dist. marked
1/4. S. B. T.
No other trees within limits
41.00 Descend.
48.90. Bottom of hollow course
North. Leave timber
Ascend.
79.50 Cor. to secs. 12, 13. 7 & 18
Land, rolling
Soil, sandy 2d rate
Heavy timber pinons on 42.90
Dense undergrowth on 6.00
Augmented on 48. 90 chains

From cor. to secs. 1. 6. 7 & 12
on Colorado Guide Meridian
West on random line between secs 1 & 12
Va. 15° E.
40.00 Set temp. 1/4 sec. cor.
79.39. The cor. to secs. 1. 2. 11 & 12, which
is a sandstone 12 x 9 x 8 ins bro
N. 53 lks. Set post same 8 ins
in ground for cor. to secs

BOOK-A-205

1. 2. 11, 12. marked 1 notch on E & S on S. edges, dug pits 18x18x12 ins in each sec. 5½ ft dist, and raised a mound of earth 2 ft high 4½ ft base alongside.

Thence

S. 89°37' E. on true line between sec. 1, 12.

Va. 15° E.

39.69 Set sandstone 15x12x5 ins, 10 ins in ground for ¼ sec. cor., marked ¼ on N. face, dug pits 18x18x12" E & W. of stone 5½ ft dist, and raised a mound of earth 1½ ft high 3½ ft base alongside.

43.00 Leaving course S. 70° W.

Enter dense undergrowth with scattering timber

79.39 The cor. to secs. 1. 12. 6 & 7.

Land, level

Soil, sandy 2d rate

Dense undergrowth and scattering timber on 36.39 chs.

November 18th 1882

10.

General Description

The line runs over rolling land well covered with grass and white sage, and used as a winter range by stockmen.
There are some cedars & pinons.
The surface is dotted with isolated high sand stone cliffs, probably the remainders of upper plateau.
The average altitude is 5000 feet.

Ernst Buettner
U. S. Dep. Surveyor

BOOK-

U. S. SURVE

Salt La

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Subdiv

Township No.

Executed by

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hereby approv

BOOK-A-205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13th 1885.

The foregoing field notes of the survey of the Subdivisions of Fractional

Township No. 30 South *Range No.* 28 East

Executed by Ernest Buettner

Under Contract No. 128 *of the* 27th

day of August *188*4, *in the month of* November *188*4, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Ird Salisbury

U. S. Surveyor General for Utah.

BOOK-A

REPORT: 18

Filed

Examined by

Transcribed by A

Compared by Sa

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OF THE

Sixth

Township No. 30

Range No. 23

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BOOK-A-205

REPORT: 1885 516

Filed 188

Examined by .....

Transcribed by Henry R M Atkinson

Compared by Solomon J Atkinson

FIELD NOTES

OF THE SURVEY OF THE

Sixth Standard Par South

Township No. 30 & 31 South

Range No. 23 & 24 E

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Buettner

U. S. Deputy Surveyor,

Under his Contract No. 128

Dated August 27th 1884

Survey commenced October 4th 1884

Survey completed " 4th 1884

BOOK-A-205

Township 30 S R. 24 E

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36
526	527	529	530		

Sixth Parallel South

NAMES AND DUTIES OF ASSISTANTS.

..... *Compassman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Axeman.*

..... *Axeman.*

..... *Flagman.*

BOOK-A-2

[2.—PRELI

We, Robert

and William G

do solemnly swe

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report the true d

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and in accorda

in the survey of

Tp 29 & 35 S. R 19 & 25 E

as stipulated in

of the Salt Lake

tory of Utah.

Rob

Brank

Wm. C

W

Subscribed and

day of Oc

[2.—PRELIMINARY OATH OF CHAINMEN.]

We, Robert McDonald, Franklin A. Manville and William Gibson and William Shay do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plum the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Std. Merd. & Tp lines situated bet Tp 29 & 35 S R 19 & 25 E & subs in Tps 30-31 & 32 S R 23 E as stipulated in Contract No 128 of Aug 27. 1884

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

Robt. McDonald, Chainman.

Franklin A. Manville, Chainman.

Wm. Gibson, Chainman.

Wm Shay, Chainman.

Subscribed and sworn to before me this 2d day of October 1884

E. Buettner
U. S. Dep. Surveyor

BOOK-A

13 – P

~~We~~ I

~~and~~ M. V

do solemnly s

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of the Salt La

tory of Utah.

Witnessed b

Franklin

M

Subscribed an

day of Octo

[3 — PRELIMINARY OATH OF AXEMEN.]

~~We~~, I James Jenssen

~~and~~ M. Martin

do solemnly swear that ~~we~~ I will well and truly perform the duties of axemen, in the establishment of corners, and other duties, according to instructions given ~~us~~ me, and to the best of ~~our~~ my skill and ability, in the survey of Std, Mud, & Tp lines situated bet Tps 29 & 35 S R 19 & 25 E & subs in Tp 30, 31 & 32 S, R 22 E as stipulated in Contract No 128 of Aug 27, 1884

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

Witnessed by:

Franklin A Maxwell his James Jenssen mark, Axeman.

M Martin, Axeman.

Subscribed and sworn to before me this 2d day of October 1884

E. Buettner
U. S. Dep. Surveyor

BOOK-

I William
swear the
perform
according
and to th

Subscribed
this 2d da

I William Stewart do solemnly swear that I will well and truly perform the duties of Flagman according to the instructions given me and to the best of my skill and ability

Wm. Stewart.
Flagman

Subscribed and sworn to before me this 2d day of October A.D. 1884.

E. Buettner
U. S. Dep. Surveyor.

BOOK-

BOOK-A-205 524

Sixth Standard Parallel South.
Through Range 23 East.

I begin at the Cor to Sec. 1. & 2. 35 and 36 Townships 30. & 31 South Range 23. East. as established by Survey of Colorado Meridian.
I there find a gray sandstone 18 x 12 x 3 in. in mound of rocks marked. 6 notches on N. 5 on W. and 1 on E edges. Mark pine stone in addition S.C. and set pine 12 in in ground, dug pits 18 x 18 x 12 in N. E. & W. of Cor. 5½ ft distant, and raised mound of earth 2 ft high, 4½ ft base alongside.
On the night of October 3rd 1884 I took sun above described cor on an observation on the Star Polaris, in accordance with instructions contained in the Manual of Surveys and drove pickets on the line thus obtained, The instrument used is a Stackpole Theodolite, examined and approved by the Surveyor General's Survey commenced October 4th 1884
I begin at the above described Cor

North Standard Parallel South
Bet Tps 30 & 31. S. Through Range 23. E.

	and run easterly on tangent to	
	Meridian established last night	79.11
	at the end of each half mile	80.0
	I take and offset Northerly the	
	length and direction of which	
	I obtain from tables of offsets	
	and azimuths contained in manual	
	of Surveys.	
	Survey commenced October 4th 1904	
	East on S. boundary Sec 36.	
	Va 14° 55'. E.	
11.00	Descend.	
34.00	Enter level bottom Willows greasewood brush.	
110.00	Set a gray sandstone 15X10X3 ins, 10 ins	
	in the ground, for Standard ¼ Sec. Cor.	7.0
	Bunched S.C. ¼ on N. face, dug pits	
	18X18X12. ins E. & W. of Stone,	20.00
	5½ ft. distant, and raised a mound of	
	earth 1½ ft. high, 3½ ft base alongside,	40.00
111.00	Leave Willows, which bears N. 65° E. and	
	S. 65° W. and brush. Ascend.	
118.00	Enter level bench.	
36.50	Pass clearing N.E. enter dense sage brush	
67.00	Pass clearing N. 10° E.	
76.00	Pass dense N. ascend	41.00

Enter Scattering Timber.

79.00 On summit of low hill.

80.00 Set a gray sandstone 30 x 10 x 7 in. 20 in in the ground, for standard cor to Tps 30 S. Rs 23 & 24 E. marked S.C. with 6 notches on N. E & W. edges, and raised a mound of rocks alongside. Pits impracticable. Trees are either dead or too small to be marked. Land rolling. Soil sandy loam. 2nd rate. Dense sage brush undergrowth on 33.50 chs.

Survey Commenced Oct 4 1884 from Cor to Tp 30 S. R 23 & 24 E on 6th Stand Parallel. Train

East on S. boundary Sec. 31.

Va 14° 55' E.

Descend

7.00 Ravine Course N. leave Timber & brush.

Ascend

20.00 Top of low ridge. Course N. & S.

Descend

40.00 Set a sandstone 16 x 8 x 4 in. 11 ins in the ground, for standard ¼ sec. cor. marked S.C. ¼ on N. face, dug pits 18 x 18 x 12 ins E. & W. of stone. 5½ ft dist. and raised a mound of earth 1½ ft high 3½ ft base alongside —

41.00 Descend.

Sixth Standard Parallel South
Bet Tps 30 & 31 S. through Range 24 E.

		Chs. Bet
43.50	Enter level bottom covered with dense greasewood brush.	
45.00	North course N. E.	
74.00	The "Hudson wash" Course N. 25° W. This wash contains many holes filled with water	
80.00	Set a sandstone 16 x 12 x 4 in. 11 in. in the ground for Standard Cor. to Secs. 31 & 32 Marked S. C. with 5 notches on E. and 1 notch on W. Edges. Also pitts 18 x 18 x 12 in. N. E. & W. of Stone, 5½ ft.	40.30
	list, and raised a mound of earth	47.00
	2 ft. high, 4½ ft base, along side.	57.00
	Soil rolling.	80.00
	Soil 2nd Rate Sandy	
	Dense Greasewood Undergrowth 43.50 chs.	

East on S. Boundary Sec. 32.
Va. 14° 55' E.

4.00	Wagon road from Bluff City to Little Grand River valley - Course N. 25° W.
15.00	Ascend, enter Timber.
25.00	Enter broken ground
40.00	West side of deep wash. Trail from Coyote to Blue Mountains Course S. W. Set a sandstone 24 x 24 x 2 in. 16 in.

in the ground for Standard ¼ Sec. Cor.
Marked S.C. ¼ on N face. dug pits
18 X 18 X 12 in. E. & W. of Stone. 5½ ft
dist. and raised a mound of
earth 1½ ft high. 3½ ft base alongside
from which a pinon 12 in. dia. bears
N. 83° W. 50. lks. dist. and a pinon
7 ins dia bears S. 72° E. 63 lks dist.
Both Trees marked S.C. ¼ S.B.T.
40.30 Mark Creek S. W.
47.00 Ascend.
57.00 Enter level bench. leave Timber.
80.00 Set a sandstone 18 X 10 X 4 ins. 14 ins. in
ground for Standard Cor. for Sec's 32
and 33. Marked S.C. with 4 notches on E
and 2 notches on W. edges. dug pits
18 X 18 X 12 ins N. E. & W. of Stone. 5½ ft
dist. and raised a mound of earth
2 ft high 4½ ft base, alongside.
Land, first 18 chs level. Soil 2nd rate, sandy
next 39 chs bottom soil rocky, 4th rate.
Last 23 chs level, soil 2nd rate, sandy
Heavy Timber. Cedars & pinons on 39 chs.
Dense Greasewood & Sagebrush undergrowth
on 80 chs.

Sixth Standard Parallel South
Bet Tps 30 & 31 S. through Ranges 24 & 25 E.

	East on S. boundary Sec 33.		64.50
	Va 14° 55' E.		
10.90	Foot of Sandstone bluff bears N.W. & S.E.		78.30
			80.00
	Cause a flag to be set in line, on top of bluff, return to last set Cor and run South on offset line 5 chs. from which point the flag bears N. 69° 19' E. which gives for distance from corner to flag 13.24 chs.		
	Bluff about 125 ft high.		
	Continue line in timber on level plateau.		
	Leave dense undergrowth.		
110.00	Set Sandstone 18 x 9 x 6 ins. 12 ins in the ground for Standard ~~for~~ 1/4 Sec Cor.		
	marked S.C. 1/4 on N. face,		
	Built mound of stone alongside, from which a Cedar 15 in dia. bears N. 64° W. 4.3 lks dist. a pinion 14 in dia. bears S. 52° E. 39 lks dist.		
	both trees marked S.C. 1/4 B.T.		
117.60	On Eastern edge of Sandstone bluff which at this point, falls off perpendicular 57 ft.		7.00
	Descend		8.00

BOOK-A-205

Sixth Standard Parallel South
bet Tps 30 & 31 S. Range 24 E

64.50 Leave timber and enter
dense sage brush
78.30 Enter bottom
80.00 Set a sandstone 20"x10"x3' 12"
in the ground for Standard Cor
to Secs 33 & 34, marked SC with
3 notches on W & 3 on E edges
dug pits - 18"x18"x12" S & E & W of stone
5½ ft dist and raised a mound
of earth 2 ft high 4½ ft base alongside
Land 1, 10.90 chs level
soil sandy 2nd rate
next 5.30 chs Rocky Mountain
soil 4th rate
rest rolling, soil 3d rate
Heavy timber, Cedars & pines
on 5.30 chs
Dense undergrowth on 26.40 ch
Segmented on 80 ch

East on Boundary Sec 34
Var 14° 55' E

7.00 Ranne. course N, ascend
38.00 Enter timber with dense
undergrowth

Sixth Standard Parallel South
bet Tps 30 & 31 S. Through R 24 E

40,00 Set a sandstone 14" x 8" x 3" - 9" in the ground for standard 1/4 sec cor, marked S C 1/4 on N face and raised a mound of stone along side from which a cedar 18" dia bears N 29° E 32 lks dist and a cedar 20" dia bears S 18° W 25 lks dist Both trees marked S C 1/4 S B T

Land mountainous
Soil rocky 4th rate
Dense undergrowth on 1 of 38 chs
Heavy timber cedars & pinions on 2 chs
Augmented on 40 chs
October 4th 1884

Note
Line further E runs into high broken country intersected by deep gulches and thickly grown with cedars and dense undergrowth, and covered with heavy boulders.
I therefore abandon further

Survey

— General Description —

The line runs over
uneven mostly unproductive
waterless ground
Ernst Buttner
US Dep Surveyor

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Township No

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BOOK-A-205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13 1885

The foregoing field notes of the survey of the Sixth Standard Parallel South

Township No. 3 *Range No.* 23 & 24 E

Executed by Ernest Buettner

Under Contract No. 128 *of the* 27th

day of August 1884, *in the month of*

October 1884, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK-

REPORT: 1

Filed

Examined by

Transcribed by

Compared by

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Township No.

Range No. 2

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BOOK-A-205

REPORT: 536

Filed 188

Examined by .....

Transcribed by Henry R. Atkinson

Compared by Solomon Atkinson

FIELD NOTES

OF THE SURVEY OF THE

Colorado Lincoln Meridian

OF

Township No. 31 South

Range No. 22 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernest Huettner

U. S. Deputy Surveyor,

Under his Contract No. 131

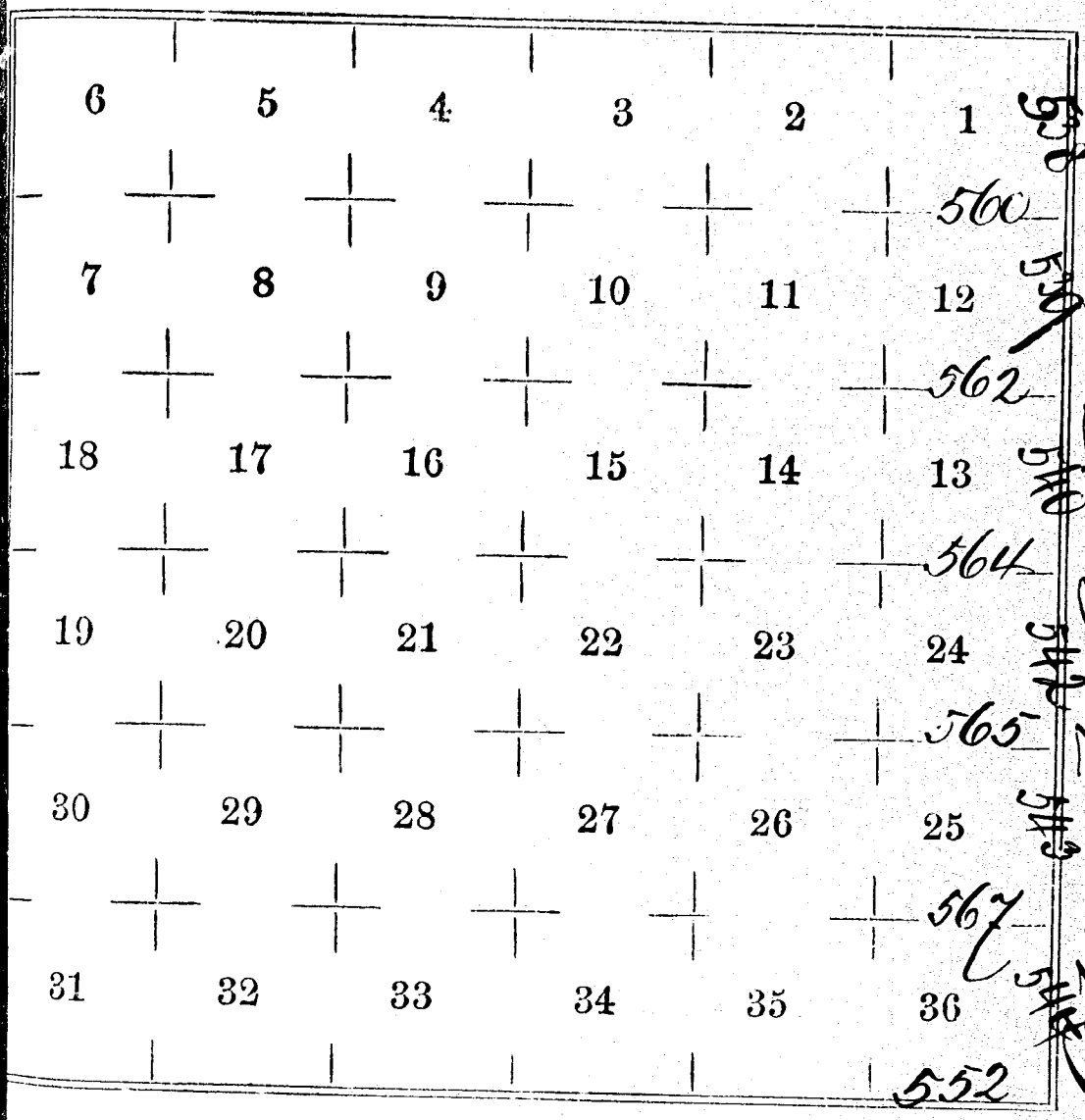
Dated 27 August 1884

Survey commenced November 8th 1884

Survey completed " 8th 1884

BOOK-A-205

Township 31 S R. 23 W



NAMES AND DUTIES OF ASSISTANTS.

.....*Compassman.*

.....*Chainman.*

.....*Chainman.*

.....*Chainman.*

.....*Chainman.*

.....*Axeman.*

.....*Axeman.*

.....*Flagman.*

Colorado Gen de Meridian
Tp 31 S. R 23 E

Survey commenced Nov 8/84, From cor to Tps 30 & 31 S bet Rs 23 & 24 E on the Sixth Standard Parl South established by me in this return. From South bet secs 1 & 6
Var 15°00' E

Ascend

4.00 Enter level ground and dense Sagebrush

40.00 Set a cedar post 3 ft long 3" square with marked stone 12" in the ground for 1/4 sec Cor marked 1/4 on W face deg pits 18"x18"x12 N & S of post 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base around post

62.00 N side of sandstone cliff 125 ft high

68.00 S end of cliff

78.50 Wash course E

80.00 Set a sandstone 24"x12"x4' 18" in the ground for Cor to secs

Colorado Guide Meridian

1.6. 7 & 12 marked 1 notch
on N & 5 notches on S edges
dug pits 18"x18"x12" in each
Sec 5½ ft dist and raised
a mound of earth 2 ft high
4½ ft base along side
Land nearly level
Soil 2nd rate
Dense undergrowth on 7 ch

South on a true line
bet secs 7 & 12
Var 15°00 E

6.00 Ravine Course E. Leave
undergrowth
40.00 Set a cedar post 3 ft long
3" square with marked
Stone 12" in the ground
for ¼ Sec cor marked ¼
S on W face dug pits 18x18
x12" N & S of post 4½ ft dist
and raised a mound of
earth 1½ ft high 3½ ft base
around post.
46.00 E end of same sandstone

Tp 31 S. Range 23 E

Cliff Enter timber
47.00 Ravine Course E
54.10 " " E
58.00 " " E.
Leave Timber
75.50 Ravine Course E
80.00 Set a sandstone 18x14x4 ins 12 ins in the ground for cor to secs 12, 7, 18 x 13 marked 2 notches on N and 4 notches on Sedges deep pits 18"x18"x12" in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base along pole
Land nearly level
Soil 3rd rate
Some sage brush
Heavy timber Cedars on 12 chs

South on a true line
bet secs 13 & 18
Var 15° 00' E
35.00 Hollow & Trail course N E

Colorado Guide Meridian

Ascend
Enter timber
40.00 Set a sandstone 20"x12"x4"
15 ins in the ground for
1/4 sec cor, marked 1/4 on
W face dug pits 18"x18"x12
N & S of stone 5 1/2 ft dist
and raised a mound
of earth 1 1/2 ft high 3 1/2 ft base
alongside from which
A pinon 12" dia bears N
40° W 30 lks dist
A pinon 12" dia bears S
77° E 78 lks dist both trees
marked 1/4 S B T
44. Leave timber enter level &
dense sagebrush
55.00 A few cedars
62.00 Descend
67.00 Enter bottom & dense
greasewood brush
80.00 Set a sandstone 18"x8"x4"
12" in the ground for cor
to secs 13, 19, 18 & 24 marked
with 3 notches on N & S edges

BOOK A

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40.00 Set a
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pits
5 1/2 ft
mo
3 1/2 f
48.00 The

Sp 1 S Range 23 E

dug pits in each sec 5½ ft
dist 18x18x12 in, and
raised a mound of stone
3 ft high 4½ ft base along side
Land nearly level
Soil sandy 2nd rate
Heavy timber cedars on
9 chs
Dense undergrowth on
36 chs
Augmented on 45 chs

South on true line
bet secs 19 & 24
Var 15°00 E

140 Ravine course N 10° E
3200 " N 10° E
40,00 Set a sandstone 16"x16"x0"+ 11"
in the ground for ¼ sec cor
marked ¼ on W face dug
pits 18"x18"x12 N & S of stone
5½ ft dist and raised a
mound of earth 1½ ft high
3½ ft base along side
48,00 The Temple bears W

Colorado Guide Meridian

Leave bottom & dense underguath
Enter low rolling bench
Covered with white sage
80.00 Set a sandstone 14"x10"x5"
10" in the ground for cor to
secs 24, 19, 30 & 25, marked
with 4 notches on N and
2 notches on S edges, dug
pits 18"x18"x12 in each sec
5½ ft dist, and raised a
mound of earth 2 ft high
4½ ft base along side
Land nearly level
Soil sandy 2nd rate
Dense undergrowth
on 1st 48 chs

South bet secs 25 & 30
Var 16°00' E
40.00 Set a sandstone 12"x9"x4"
8" in the ground for ¼
sec cor marked ¼ on W
face dug pits 18"x18"x12"
N & S of stone 5½ ft dist and
raised a mound of earth

Tp 31 S Range 22 E

1½ ft high 3½ ft base along pile
47.00 Ravine Course N W
72.00 Wagon Road from Little Grand River Valley to Bluff City Course N 20° E
80.00 Set a sandstone 16"x12"x4" 11" in the ground for Cor to Secs 25, 30, 31 & 36, marked with 5 notches on N & 1 notch on S edge, dug pits 18"x18"x12" in each Sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base along pile
Land level
Soil 2nd rate
Covered with grass & white sage

South on true line
bet secs 31 & 36
Var 15° 00 E

24.00 Ascend
36.00 Then a level along top a low ridge

Colorado Guide Meridian

40.00 Set sandstone 18"x12"x6" 12" in the ground for 1/4 Sec cor marked 1/4 on W face and dug pits 18"x18"x12" N & S of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside

52.00 Descend

54.26 Enter bottom

66.00 Top of Gravel Bar 20 ft high 80 lks wide course NW & SE

77.00 Ravine Course NW

80.00 Set a sandstone 26"x10"x10" 20" in the ground for Cor to Tps 31 & 32 S Rs 23 & 24 E marked with 6 notches on each edge, dug pits 24"x18"x12" lengthwise on each line N S, E & W of stone 6 ft dist and raised a mound of earth 2 1/2 ft high 5 ft base alongside

Land rolling

Soil 2nd rate cannot out and 3 rate on second

BOOK-A-205

Tp 31 S. Range 23 E

half miles
Note
S & E of corner broken up debris thickly covered with cedar and pinons and dense oakbrush undergrowth, cutly deep gulches, and covered with immense boulders, ascending at steep grades to Mesa above E about 1 mile & S about 2½ miles

November 8. 1882

General Description

The lands embraced are N and at the foot of a high Mesa about 2000 ft above. They are seperated by a steep inaccessible slope from 1 to 2 miles wide, The land is gently rolling, covered for the greatest part with grass & white sage, and make a very good winter range for cattle, The surface is dotted occasionally by bold high many colored sandstone cliffs of which the Temple is the most picturesque one and makes an excellent land mark

Ernst Buettner
U.S. Dep Surveyor

BOOK-A-205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13th 1885

The foregoing field notes of the survey of the Colorado Guide Meridian *Township No.* 31 South *Range No.* 22 E *Executed by* Ernst Buettner *Under Contract No.* 131 *of the* 27th *day of* August 1884, *in the month of* November 1884, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

BOOK

REPORT :.....

Filed.....

Examined by ...

Transcribed by

Compared by...

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Township No..

Range No.....

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BOOK-A-205

REPORT: 550

Filed 188

Examined by .....

Transcribed by H. R. M. Atkinson

Compared by O. E. I. & Atk

FIELD NOTES

OF THE SURVEY OF THE

South Boundary

31

OF

Township No. 31 South

Range No. 23 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Buettner

U. S. Deputy Surveyor,

Under his Contract No. 128

Dated August 27th 1884

Survey commenced November 8 1884

Survey completed November 8 1884

NAMES AND DUTIES OF ASSISTANTS.

	Compassman.
	Chainman.
	Chainman.
	Chainman.
	Chainman.
	Axeman.
	Axeman.
	Flagman.

South Bdy Tp. 31. R. 23 E.

Survey commenced Novber 8th 1884.
From the cor. to Tps.
31 & 32 S. Rs. 23, 24 E.
on the Colorado Guide
Meridian, established
by me in this return.
Run.
W. on random line
betw secs. 1 & 36.
Va. 15° E
40.00 Set temp. 1/4 sec. cor.
79.62 The cor. to secs. 35 & 36.
bears S. 61 lks., the same
is a sandstone 26 x 12 x
9 ins in mound of rocks.
Bearing trees destroyed.
Thence.
N. 89° 34' E. on true line
along S. boundary
betw secs. 1 & 36
with same var.
In timber
35.00 Leave timber
Descend.

Louth Bdy. T. 31. R. 33 C.

38.50 At foot of bluff.
Enter level bottom and dense undergrowth.

39.81 Set a sandstone 11 x 12 x 4 ins 10 ins ground for 1/4 sec. cor. marked 1/4 on N. face, dug pits 18 x 18 x 12 ins Ex. W. of stone and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside.

49.50 Ravine course North.

60.00 Trail course North.

62.50 Ravine course North.

63.10 Wagonroad from Little Grand River Valley to Bluff City

33 E. Salt Lake Meridian

65.00 Ascend.
A few scattering trees along slope.
Leave bottom and undergrowth.
79.62. The cor. to Tps. 31 & 32 S.
Rs. 23 & 24 E.
Land, rolling.
Soil in bottom 1st rate
rest 3d & 4th rate
Heavy timber on 1st. 35.00 chs.
Dense undergrowth on 26.50 chs.
Augmented on 61.50 chains
November 8. 1884
Ernst Buttner
U.S. Dep. Surveyor

For General Description
see Subdivision notes.

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Executed by

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hereby appro

BOOK-A-205

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13 *1885*

The foregoing field notes of the survey of the South Boundary

Township No. 31 South *Range No.* 23 East

Executed by Ernest Buttner

Under Contract No. 128 *of the* 29th

day of August *188*4, *in the month of* November *188*4, *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.

BOO

REPORT :....

Filed.....

Examined by

Transcribed

Compared by

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Township No

Range No.....

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BOOK-A-205

REPORT: [illegible]

Filed 188

Examined by [illegible]

Transcribed by E. Michaelis

Compared by [illegible]

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

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OF

Township No. 31 South.

Range No. 23 East.

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Ernst Quettner

U. S. Deputy Surveyor,

Under his Contract No. 129

Dated August 27th 1884

Survey commenced November 8 1884

Survey completed November 8 1884

NAMES AND DUTIES OF ASSISTANTS.

..... *Compassman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Axeman.*

..... *Axeman.*

..... *Flagman.*

BOOK-A-

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5½ ft

Subdiv. Sect. Tp. 31. S. R. 23 East

In compliance with special instructions received with my Contract No. 128 of August 29th 1884, to connect my survey of the Colorado Guide Meridian if practicable with the offset for same previously surveyed I return the following subdivision lines.

Survey commenced November 8. 1884.

From cor. to sec. 1. 6. 7 & 12 on the Colorado Guide Meridian West on random line between sec. 1 & 12

Va. 15° E.

40.00 Set temp. 1/4 sec. cor.

80.13. Set cor. to sec. 1. 2. 11 & 12, which is a sandstone 22x16x3 ins. bears S. 12 lks. I reset the same 18 ins in the ground, marked 1 north on E. & 5 on S. edges dug pits in each sec. 18x18x12 ins 5½ ft dist, and raised a

mound of earth 2 ft. high 4½ ft. base alongside
Thence
N. 89° 55' E. on a true line betw. secs. 1 & 12, with same var.
22.00 Ascend. Enter timber.
24.08 Enter plateau.
40.06 Set a sandstone 18x12x10 ins 10 ins in the ground for ¼ sec. cor., marked ¼ on N. face and raised a mound of stone alongside, from which a cedar 8 ins dia. bears N. 34° W. 13 lks dist.
a cedar 7 ins dia. bears S. 23½° E. 68 lks dist.
Both trees marked ¼ S.B.L.
68.00 Descend.
70.50 Leave timber. Enter level and dense undergrowth
80.13 The cor. to secs. 1, 6, 7 & 12.
Land rolling
Soil on flat 3d rate

Salt Lake Meridian

Sandy on plateau, rocky
4th rate.
Heavy timber, cedars on 18.00 chs.
Heavy undergrowth on 9.63 chs.
Augmented by 58.13 chs.

From cor. to secs. 7, 12, 13 & 18
on the Colorado Guide Meridian
West on random line
between secs. 12 & 13.
Va. 15° E

40.00 Set temp. 1/4 sec. cor
50.26 The cor. to secs. 11, 12, 13 & 14, which
is a sandstone 12x12x5 ins
bears S. 21 lks. I reset the
same 8 ins in the ground,
marked 1 notch on E. & 4 on
S. edges, dug pits 18x18x12 ins
in each sec. 5½ ft dist.
and raised a mound of
earth 2 ft high 4½ ft base
alongside.
Thence

Subdiv. fract. Tp. 31 S. R. 23 East

N. 89° 51' E. on a true line
betw. secs. 12 & 13
Va. 15° E.
Line runs about 7.00 chs S.
and parallel to S. and of
sandstone cliff
23.50. Ravine course S.
40.13. Set sandstone 16 x 12 x 3 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 & 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
41.50 Ravine course S.
80.26. The cor. to secs. 12. 7. 18 & 13.
Land, nearly level.
Soil, sandy 3d rate.
Some tall sage brush.

From cor. to secs. 13. 18. 19 & 24.
on Colorado Guide Meridian

Salt Lake Meridian.

West on random line
between secs. 13 & 24.
Var. 15° E.

40.00 Set temp. 1/4 sec. cor.

80.05 The cor. to secs 13. 14. 23 & 24.
which is a sandstone 12x12x5 ins
heavy S. 32 lbs I reset the same
12 ins in the ground, marked
1 notch on E. & 3 on S. edges
dug pits in each sec. 18x18x12
ins 5½ ft diet, and raised
a mound of earth 2 ft
high 4½ ft base alongside
Thence
N. 89° 46' E. on true line
between secs. 13 & 24.
Var. 15° E.
In level white sage flat

40.02 Set sandstone 12x6x6 ins
8 ins in ground for 1/4 sec
cor., marked 1/4 on S. face
dug pits 18x18x12 ins E.
& W. of stone 5½ ft diat
and raised a mound of

earth 1½ ft high 3½ ft
base alongside.
47.00. Enter dense sagebrush.
80.05. The cor. to secs. 13. 18. 19 & 24
The Temple bears S. 32° W.
Land, nearly level.
Soil, sandy 2d rate
Dense undergrowth on
33.00 chs.

From cor. to secs. 19. 24. 25 & 30
on Colorado Guide Meridian
West on random line between
secs. 24 & 25.
Va. 15° E.
40.00 Set temp. ¼ sec. cor.
79.91. The cor. to secs. 23. 24. 25 & 26
which is a sandstone 22 x 16 x 8 ins
bears S. 44 lks in mound
of stone with bearing
trees burnt.
I reset same 16 ins in the
ground and raised a mound

Salt Lake Meridian.

of stone alongside.
Pits impracticable.
Thence Run
N. 89° 41' E. on a true line
betw. secs. 24 & 25.
Va. 15° E.
at south side of high
sandstone cliff, surrounded
by some cedars & piñons.
4.00 Leave timber.
39.95 Set a cedar post 3 ft long
3 ins. square with marked
stone 12 ins in the ground
for 1/4 sec. cor., marked 1/4 S. on
N. face, dug pits 18 x 18 x 12
ins E. & W. of ~~stone~~ post, 5 1/2
ft dist. and raised a
mound of earth 1 1/2 ft high
3 1/2 ft base around post
56.00 Ravine course N. 5 chs.
thence Easterly
79.91 The cor. to secs 24. 19. 30 & 25.
Land, level
Soil, 2d rate.

covered with grass and white sage.
Some scattering trees on lot 4 chs.

From cor. to secs. 25, 30, 31 & 36. on Colorado Guide Meridian
West on random line betw. secs. 25 & 36
Va. 1° E.

40.00 Set temp. 1/4 sec. cor.
79.87 The cor. to secs 25. 26. 30 & 31 which is a sandstone 18x 12x14 ins with a few rocks around it and bears S. 53 lks. I reset the same 12 ins in ground, marked 1 north on E. & 1 on S. edges, dug pits in each sec. 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside.

Salt Lake Meridian

Thence I run
N. 89° 37' E. on true line betw
secs. 25 & 36
Va. 15° E

39.93. Set a cedar post 3 ft long 3 ins square with marked stone 12" in the ground for 1/4 sec. cor. marked 1/4 on N. face dug pits 18 x 18 x 12 ins E. & W. of post 5 1/2 ft dist., and raised a mound of earth 1 1/2 ft high 3 1/2 ft base around post

54.00 Wash course N.

75.40 Wagon road from Little Grand River Valley to Bluff City course N E

79.87. The cor. to secs. 25. 30. 31 & 36.
Land, level
Soil, 2d rate
covered with grass and white sage.
Some dense undergrowth on ravine

November 8. 1884.

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Cals Lake Meridian.

General Description.

The lands embraced are North of and at the foot of high mesa about 2000 feet above. They are separated by a steep inaccessible slope from 1. to 2 miles wide. The land is gently rolling covered for the greatest part with grass and white sage, and make a very good winter ranch for cattle. The surface is dotted occassionally by bold high many colored sandstone cliffs, of which the "Temple" is the most picturesque one, and makes an excellent land mark.

Ernst Buettner
U. S. Dep. Surveyor

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, April 13th 1883

The foregoing field notes of the survey of the Subdivisions of Fractional *Township No.* 31 South *Range No.* 23 East *Executed by* Ernest Buttner *Under Contract No.* 128 *of the* 27th *day of* August 1884, *in the month of* November 1884, *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.